
AI IN HIGHER EDUCATION

University of Virginia

Comprehensive AI Governance & Activity Inventory

A Public-Source Institutional Reference

What the University has said and done publicly about artificial intelligence

UVA

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Introduction

What This Document Is

This document is a public-source inventory of AI governance, teaching, research, and operations at the University of Virginia. It is not an audit, not a maturity assessment, and not a scorecard. It documents what the university has said and done publicly about artificial intelligence as of the evidence snapshot date.

How It Was Built

Research was conducted through web search of institutional pages, news releases, faculty profiles, grant databases, policy documents, and public filings. No FOIA requests were filed. No interviews were conducted. No internal documents were reviewed. Every major claim carries a URL. The phrase “Not publicly documented in available sources” means absence of evidence, not evidence of absence. Units with thin dossiers may be doing significant AI work that is not public-facing.

The document is organized in two parts. Part I provides an institutional overview across ten sections covering governance architecture, policy infrastructure, teaching and learning posture, the tool ecosystem, academic integrity, research governance, library and information literacy, infrastructure investment, public statements, and the evidence archive. Part II contains 19 unit dossiers, one for each college, school, institute, or administrative division with documented AI activity, using a six-part structure: Governance & Policy, People, Teaching & Curriculum, Tools & Technology, Research & Scholarship, and Events & Programming.

The evidence snapshot date is June 9, 2026. Constraint discipline: public sources only, no scoring, no ranking, no comparisons between institutions, no speculation beyond what sources state, no promotional language.

About the Author

Tommy Turner is an independent researcher based in Williamsburg, Virginia, who conducted original institutional profiling of 53 American universities to examine how they governed generative AI and what they failed to build alongside the governance apparatus. This UVA inventory is one of several companion documents produced from that research, alongside comprehensive AI governance inventories for Virginia Tech (DOI: [10.5281/zenodo.19670612](https://doi.org/10.5281/zenodo.19670612)), William & Mary (DOI: [10.5281/zenodo.19696361](https://doi.org/10.5281/zenodo.19696361)), and Marymount University (DOI: [10.5281/zenodo.19701771](https://doi.org/10.5281/zenodo.19701771)), a peer benchmark covering 23 BOV-adopted national peer institutions (DOI: [10.5281/zenodo.19672836](https://doi.org/10.5281/zenodo.19672836)), and a public-source reference guide covering 30 Virginia four-year institutions (DOI: [10.5281/zenodo.19671839](https://doi.org/10.5281/zenodo.19671839)).

The working paper *Governance Without Readiness: How 53 American Universities Responded to Generative AI* (DOI: [10.5281/zenodo.19647273](https://doi.org/10.5281/zenodo.19647273)) synthesizes findings across all 53 institutions, documenting a structural gap between institutional risk management and workforce preparation. This inventory stands as an independent reference document; it is not derivative of the working paper.

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How to Read This Document

Part I is the institutional layer: ten sections that describe UVA's AI governance architecture, policy corpus, teaching posture, tool ecosystem, and investment record as a single system. Part II is the unit layer: 19 dossiers, one per school, institute, or administrative division, each built on the same anatomy. A dossier opens with a Key Signals panel stating the unit's AI posture in three to five sentences, moves through six numbered sections, closes with Gaps and Observations (the analytical layer, kept separate from factual reporting), Cross-References to related units, and a Sources section in which every entry carries a description line followed by its URL.

Readers with different jobs should enter at different points.

Provosts, governance staff, and faculty senates. Read Part I Sections I and II for the governance architecture, then Unit 17 (Provost's Office & Center for Teaching Excellence), which holds the institutional coordination function and the published corpus other units cite.

CIOs and IT leadership. Read Part I Section IV for the tool ecosystem and procurement record, then Unit 15 (ITS & Office of the CIO) for the enterprise platforms, the HPC estate, and the tenant architecture.

Teaching center directors and academic affairs. Read Part I Sections III and V, then Unit 17 for the Faculty AI Guides program and Unit 14 (Library) for the AI Literacy and Action Lab.

Library leadership. Read Part I Section VII, then Unit 14, which documents the Archival AI Protocol, the twelve-institution Statement of Shared Practice, and the Lab.

Researchers, journalists, and policy staff. Every claim is sourced. Part I Section X (Evidence Archive) and the unit Sources sections together carry more than 760 unique URLs, frozen at the snapshot date, and are designed to be cited.

Vendors and partners. Read Part I Section IV for what is already licensed and deployed, then Units 15 and 16 for the infrastructure and research-enterprise buying centers.

Three conventions govern the whole document. First, the evidence is frozen at June 9, 2026; statements of current fact are statements as of that date. Second, where sources conflict, the document reports both versions flat, with dates, rather than resolving the discrepancy editorially. Third, “Not publicly documented in available sources” is a finding, not a gap in the research: it marks the boundary of the public record.

PART I

Institutional Overview

Evidence snapshot: June 9, 2026

- I. Institutional AI Governance Architecture
- II. Policy Infrastructure & Institutional Alignment
- III. Teaching & Learning Posture
- IV. Tool Ecosystem & Procurement Governance
- V. Academic Integrity Integration
- VI. Research Governance & Ethics
- VII. Library & Information Literacy Signals
- VIII. Infrastructure & Strategic Investment Signals
- IX. Public Statements & Executive Signaling
- X. Evidence Archive

Evidence snapshot date: June 9, 2026

I. Institutional AI Governance Architecture

UVA has no university-wide AI policy. Governance is distributed across multiple offices, task forces, advisory roles, and policy instruments coordinated loosely through the Provost's Office and supported operationally by ITS. Coordination infrastructure is extensive; regulatory authority is thin. Faculty retain individual control over classroom AI rules under Faculty Handbook Section 3.3.14. Only three schools (Data Science, Medicine, and UVA Wise) have published their own AI policies. Everything else defaults to advisory guidance.

Governance Structure

Three offices anchor the architecture. The Provost's Office operates two public-facing web properties, genai.provost.virginia.edu for teaching and learning and ai.provost.virginia.edu for the broader AI@UVA initiative, and houses the institutional AI leadership structure. ITS and the VP/CIO govern tool deployment, Copilot licensing, data classification, and the Responsible Use guidelines. The VP for Research administers research-integrity guidance and the AI-related enforcement instrument, RES-004.

The AI@UVA portal organizes the initiative into seven thematic pillars: AI Research, News, AI in Teaching and Learning, Student Experience, AI and Public Service, AI in Operations, and AI in Healthcare. This is the most visible single-entry point for institutional AI signaling.

<https://ai.provost.virginia.edu/>

<https://genai.provost.virginia.edu/>

<https://uvapolicy.virginia.edu/policy/IRM-002>

Governance Bodies — A Sequence of Overlapping Task Forces

Governance authority at UVA has moved through a sequence of advisory bodies, each with a specific mandate and none with binding university-wide rulemaking power.

The **GenAI in Teaching and Learning Task Force** was formed in spring 2023 by then-Vice Provost Brie Gertler at the request of Provost Ian Baucom. Seven members, co-chaired by Natasha Heny (School of Education and Human Development) and Andrew Pennock (Batten). The task force ran six virtual town halls organized by school grouping, drew more than 300 faculty participants, and surveyed 504 students and 181 faculty. Its central finding was a communication gap: 77% of student respondents said their instructors did not make AI policies clear. The task force was advisory. It produced recommendations, not rules.

<https://provost.virginia.edu/subsite/genai/task-force-report>

The **Provost's Task Force on AI Research** was established by Baucom in October 2023 and published its final report, "Advancing AI Research at the University of Virginia," on March 31, 2024. Co-chaired by Rafael Alvarado (Associate Professor of Data Science) and David Evans (Professor of Computer Science). Members included Madhur Behl (Engineering), Hudson Golino (Psychology), Yael Grushka-Cockayne (Darden), Jingjing Li (McIntire), Jon Michel (UVA Health), and Ricky Patterson (Library). The report contained 19 recommendations covering computing resources, financial policy, strategy, an AI Research Center, ethics, P&T reform, and transparency.

https://s3.amazonaws.com/cdn.sites.provost.virginia.edu/files/AIResearchTaskForce-FinalReport_508.pdf

On October 6, 2025, Interim EVP and Provost Brie Gertler published an update reporting UVA's responses to the task force recommendations. Key actions: an increased base budget for Research Computing with one-time hardware and staff investments; a "Dedicated Computing" solution inside Research Computing; the launch of three AI Research Hubs (the LaCross Institute for Ethical AI in Business at Darden, the National Security Data and Policy Institute, and the Digital Technology for Democracy Lab, with a fourth health/medicine hub coalescing); 11 Commonwealth Chairs in AI distributed across seven schools for external faculty recruiting; the AI Catalyst faculty skill-development program; and the AI@UVA website itself.

<https://ai.provost.virginia.edu/2025-update-on-the-report-of-the-provost-s-task-force-on-ai-research>

Provost's Special Advisors on AI (2024–25): Yael Grushka-Cockayne (Darden) and Scott Acton (ECE; director of the VIVA image and video analysis lab) served in this role, developing the AI Research@UVA initiative based on the research task force recommendations. The Darden faculty directory continues to list Grushka-Cockayne as Special Advisor to the Provost on AI as of 2026, alongside her roles as Vice Dean and Senior Associate Dean for the Full-Time (Residential) MBA, Landmark Communication Professor of Business Administration, and Academic Co-Director of the LaCross Institute; the December 2025 LaCross conference program also listed the advisor role as current.

AI Research@UVA was established in fall 2025 as the institutional center called for by the task force. Co-directors Ryan Wright (Rolls-Royce Commonwealth Eminent Professor of Commerce, McIntire) and Henry Kautz (Professor of Computer Science) report jointly to the EVP/Provost and the VP for Research. The dual reporting line is the governance bridge between academic and research-enterprise authority. Wright previously served as Associate Dean for Strategic Initiatives and Senior Associate Dean for Faculty and Research at McIntire; his McIntire faculty page lists both deanships as past roles. Kautz served as NSF Division Director for Information and Intelligent Systems from 2018 to 2022, leading the National AI Research Institutes Program.

<https://ai.provost.virginia.edu/new-co-directors-for-ai-researchatuva>

<https://ai.provost.virginia.edu/ai-research-staff>

The **Provost's Advisory Committee on AI** is referenced in multiple sources as a coordinating body on which Wright serves. Its full composition and charter are not publicly documented.

A **Standing Committee on AI** was announced as in development in September 2025 in Gertler's Board of Visitors report, framed as a venue for the university to "think through how we ensure that our students understand how to use AI effectively and ensure that they understand its limits and the ethical and legal dimensions of this technology." By May 2026, Cavalier Daily coverage of the AI Literacy and Action Lab quoted Leo Lo describing the committee as established between the Provost's Office and the Center for Teaching Excellence, with subcommittees advising the Provost on AI in teaching, learning, and research, and as the origin of the Lab idea. Membership has not been publicly disclosed. The standing committee represents a shift from rotating task forces to ongoing advisory infrastructure.

<https://www.cavalierdaily.com/article/2025/09/academic-and-student-life-committee-discusses-research-funding-and-ai>

Cavalier Daily coverage of the AI Literacy and Action Lab launch (May 2026) with Lo's account of the established Provost-CTE committee and its subcommittee structure

<https://www.cavalierdaily.com/article/2026/05/joint-venture-between-the-library-and-arts-and-sciences-creates-new-ai-lab>

The **Data, AI, and Health Collaboratory (DAHC)**, launched January 22, 2026, is a cross-school coordination network jointly supported by the Schools of Data Science, Medicine, Engineering, Darden, and Education, and UVA Health. DAHC is not a chartered center. It organizes proposal coordination, seminars, and working groups, with planned groups on "safety and governance" and "clinical evaluation/silent-mode pilots." The six-school base makes it the broadest cross-unit AI governance arrangement at UVA.

<https://datascience.virginia.edu/research/DAHC>

Key Governance Personnel

Brie Gertler has served as Interim EVP and Provost since March 2025, following Baucom's departure for Middlebury. Commonwealth Professor of Philosophy. She formed the GenAI Task Force in 2023 as Vice Provost for Academic Affairs, supervised the development of AI@UVA, and now oversees

the governance structure from the Provost's chair. Her September 2025 faculty update identified AI@UVA as a priority initiative. No other person at UVA has touched every layer of AI governance from task force formation to chief academic officer. A national search for a permanent provost was paused in March 2026.

Ryan Wright holds the Rolls-Royce Commonwealth Eminent Professorship of Commerce and serves as Co-Director of AI Research@UVA and Special Advisor to the Provost for AI Research. He previously served as Associate Dean for Strategic Initiatives and Senior Associate Dean for Faculty and Research at McIntire. Co-author of the AI Exchange @UVA Substack.

Henry Kautz is Professor of Computer Science and Co-Director of AI Research@UVA. Former NSF Division Director for Information and Intelligent Systems (2018–2022).

Lori McMahon currently serves as Vice President for Research, confirmed as of September 2025 Board of Visitors coverage. UVA announced Frederick Epstein, Mac Wade Professor of Biomedical Engineering, Engineering's former associate dean for research, and former BME department chair for 11 years, as incoming VP for Research in November 2025. Epstein also served as Interim VP Research earlier in the transition. Melur K. "Ram" Ramasubramanian held the role from 2017 through 2025 before transitioning to a new assignment.

<https://news.virginia.edu/content/frederick-epstein-named-vice-president-research>

Kelly Doney is VP and CIO.

Leo Lo serves as Dean of Libraries and University Librarian (effective September 15, 2025) and, simultaneously, as Advisor to the Provost for AI Literacy. The dual appointment connects library information services to institutional AI governance. Lo holds a postgraduate diploma in Artificial Intelligence for Business from the University of Oxford Saïd Business School and served as 2024–25 president of the Association of College and Research Libraries, where he established a national Task Force on AI Competencies for Library Workers. His forthcoming ACRL book, *AI and the Future Workforce: A Reskilling Guide for Academic Libraries*, and his record of more than 100 AI-literacy presentations in the past two years position him as a national voice on the subject. The Library's AI Literacy and Action Lab page lists Lo as Professor of Education; his appointment announcement described a courtesy faculty appointment in the School of Education and Human Development. In April 2026 he co-founded the AI Literacy and Action Lab with the College of Arts & Sciences (see Sections III and VII).

<https://news.virginia.edu/content/accomplished-library-leader-ai-scholar-named-uva-librarian-and-dean-libraries>

Dean-level transitions in 2025–26 reshaped the AI leadership bench. Mike Lenox became Interim Dean of Darden effective January 1, 2026 (announced December 30, 2025), succeeding Scott Beardsley, who became UVA's 10th President in January 2026 and who had held the David M. LaCross Dean named deanship; Lenox is not a candidate for the permanent role, and Gertler has targeted fall 2026 for naming Darden's 10th dean. Jeffrey Blume is Interim Stephenson Dean of the School of Data Science, succeeding Philip Bourne. Amanda Cowen, Arthur B. and Claudia Cohen Bicentennial Eminent Professor of Commerce, became Interim John A. Griffin Dean of McIntire

effective July 1, 2025 on a one-year term after Nicole Thorne Jenkins stepped down June 30, 2025; the McIntire dean search resumed in September 2025. Melody Barnes is Founding Executive Director of the Karsh Institute of Democracy. Jennifer L. West is Dean of Engineering.

The Governance Gap

The Cavalier Daily editorial board assessed the architecture directly in May 2025. The GenAI Task Force, in the board's framing, "did not set out to create any real policy" and "fundamentally falls short of providing real change." The board called for a standardized departmental process for AI policies rather than the existing arrangement, which leaves classroom AI rules to individual faculty without structured scaffolding. The February 2026 Honor Week panel, featuring Honor Committee Chair Thomas Ackleson, Mona Sloane (Data Science/Media Studies), Leo Lo, Matthew Kirschenbaum (English), and Batten graduate student Ella Duus, revisited the question of whether UVA should adopt a general AI policy. The panel produced no resolution.

<https://www.cavalierdaily.com/article/2025/05/editorial-uva-needs-to-promote-better-artificial-intelligence-policies>

<https://www.cavalierdaily.com/article/2026/03/honor-week-panel-discusses-the-future-of-artificial-intelligence-in-academic-integrity>

<https://honor.virginia.edu/resources/artificial-intelligence>

The coordination infrastructure is broad. The regulatory authority is narrow. The distance between them defines UVA's current AI governance posture.

II. Policy Infrastructure & Institutional Alignment

UVA's policy stack consists of one system-wide IT policy, one research-integrity guidance document, one Faculty Handbook section, three school-level policies, a set of ITS guidelines, and the student-led Honor System's AI statement.

System-Wide Policies

IRM-002 (Acceptable Use of IT Resources) is the only university-wide policy that explicitly addresses AI. Generative AI tools, including UVA Copilot, are inside the definition of IT resources. IRM-002 applies to the Academic Division, the Medical Center, the College at Wise, and University-Associated Organizations. DeepSeek AI applications are explicitly prohibited on university devices and networks under Governor Youngkin's Executive Order 46. CapCut was added to the prohibited list in December 2025. TikTok and WeChat were previously banned under Executive Order 24.

<https://uvapolicy.virginia.edu/policy/IRM-002>

<https://uvapolicy.virginia.edu/glossary-terms/information-technology-it-resources>

Responsible Use of Generative AI Tools at UVA, published by ITS on July 8, 2024, provides definitions, liability guidance, data-protection language, and warnings about bias. These are guidelines, not binding policy.

https://virginia.service-now.com/its/?id=itsweb_kb_article&sys_id=8a0050d847fac610bb2b9c7b116d4317

The **VP for Research Reminder on Research Integrity and AI** is the only UVA AI guidance instrument with a named accountability provision. It defines three principles: accountability, disclosure, and attribution. RES-004 (Research Misconduct) functions as the enforcement mechanism. The Research Integrity Office documents scenarios involving AI, including data manipulation via AI output, misinterpretation of AI results, and privacy breaches from entering protected data into tools. External standards from COPE, ICMJE, NIH, NSF, Nature, Science, PNAS, PLOS, JAMA, and the National Academies are linked as reference.

<https://compliance.research.virginia.edu/about/integrity-and-ethics/reminder-importance-research-integrity-use-ai>

Faculty Handbook Section 3.3.14 codifies generative AI in teaching and learning. It references the Provost's GenAI page, the Faculty AI Guides program, and ITS tools, and confirms that faculty retain individual authority over classroom AI rules.

<https://faculty-handbook.provost.virginia.edu/3-3-14-generative-ai-genai-in-teaching-and-learning>

School-Level AI Policies

Three schools have published their own AI policies. Everything else defaults to Provost advisory guidance. Beyond formal policies, McIntire convened a school-level AI Advisory Task Force in spring 2024 that published a whitepaper, the only documented school-level AI governance body with a published output outside the three policy schools.

The **School of Data Science AI Policy** (October 2024) is the most comprehensive school-level instrument at UVA. It establishes student rights, syllabus requirements, baseline parameters, and prohibited-use categories with specified consequences.

<https://api.dsi.virginia.edu/sites/default/files/2024-10/Artificial%20Intelligence%20Policy.pdf>

The **School of Medicine MD Program Policy on Generative AI** (approved November 2023 by the Medical Education Management Committee, developed by the GenAI Advisory Team) frames AI as a tool, not a replacement, restricts AI use in clinical EHR environments with a named exception for Dax CoPilot, requires disclosure of AI use, and subjects violations to the SOM Code of Conduct and the Honor Code.

<https://med.virginia.edu/policies/uva-school-of-medicine-som-md-program-policy-on-generative-ai/>

UVA Wise's AI policy (spring 2024) is administered through CAFE (Center for Advancement of Faculty Excellence), which requires a clear AI policy in every course syllabus and provides sample policies from multiple faculty.

Provost Guidance (Advisory, Not Binding)

The Provost's Guidance for Faculty and Students addresses practical questions in FAQ form: faculty retain authority; students cannot be required to create accounts on non-UVA-licensed GenAI tools;

grading with AI is discouraged; students' original work is their intellectual property and may not be entered into tools that train on user content; UVA Copilot Chat is recommended when AI use is required for an assignment. A Quick Guide provides the condensed version.

<https://academic-affairs.provost.virginia.edu/quick-guide-genai>

Data Classification for AI

The University Data Protection Standards govern what data may enter which tools. Sensitive data may be used in prompts. Highly Sensitive data, including HIPAA-protected health information, FERPA-protected student records, and restricted research data, is prohibited in all generative AI tools. UVA Copilot represents the one narrow exception: with an A5 license, Highly Sensitive data is permitted in UVA Copilot's tenant-protected environment.

Honor System Statement

UVA's student-led Honor System maintains a standalone AI resource page. The Honor Code itself does not contain explicit AI language; violations are processed under existing honor provisions. The Honor Committee's approach is described as "open-minded, community-based, and thoughtful."

<https://honor.virginia.edu/resources/artificial-intelligence>

UVA Archival AI Protocol (UVA AAIP)

Developed by Leo Lo and the UVA Special Collections team, the protocol is the only documented AI governance instrument at UVA that specifically addresses archival and cultural-heritage materials. Core rule: irreversible models do not get access unless item-level provenance and meaningful attribution can be demonstrated in practice, and the archival organization retains contractually enforceable control to stop further use. Three operational pillars: Provenance and Attribution; Donor/Community/Ethical Obligations; and an operational dimension.

https://libraopen.lib.virginia.edu/public_view/2n49t189s

III. Teaching & Learning Posture

UVA's teaching-and-learning infrastructure for AI is built on peer development, not top-down mandate. The centerpieces are the Faculty AI Guides program, a CTE-managed suite of events and learning communities, the SCPS-developed flagship Canvas course, and the AI Ambassadors program spanning all twelve schools. The approach is to build faculty capacity rather than impose classroom rules.

Faculty AI Guides Program

A joint initiative of the EVP/Provost and CTE. The 2025–26 cohort has 27 faculty drawn from 10 schools, each appointed for one year at \$5,000 under a memorandum of understanding linking CTE, the Guide, the department chair, and the academic associate dean. Arts & Sciences supplies 15 of the 27 current Guides, the largest school share; the inaugural 2024–25 cohort of 51 included roughly 25 A&S faculty across 30 department listings. Responsibilities include completion of an August AI Institute training day, monthly peer learning communities, at least three discipline-relevant learning opportunities for colleagues (workshops, presentations, or lunch-and-learns), and ongoing

departmental consultation. The School of Medicine is excluded from the program, reflecting the separate MD Program governance structure.

The 2024–25 cohort exemplars named in CTE's syllabus-statements gallery include Garrick Louis (Engineering and Society) and Rip Verkerke (Law). The 2024–25 Architecture guides were Lisa Reilly (Commonwealth Professor of Architectural History) and Kyle Schumann (Assistant Professor of Architecture). McIntire's 2024–25 cohort was Kiera Allison, Stefano Grazioli, Jingjing Li, and Roger Martin.

<https://cte.virginia.edu/programs/faculty-ai-guides>

<https://teaching.virginia.edu/resources/example-ai-syllabus-statements-from-uva-faculty-ai-guides>

<https://www.arch.virginia.edu/news/profs-reilly-and-schumann-selected-universitys-ai-faculty-guides-program>

SCPS "Teaching in a World with Generative AI" Canvas Course

The flagship institution-wide faculty development course. Four asynchronous modules launched in August 2024 through UVACanvas. Kevin Lucey (SCPS Director of Instructional Design) served as instructional designer and project manager. Brie Gertler (Provost) and Michael Palmer (Barbara Fried Director, CTE) co-led the project. Faculty and staff from nine schools, plus CTE and the Library, participated on the project team, alongside a Faculty Advisory Committee and a Student Advisory Committee. This is the broadest cross-school teaching development effort at UVA.

<https://www.scps.virginia.edu/news/educating-uva-faculty-about-teaching-world-generative-ai>

AI Ambassadors Program

A Provost-level program pairing one group of named AI experts with all 12 UVA schools. Named members (from Nursing sources) include Kim Acquaviva (Betty Norman Norris Professor of Nursing) and Sarah Craig (Nursing). The full roster is not aggregated in a single portal location; ambassadors appear in unit-level news coverage across schools. The program is distinct from the GenAI Task Force, the AAC&U Institute team, the Faculty AI Guides, and the Advisory Committee.

<https://nursing.virginia.edu/news/artificial-intelligence-kim-acquaviva/>

AAC&U Institute on AI, Pedagogy, and the Curriculum

UVA joined the inaugural AY 2024–25 cohort with an eight-member team: Andrew Kennedy and Jess Taggart (CTE); Emily Scida and Fang Yi (Learning Design and Technology); Bethany Mickel (Library); Heidi Nobles (Writing Across the Curriculum); Kim Acquaviva (Nursing); and Spyridon Simotas (French).

AI Catalyst Program

A year-long (August–August) faculty development program for AI-new tenured and tenure-eligible faculty. Up to 15 faculty per cohort. Each participant receives \$10,000 in discretionary research funding plus mentoring, priority access to the Data Analytics Center, three cohort gatherings per semester, and a year-end showcase. Review happens first at the school level (up to five proposals forwarded), then by the AI Research Institute for final selection.

The 2025–26 cohort projects span fields: GANs and transformers for missing data in longitudinal studies; covert AI nudging in consumer choice; multi-agent LLM systems; a pipeline to transcribe 1.4 million BIA index cards for indigenous land policy research; ESG language shifts in mutual fund prospectuses; AI for Higgs boson detection; and AI medical imaging linking laboratory and clinical scans. The 2026–27 application deadline is May 15, 2026.

<https://ai.provost.virginia.edu/ai-upskilling>

AI Research Summer Upskilling Workshops

A June–July 2026 series of workshops for faculty at Shumway Hall's Data Visualization Lab (111 Breeden Way). Sessions include "Agentic Workflows in Practice" (June 5, extended), "Your First API Call: Scaling AI on UVA HPC" (June 10), "Smarter Literature Reviews with AI-Powered Tools" (June 23), "Converting Large-Scale Text into Analyzable Data" (June 23), "Vibe Coding: Rapid Research Prototyping with AI" (July 15), "Making AI Work Legible: Transparency, Reproducibility, and Trust" (July 23), and "AI-Enhanced Literature Reviews: Tools & Guardrails" (July 29, advanced, in-person only, at Shannon Library).

Thrive Course Development Grants

The Office of the Provost and CTE distributed Thrive grants for AY 2025–26 to UVA and UVA Wise faculty designing new or modified courses incorporating AI instruction. \$26,000 was distributed across 13 projects.

MegaSoTL-AI

A cross-institutional Scholarship of Teaching and Learning project with George Mason and James Madison. Co-PIs: Jess Taggart (UVA CTE), Breana Bayraktar (GMU), Dayna Henry (JMU). The project encompasses 10+ sub-projects on educator and student GenAI experiences. SCHEV funding received in 2024.

AI4VA Initiative

Run by the Office of the Vice Provost for Online Education and Digital Innovation (OEDI). UVA student teams are paired with Virginia small businesses for AI consulting projects: six-week engagements, 100+ hours, pro bono. Partners include Rüpen, Grow with Google, and the Charlottesville Regional Chamber of Commerce. Students receive the Grow with Google AI Professional Certificate. Most recent cycle: spring 2026.

AI Literacy and Action Lab

Launched April 17, 2026 as a joint venture of the College and Graduate School of Arts & Sciences and UVA Library, the AI Literacy and Action Lab is a structured, evidence-producing program built on Lo's five-competency AI Literacy Framework (technical knowledge, ethical awareness, critical thinking, practical skills, societal impact). University librarians trained as facilitators partner with faculty who bring courses, assignments, or research projects to the Lab; every engagement produces a published case study intended for a national evidence base. Five pilots span 2026: Korinek's economics course on AI and the Future of Work (spring), Piers Gelly's first-year writing collaboration with Monticello High School (spring), an OEDI/AI4VA community upskilling partnership (summer),

and planned fall pilots with David Danks (Philosophy & AI) and Andreas Gahlmann (biochemistry, the first STEM pilot). Fall 2026 brings a flagship one-credit seminar taught by Lo, "Thinking in the Age of AI," and three one-credit "AI Literacy Across the Disciplines" seminars taught by A&S faculty Matthew Hedstrom, Paul Torrey, and Matthew Burtner, plus an incubator pathway for multi-semester AI projects. Inside Higher Ed covered the Lab nationally in May 2026.

<https://www.businesswire.com/news/home/20260417206097/en/UVA-College-and-Graduate-School-of-Arts-Sciences-and-UVA-Library-Launch-AI-Literacy-and-Action-Lab>

<https://library.virginia.edu/ai/lab>

<https://www.insidehighered.com/news/student-success/college-experience/2026/05/01/teaching-ai-doing-not-studying>

AI Deal Lab (School of Law)

The School of Law announced the AI Deal Lab in April 2026, an initiative of George Geis and Dean Leslie Kendrick supported by the Law School Foundation and an anonymous alumnus donor. The lab plans a summer 2026 evaluation of AI platforms and the development of "fact-rich" deal simulations for transactional law teaching. The scale is modest relative to the university's other AI teaching investments.

Google AI for Education Accelerator

UVA was selected for the first cohort in August 2025, part of Google's \$9 billion investment across Virginia. The accelerator provides students, faculty, and staff no-cost access to Google Career Certificates and AI training courses.

<https://www.governor.virginia.gov/newsroom/news-releases/2025/august/name-1057282-en.html>

Coursera AI Partnership

UVA students, faculty, and staff have access to online AI courses through Coursera.

<https://www.coursera.org/partners/uva>

Teaching Hub and Faculty Resources

The Teaching Hub Generative AI gallery curates over two dozen resource collections. CTE publishes example AI syllabus statements from Faculty AI Guides. The AI Exchange @UVA Substack, co-authored by Ryan Wright (McIntire), covers AI across teaching, research, personal productivity, and operations.

<https://teaching.virginia.edu/galleries/generative-ai>

<https://aiatuva.substack.com/>

IV. Tool Ecosystem & Procurement Governance

UVA Copilot (Microsoft)

The primary institutionally licensed generative AI tool. Microsoft Copilot operates within UVA's secure tenant with enterprise data protection; prompt data stays in tenant and is not retained or used

for training. Two tiers: UVA Copilot Chat for all users with a central academic A5 Microsoft 365 license, supporting text, image, and voice-to-text prompts with real-time internet access; and UVA Copilot for Microsoft 365, integrated into Outlook, Word, PowerPoint, Teams, and Excel, available by request.

UVA Health, Darden, and Law each operate separate Microsoft tenants with distinct access credentials (computingid@arden.virginia.edu and computingid@lawschool.virginia.edu, respectively). The separate-tenant structure is consequential: Darden and Law each manage their own AI tool deployment, data classification, and license administration.

https://virginia.service-now.com/its/?id=itsweb_kb_article&sys_id=dbe41947dbe3f91066d98f38139619db

<https://hub.advancement.virginia.edu/subpage/uva-copilot>

UVA RC GenAI

Launched in March 2026 by UVA Research Computing as an Early Access program. The platform runs Kimi K2.5, a 1-trillion-parameter multimodal open-source model, on 8 NVIDIA H200 GPUs with a 60 queries/minute rate limit at no charge. Access is provided through a web portal (open-webui.rc.virginia.edu) and API. UVA Research Computing describes the service as offering reduced costs, enhanced data security, operational efficiency, and clear institutional ownership. The framing positions the service as a sovereign alternative to commercial API-based models for research workloads.

<https://www.rc.virginia.edu/2026/03/uva-research-computing-launches-uva-rc-genai/>

Research Computing Infrastructure

UVA Research Computing operates a tiered HPC environment serving 433 active PIs, 2,463 unique users, and 14 schools and organizations annually.

Afton is UVA's newest HPC system: 300 nodes with 96 cores each (28,800 cores total on AMD EPYC 9454), 750 GB–1.5 TB memory per node. Peak CPU performance: 1.5 PFLOP.

Rivanna holds 603 nodes and over 20,476 compute cores following its post-2019 upgrade.

Shared GPU resources across Afton and Rivanna include 55 nodes with NVIDIA RTX2080, RTX3090, A6000, V100, A40, A100 accelerators, plus an NVIDIA BasePOD. An NVIDIA HGX H200 GPU expansion was added April 3, 2026: 2 TB node CPU memory, 8-way connected Tensor Core GPUs at 141 GB VRAM per device, described as the "first of many planned for the coming year."

Rio Secure HPC handles HIPAA-regulated data through Ivy dedicated virtual machines.

Total shared storage across Afton and Rivanna: 8+ Petabytes.

The service model combines Service Unit (SU) allocations (1 SU = 1 core-hour, a new allocation = 1 million SUs) with Dedicated Computing arrangements. The **Data Analytics Center (DAC)** provides Small Analytics Resource Awards and, with the Library Digital Humanities Center, the DAC-DHC

Fellowship. The Task Force report described the DAC as "highly useful" but flagged that many faculty were unaware of it.

<https://www.rc.virginia.edu/userinfo/hpc/>

<https://www.rc.virginia.edu/service/high-performance-computing/>

<https://www.rc.virginia.edu/tags/hpc/>

Consensus Enterprise License

UVA holds an enterprise license for Consensus, an AI-powered academic search engine built on Semantic Scholar's dataset. Coordinated between ITS and the Library.

<https://guides.lib.virginia.edu/genai/consensus>

UVA Health AI Tools

UVA Health operates a separate AI ecosystem from central ITS governance. Named tools include:

- **RAMP** (Real-time Analytics Monitoring Platform): homegrown clinical decision-support ML platform; Senior Data Scientist Valentina Baljak presented at HIMSS25 in March 2025.
- **CoMET** (Continuous Monitoring and Early Treatment): Randall Moorman's continuous monitoring system, drawing data every two seconds with model updates every 15 minutes; deployed on COVID units.
- **Dax CoPilot**: EHR-integrated ambient clinical documentation; the only AI tool explicitly approved in SOM policy for patient care documentation.
- **YuelDesign / YuelPocket / YuelBond**: Nikolay Dokholyan's AI-powered drug discovery suite.
- **LogiRx**: Jeffrey Saucerman's AI drug-repurposing platform (PNAS 2025).
- **CARNA**: ML heart-failure risk assessment developed by Sula Mazimba, Josephine Lamp, and Kenneth Bilchick.
- **AI Vendor Evaluation Framework**: an internal procurement governance instrument developed by Glenn Wasson (Administrator of Analytics, PhD Computer Science), presented at HIMSS25. The framework categorizes AI tools across four risk levels with a grading system emphasizing transparency, accountability, and explainability.

<https://www.healthcareitnews.com/news/uva-health-ramps-ai-and-real-time-analytics>

<https://www.healthcareitnews.com/news/how-properly-evaluate-ai-technologies-uva-health-analytics-leader-has-answers>

Prohibited Applications

DeepSeek AI is prohibited on university devices and networks under Executive Order 46 (February 2025). CapCut was added in December 2025. TikTok and WeChat were banned earlier under Executive Order 24 (July 2023).

Administrative AI Adoption

Advancement is phasing in Copilot across operations (contact: AdvancementAI@virginia.edu). HR has issued Copilot guidance for performance-review writing, structuring, refining language, and summarizing key points. These deployments use the same tenant-protected infrastructure as the academic Copilot deployment.

<https://hub.advancement.virginia.edu/subpage/ai-frequently-asked-questions>

<https://hr.virginia.edu/career-development/pm/academic-employees>

Industry Tool Partnerships

The **Capital One Hub at the School of Data Science** (established 2024) is a collaborative space for SDS faculty and students. Prem Natarajan (Capital One EVP and Chief Scientist/Head of Enterprise AI) serves on the SDS Board of Directors. The **Capital One AI Research Neighborhood**, a planned 31,000-square-foot AI hub in the Whitehead Road Engineering Academic Building, anchors a \$4.5 million Capital One partnership with Engineering, which also funds a Capital One PhD Fellowship. The **UVA Data Justice Academy** is Capital One-supported.

<https://engineering.virginia.edu/news-events/news/capital-one-and-uva-engineering-announce-major-partnership-advance-ai-research-and-education>

V. Academic Integrity Integration

Honor Committee

UVA's student-led Honor System maintains a standalone AI resource page. The Committee's stated approach to AI is "open-minded, community-based, and thoughtful." The Honor Code itself does not contain explicit AI language; violations involving AI are handled under existing honor provisions rather than AI-specific rules. An Honor Committee representative served on the GenAI in Teaching and Learning Task Force in 2023.

<https://honor.virginia.edu/resources/artificial-intelligence>

Honor Week 2026 Panel

The February 2026 Honor Week panel brought together Committee Chair Thomas Ackleson (fourth-year Engineering student), Mona Sloane (Data Science/Media Studies), Leo Lo (Dean of Libraries and Advisor to the Provost on AI Literacy), Matthew Kirschenbaum (English), and Ella Duus (graduate Batten student). Topics: AI detection software, a proposed mandatory AI general-education requirement, the influence of AI tech corporations on the university, and whether UVA should implement a general AI policy. No resolution.

<https://www.cavalierdaily.com/article/2026/03/honor-week-panel-discusses-the-future-of-artificial-intelligence-in-academic-integrity>

School-Level Approaches

The SDS AI Policy (October 2024) includes clear penalties for prohibited AI use, the most explicit enforcement framework at the school level. The SOM MD Program Policy (November 2023) subjects AI violations to the SOM Code of Conduct and the Honor Code. The Nursing Student Handbook

addresses AI in an interpretive statement. The UVA Wise Honor System Constitution does not contain explicit AI language, but CAFE requires an AI policy in every course syllabus at Wise.

Provost Guidance on Integrity

Faculty retain authority over classroom AI policies. Students must be told the rules. The Provost's Office does not prescribe how faculty should address AI use; it requires only that they address it.

VI. Research Governance & Ethics

VP for Research Guidance

The VP for Research Reminder on Research Integrity and Use of AI is the only UVA AI guidance instrument with a named accountability mechanism: RES-004 (Research Misconduct). The document articulates three principles (accountability for AI-generated content, disclosure of AI tool use, and attribution of AI contributions) and links to external reference standards from COPE, ICMJE, NIH, NSF, Nature, Science, PNAS, PLOS, JAMA, and the National Academies. The Research Integrity Office (researchethics@virginia.edu) documents scenarios including data manipulation through AI output, misinterpretation of AI-produced results, and privacy breaches.

Policy stewards interviewed by the 2024 Task Force on AI Research included Megan Lowe (Assistant VP and Chief of Staff), Brian Davis (InfoSec Officer for Governance, Risk and Compliance), Kelly Hochstetler (Associate VP for Research Operations, Compliance & Policy), and David Hudson (Research Integrity Office). Cheryl Wagner (Chief of Staff to the VPR) and Frederick Epstein (then Interim VP Research) served as ex-officio members of the task force.

Highly Sensitive data is prohibited in all generative AI tools. The exception, UVA Copilot with A5 license, applies narrowly to the tenant-protected Copilot environment.

<https://compliance.research.virginia.edu/about/integrity-and-ethics/reminder-importance-research-integrity-use-ai>

<https://compliance.research.virginia.edu/about/integrity-ethics/reminder-importance-research-integrity-use-ai/helpful-links-standards>

AI Research@UVA and Dual Reporting

The AI Research@UVA co-directors report jointly to the EVP/Provost and the VP for Research. This is the governance bridge between academic and research-enterprise authority, a structural design the 2024 Task Force Report explicitly recommended. Co-directors: Ryan Wright (McIntire) and Henry Kautz (Computer Science). An advisory board with cross-University representation supports the center. The center's mandate: advance, coordinate, and expand AI research; foster interdisciplinary efforts; increase visibility of UVA AI work.

Task Force Recommendations on Research Infrastructure

The 2024 Task Force Report included 19 recommendations grouped by category: computing resources (Rec 1–4), a research expenditures tax or financial policy reform (Rec 5), strategy (Rec 6–7), AI Research Center establishment (Rec 8), center activities including AI Fellows, Research Hubs, data consortia, and SVAC3 team formation (Rec 9–12), ethics and policy (Rec 13–15), AI for the research

enterprise (Rec 16–17), P&T reform (Rec 18), and transparency (Rec 19). The October 6, 2025 Gertler update reported progress on most of these, notably base-budget expansion for Research Computing, establishment of research hubs, Commonwealth Chair distribution, and the AI Catalyst program.

DAHC and Cross-School Research Governance

The Data, AI, and Health Collaboratory (January 22, 2026) positions itself as a coordination network rather than a chartered center. Planned open working groups include "safety and governance" and "clinical evaluation/silent-mode pilots," which may produce IRB-relevant frameworks as the collaboratory matures. DAHC joins two existing SDS collaboratories (CAEDS with the School of Education, and DCADS, the Darden–Data Science collaboratory established 2022) in the SDS-as-convenor cross-school model.

IRB and Human Subjects

No AI-specific IRB guidance was identified in publicly available sources as of the snapshot date.

VII. Library & Information Literacy Signals

GenAI LibGuide

The UVA Library maintains a comprehensive, multi-tab GenAI LibGuide covering definitions, ethics, copyright and IP, available tools, UVA Copilot access, Consensus, and citation guidance. The guide links to the Provost's Office, the VP for Research, the Honor Committee, ITS, and CTE, making it the most integrated public-facing reference point for AI resources at UVA.

<https://guides.lib.virginia.edu/genai>

<https://guides.lib.virginia.edu/genai/consensus>

<https://guides.lib.virginia.edu/genai/copilot>

Three-Library Model

The Main Library, Claude Moore Health Sciences Library, and Darden Business Library each maintain separate AI guides tailored to their user communities. The HSL guide emphasizes clinical AI contexts; the Darden guide emphasizes business analytics and research tools. The HSL guide includes an automated PubMed feed of UVA-affiliated AI publications filtered for "Artificial Intelligence," "Large Language Models," or "Retrieval Augmented Generation" in the title or abstract, providing a live view of UVA's biomedical AI research output.

https://guides.hsl.virginia.edu/ai/ai_uva

Leo Lo and Library Leadership

Leo Lo's dual appointment as Dean of Libraries and Advisor to the Provost on AI Literacy (September 15, 2025) is the single clearest signal of the Library's elevated role in institutional AI governance. Lo's credentials include the Oxford Saïd AI for Business postgraduate diploma, the 2024–25 ACRL presidency, the ACRL Task Force on AI Competencies for Library Workers, more than 100 presentations on AI literacy in the past two years, and the forthcoming ACRL book. Together they position him as a national voice. Gertler's appointment announcement framed the hire in AI terms:

his "expertise in AI literacy will be invaluable in helping to equip our students and faculty for a world permeated by this technology."

Ricky Patterson (Director, Research Data Services & Social, Natural, and Engineering Sciences) served on the 2024 Task Force on AI Research. Bethany Mickel (Teaching and Learning team) served on the AAC&U Institute team.

<https://news.virginia.edu/content/accomplished-library-leader-ai-scholar-named-uva-librarian-and-dean-libraries>

AI Literacy and Action Lab

The Library co-founded the AI Literacy and Action Lab with the College and Graduate School of Arts & Sciences in April 2026 (see Section III for the full program description). The Lab operationalizes Lo's AI Literacy Framework through librarian facilitators embedded in courses, with named facilitators including Meridith Wolnick (Director of Teaching & Learning), Sherri Brown, Erich Purpur, Rebecca Coleman, Bethany Mickel, and Erin Pappas. The case-study output model channels the Library's instructional work into a national evidence base, the clearest extension of the Library's AI role from resource aggregation into curricular delivery.

<https://library.virginia.edu/ai/lab>

Ethical Dimension of AI Literacy Series

Lo launched this Library-hosted speaker series in late January 2026. His inaugural talk, "Memory Without Origin: Provenance, Consent, and Trust in the Age of Generative AI," was moved to a larger venue due to registration demand. The spring 2026 series has featured David Danks (Philosophy/SDS) among other UVA AI researchers. The series positions the Library as a public venue for AI intellectual engagement alongside its established information-aggregation role.

UVA Archival AI Protocol

Developed in early 2026 with the Special Collections team. See Section II.

AI Challenge

Ten hands-on activities adapted from a Clemson University framework, for students, faculty, and researchers exploring generative AI.

<https://guides.lib.virginia.edu/aichallenge/introduction>

VIII. Infrastructure & Strategic Investment Signals

Institutional AI Hubs and Centers

LaCross Institute for Ethical Artificial Intelligence in Business (Darden). Established by Board of Visitors approval in September 2024; the institute's own page says it was established in 2025. Academic Co-Directors are Yael Grushka-Cockayne (Vice Dean and Senior Associate Dean for the Full-Time MBA; Landmark Communication Professor of Business Administration) and Rajkumar Venkatesan (Ronald Trzcinski Professor of Business Administration); Marc Ruggiano serves as Founding Director and Special Advisor for AI Initiatives. Total philanthropic impact of more than

\$62 million from David (MBA '78) and Kathy LaCross, the largest AI gift to any business school in the world. The initial \$101 million gift (October 2023) earmarked \$50 million for the institute. Subsequent professorships added September 2024 include the LaCross AI in Business University Professorship (\$5M LaCross + \$5M Bicentennial match = \$10M endowment, explicitly supporting Darden–SDS collaboration) and a Practitioner Chair in AI. Scott Beardsley chaired the Advisory Council as Darden Dean before his move to the presidency.

LaCross FAIR Fellowships. The institute's Fellowships in AI Research program, which grew out of the Darden–Data Science collaboratory DCADS, funds cross-school AI research teams. The 2025 awards funded the Fioretto/Biggs and Levy/Agarwal projects from proposals spanning six UVA schools. The 2026 cohort, announced at the January 30, 2026 FAIR Symposium, comprises three teams and eight faculty fellows selected from 15 submissions across five schools: Robert Phillips (Darden) and David Danks (Data Science) on AI and managerial moral responsibility, with Darden Ph.D. student fellows Clark-Hamel and Becker; Tianhao Wang (Computer Science, Engineering), Michael Albert (Darden), and Jingjing Li (McIntire) on LLM-enabled abuse in digital advertising; and Nur Yildirim (Data Science), Luca Cian (Darden), and Cree Gaskin (UVA Health) on designing radiology AI for enhanced human-AI performance. The program page describes the fellowships as two-year awards of up to \$100,000; a School of Medicine article describes an 18-month duration.

<https://news.virginia.edu/content/uva-launches-institute-darden-school-business-focus-artificial-intelligence>

<https://news.darden.virginia.edu/2024/09/30/lacross-professorships-usher-in-a-new-era-in-ai-leadership-at-uva-darden/>

National Security Data and Policy Institute (NSDPI). Opened November 22, 2024 with a ribbon-cutting in the Rotunda attended by Director of National Intelligence Avril Haines and Senator Mark Warner. Funded by a \$20 million competitive ODNI contract. UVA's sixth university-level institute. Executive Director: Philip Potter (Batten). Six research areas (advanced computing, advanced materials, advanced microelectronics, AI and machine learning, next-gen energy, quantum) and four challenge areas (massive data, competition, emerging technologies, illicit finance). The Biocomplexity Institute holds a subaward with Madhav Marathe, Anil Vullikanti, and Samarth Swarup on the team. Other named personnel include Alexander Bick (Batten; former NSC Director for Strategic Planning), Peter Beling (SDS; generative AI research), Tyler Cody (SDS; systems theorist), postdoc Nathan Timbs (AI/ML for tracking illicit fentanyl shipments), Senior Advisor George Foresman (former first Under Secretary of Preparedness, DHS), and John Robinson (NSPC Director of Academic Programs).

<https://news.virginia.edu/content/senator-intelligence-chief-join-uva-leaders-open-national-security-institute>

<https://biocomplexity.virginia.edu/project/national-security-data-and-policy-institute>

Digital Technology for Democracy Lab. Hosted by the Karsh Institute of Democracy with faculty co-lead Mona Sloane (SDS + Media Studies). Independent site at dtldlab.virginia.edu. Fourteen research projects span Data in the Dark, Automation's Ecologies, Visual Misinformation, AI & the Environment, Student Technology Council, Gender & Tech, Co-Opting AI (multi-episode video

series), Urban Digital Twins, Data Center Policies, Descendant-Led Digital Humanities, and Cryptocurrency & Democracy, among others.

AI and Health/Medicine Hub. Named in the October 2025 Gertler update as "coalescing." The hub is the fourth of the four research hubs recognized in the update, alongside LaCross, NSDPI, and DTD Lab.

Pan-University Institutes (AI-Touching)

UVA's pan-university institute structure includes the Biocomplexity Institute, the Brain Institute, the Environmental Resilience Institute (Karen McGlathery, director), the Global Infectious Diseases Institute (Alison Criss, director), NSDPI, and the Paul and Diane Manning Institute of Biotechnology. The Data Science Institute preceded the School of Data Science (founding director Don Brown).

The **Paul and Diane Manning Institute of Biotechnology** supports a statewide clinical trials network. Bijoy Kundu's AI brain-cancer imaging work ties to the institute.

The **NSF-Simons CosmicAI Institute** contributes \$2.7 million to UVA for AI-powered astronomy and tool development.

The **Biocomplexity Institute** (relocated from Virginia Tech to UVA in 2018) anchors multiple AI-relevant research consortia: the AgAID Institute (a \$20 million NSF/USDA-NIFA National AI Institute with Washington State as lead, UVA subaward); ARPA-H BRAVE (up to \$40 million, Virginia Tech lead with UVA subcontract via Biocomplexity for AI-assisted healthy buildings); the Expeditions Award on Global Pervasive Computational Epidemiology (NSF; UVA as primary lead); the ACTION Institute (UC Santa Barbara lead); and the SaTC Frontier Center on Trustworthy Machine Learning (2018). DIMPLES won the Best Paper Award at the 39th ACM International Conference on Supercomputing (2025) for distributed influence maximization for pandemic planning on exascale systems.

<https://biocomplexity.virginia.edu/>

Commonwealth Chairs in AI

Eleven Commonwealth Chairs in AI have been distributed across seven schools to support external faculty recruiting. This is the single most concrete line-item investment in AI faculty expansion at the institutional level. The seven recipient schools are not publicly enumerated, but two chairs are identifiable from public sources: Matthew Kirschenbaum holds the Commonwealth Professorship of Artificial Intelligence and English (A&S), having rejoined UVA from Maryland (his personal site dates the appointment to January 2026; his Rare Book School biography says 2025), and an open Isaacson, Miller search seeks a Commonwealth Associate Professor or Professor of Artificial Intelligence and Environmental Sciences as part of a cluster hire tied to climate adaptation and water resilience.

<https://english.as.virginia.edu/people/matthew-kirschenbaum>

<https://www.imsearch.com/open-searches/university-virginia/commonwealth-professor-artificial-intelligence-and-environmental>

AI Catalyst Program

Up to 15 faculty per year at \$10,000 discretionary research funding each. See Section III.

Named AI Faculty Investments

David Danks holds the William L. Polk Jr. and Carolyn K. Polk JSF Distinguished University Professorship of Philosophy, AI, and Data Science. The \$10 million JSF professorship is the largest in the foundation's history. Danks started at UVA in January 2026 and teaches DS 2004 "Data Ethics" in Spring 2026, with one Philosophy course per semester from Fall 2026. He continues his DIVER Lab from UCSD and previously served on the National AI Advisory Committee.

Anton Korinek holds joint appointments in Economics (A&S) and Darden, was named to the TIME 100 AI 2025 list, and serves on Anthropic's Economic Advisory Council. He launched the Economics of Transformative AI (EconTAI) Initiative with Arts & Sciences support; the Richmond Fed dates the launch to August 2025 and Korinek's own site to September 2025. A&S communications describe EconTAI as the first dedicated research center at UVA focused on preparing the economy for AI systems that may match or exceed human-level intelligence; UVA economists Basil Halperin and Lee Lockwood are named to the initiative.

<https://as.virginia.edu/uva-economics-professor-named-times-list-most-influential-people-ai>

<https://news.darden.virginia.edu/2025/08/28/uva-dardens-anton-korinek-named-to-times-list-of-most-influential-people-in-ai/>

Matthew Kirschenbaum holds the Commonwealth Professorship of Artificial Intelligence and English (see Commonwealth Chairs above). Author of Mechanisms, Track Changes, and Bitstreams; member of the MLA task force on AI in Research and Teaching; two AI-focused books in progress.

Danielle K. Citron (Law) is the Jefferson Scholars Foundation Schenck Distinguished Professor of Law and Martha Lubin Karsh and Bruce A. Karsh Bicentennial Professor of Law, per her law.virginia.edu profile; some sources also identify her as Caddell and Chapman Professor of Law. A MacArthur Fellow and the #1 legal scholar in the Top 100 Law Scholars lists of both 2024 and 2025, the first woman to hold that ranking. Inaugural director of the LawTech Center. Sits on Axon's AI ethics advisory board. Participated in the Harvard-MIT AI Fund Principles Group. Advised the Biden White House Gender Policy Council.

Henry Kautz is the AI Research@UVA co-director and former NSF Division Director for Information and Intelligent Systems.

Federal Grants and External Funding (AI-Relevant)

\$5.9M NIH Bridge to AI Grant: Ishan Williams (Nursing, co-PI) with Randall Moorman (Medicine, co-PI); partners Mass General Hospital and University of Florida; focus on diverse patient data for equitable AI health systems.

\$900K NNSA award: Stephen Baek (SDS) with Kevin Gates; physics-informed machine learning for safe storage, monitoring, and handling of energetic materials.

<https://datascience.virginia.edu/news/professors-baek-and-gates-win-900k-award-nnsa-advance-physics-informed-machine-learning>

\$4.7M: Heman Shakeri (SDS) and Marc Breton (BME); automated insulin delivery and Type 1 Diabetes AI personalization.

\$1M NIH grant: Tom Hartvigsen (SDS); participatory multimodal AI in dermatology.

\$1.2M NIH grant: Emma Mitchell (Nursing); cervical cancer screening in Nicaragua.

\$800K Wake Forest Educating Character Initiative grant: Karsh Civic Cornerstone Fellowship expansion.

\$600K Frederick Thomas bequest: Jessica Keim-Malpass CoMET RCT (Nursing).

\$16M NNSA award (SAGEST): announced September 2025, directed by Xinfeng Gao (Mechanical and Aerospace Engineering) with UVA as the hub institution and partners at Ohio State, Utah, Minnesota, and Iowa; predictive simulation and hypersonics center with machine-learning error-correction at its methodological core. Juraj Foldes (Mathematics, A&S) supports the verification, validation, and uncertainty-quantification core.

<https://sagest.virginia.edu/>

\$112,870 Jefferson Trust: UVAi Vanguard, attributed by the Jefferson Trust to the College of Arts & Sciences; the team spans Psychology (Hudson Golino, Mariana Teles) and McIntire (Reza Mousavi, Jingjing Li) and built the Misinformation Susceptibility Test.

<https://jeffersontrust.org/grants/>

\$60K CMS AI Health Outcomes Challenge award (2020 finalist): Michel, Baljak, Wasson team.

Capital One Fellowship 2025–27: Sheng Li and Chirag Agarwal (SDS); trustworthy AI / financial AI.

Kevin Skadron (CS chair) SRC grant: \$29.7M over five years from the Semiconductor Research Corporation for new computer architecture coupling data storage and processing.

Research Enterprise Scale

UVA's annual research expenditure was \$662M in 2022 (NSF NCSES data). FY 2023 sponsored research reached \$531M (record, 18% growth). FY 2024 research spending: \$829M (16% rise). FY 2025 sponsored awards (July 2024–June 2025): \$570M (3.8% up). FY 2025 applications: \$2.9B (5.8% increase). Endowment (June 2023): \$13.6B. Prior trend data: NIH awards grew 66% over five years to \$207M in 2018–19; NSF awards grew 72% to \$42.5M; DoD awards grew 137% to \$41.8M.

Grand Challenges Research Investment

\$100 million in Grand Challenge investment, announced under Ramasubramanian, included a component identified as "keep AI algorithms fair and democratic online." The Grand Challenges framework organized strategic research priorities across five themes, of which Digital Technology and Society encompassed AI applications in healthcare, transportation, education, arts, and digital communication. McMahon's stated target: \$1 billion in annual research by 2030, with AI and data science as explicit investment priorities.

<https://research.virginia.edu/initiatives/strategic-research-themes>

Physical Infrastructure

The **Capital One AI Research Neighborhood**, a 31,000-square-foot AI hub planned for the Whitehead Road Engineering Academic Building, is the most visible physical AI investment: a \$2 million Capital One investment matched by \$2 million from the University, plus \$500,000 for Capital One Ph.D. Fellowship Awards, for a \$4.5 million total partnership. The Whitehead Road building itself carries a mixed public record. The 2025 Major Capital Plan adopted in June 2025 listed the project among those deferred due to financial uncertainty; November 2025 coverage reported site preparation underway; and on December 11, 2025 the Board of Visitors agreed to tap a strategic fund for additional money, with UVA's executive vice president and chief operating officer placing the project estimate "north of \$200 million" for a 60,000-square-foot building housing more than 50 faculty researchers. The school's advancement page sets an initial \$80 million philanthropy goal with state appropriation covering approximately 75% of total cost; \$5 million in gifts had been recorded as of late 2025.

<https://communityengagement.substack.com/p/december-11-2025-uva-engineering>

<https://infocville.com/2025/11/06/capital-one-makes-2-million-gift-to-uva-engineering-for-ai-center-at-new-building/>

<https://engineering.virginia.edu/about-our-school/advancement/whitehead-road-engineering-building-project>

The **Fontaine Research Data Center**, a \$72 million facility whose schematic design the Board of Visitors Buildings and Grounds Committee approved on March 5, 2026, will replace the University Data Center (opened 2011, approximately 1.5 megawatts) with 4 megawatts of initial capacity expandable to 16 megawatts, sited at Fontaine Research Park adjacent to the Fontaine Central Energy Plant for geothermal heating and cooling. Construction begins in 2026 for a target online date in early 2029. VP/CIO Kelly Doney and Josh Baller, Associate Vice President for Research Computing, presented the project to the Board's Finance Committee in March 2025, arguing on-premise capacity would run roughly one-fifth the cost of commercial cloud at UVA's projected scale and framing computational access as a faculty recruitment and retention issue.

<https://www.cavalierdaily.com/article/2026/03/buildings-and-grounds-committee-approves-wise-master-plan-fontaine-data-center>

<https://www.cavalierdaily.com/article/2025/03/finance-committee-reviews-data-center-approves-transfer-of-guesthouse-hotel>

A **Data Science and Entrepreneurship Building** planned for the Emmet-Ivy corridor was announced in March 2026. The \$77 million project, carried on the Major Capital Plan since June 2025 with design guidelines approved in September 2025, is funded in part by a \$20 million Quantitative Foundation grant announced in December 2024. The Board of Visitors Buildings and Grounds Committee approved the building's schematic design on June 4, 2026, at the same meeting at which it approved the FY2027 Major Capital Plan; the Finance Committee at the same meeting reviewed financial plans for an expansion of the Fontaine Data Center.

<https://news.virginia.edu/content/new-data-science-entrepreneurship-building-planned-uvas-emmet-ivy-corridor>

Cavalier Daily — Buildings and Grounds Committee approval of the SDS&E building schematic design and the FY2027 Major Capital Plan (June 2026)

<https://www.cavalierdaily.com/article/2026/06/buildings-and-grounds-approves-entrepreneurship-building-design-fy-27-capital-plan>

Information Charlottesville preview of the June 2026 Board of Visitors meeting documenting the second School of Data Science building, the Quantitative Foundation grant share, and the Fontaine Data Center expansion review

<https://infocville.com/2026/06/04/uvas-governing-body-to-review-second-data-science-building-coal-plant-replacement/>

The Paul and Diane Manning Institute of Biotechnology will support computational biology and AI-adjacent research. The Afton supercomputer and the NVIDIA HGX H200 GPU expansion are the core hardware investments in research computing (see Section IV).

Industry Partnerships and External Accelerators

Capital One's investments (the Hub at SDS and the Engineering AI Research Neighborhood) are the largest single industry partnership. Google AI for Education Accelerator membership (August 2025) provides no-cost access to Google Career Certificates and AI training courses. The Coursera partnership extends access to online AI coursework. The LaCross family gift to Darden stands as the largest single philanthropic AI investment at UVA, and one of the largest AI-related gifts to any business school globally.

IX. Public Statements & Executive Signaling

Scott Beardsley (10th President, January 2026–present)

Beardsley's AI credentials are the most extensive of any UVA president to date. He holds (or is completing) an Oxford MSt in Practical Ethics with a concentration in Artificial Intelligence from Pembroke College. As Darden Dean he held the David M. LaCross Dean named deanship, developed and chaired UVA's first AI institute (LaCross), catalyzed AI integration with UVA Health, and taught technology, AI ethics, and regulation. He led the development of the Master of Business Analytics Program at Darden, which has AI and machine learning components. In his introductory video as president, Beardsley cited "advancing innovation in areas like artificial intelligence" among his Darden accomplishments. No standalone AI strategy statement as president has been issued as of the snapshot date.

<https://news.virginia.edu/content/university-virginia-names-scott-c-beardsley-universitys-10th-president>

<https://president.virginia.edu/about-the-president>

<https://www.cavalierdaily.com/article/2025/12/scott-beardsley-appointed-uvas-10th-president>

Jim Ryan (9th President, resigned June 2025)

Ryan's AI signaling was limited. His most visible AI-adjacent public moment was the NSDPI ribbon-cutting, where he framed AI and cybersecurity research within a Jeffersonian institutional legacy. No standalone AI strategy statement was identified during his presidency.

Brie Gertler (Interim EVP and Provost)

Gertler's September 2025 faculty update identified the AI@UVA initiative as an institutional priority. Her October 6, 2025 Task Force update documented substantive UVA responses to the 19 recommendations of the 2024 report. Her trajectory from Task Force founder as Vice Provost to chief academic officer overseeing AI@UVA gives her unique standing authority on AI governance. Her September 2025 Board of Visitors appearance signaled the forthcoming Standing Committee on AI.

Lori McMahon (VP for Research)

McMahon identified AI and data science among strategic investment priorities at the August 2025 Research Retreat. Her \$1 billion research target by 2030 explicitly includes AI and data science expansion.

Philip Bourne (former Stephenson Dean, School of Data Science, through 2025)

Bourne's public framing consistently placed data infrastructure as the foundation for AI capability rather than AI as the foundation for data investment. Jeffrey Blume now serves as Interim Stephenson Dean.

Avril Haines (DNI, external)

At the NSDPI opening, Haines described the institute as a "first-of-its-kind" IC-academia partnership, the highest-profile external endorsement of UVA's national-security AI work.

Anton Korinek — External AI Visibility

Korinek's inclusion on the TIME 100 AI 2025 list and appointment to Anthropic's Economic Advisory Council represent the most prominent individual external AI recognition of any UVA faculty member to date. His external record also includes testimony at the Senate's Bipartisan AI Insight Forum (November 2023), contribution to the G7 High-Level Panel of Experts report on AI and economic policymaking (December 2024), editorship of the 2024 Oxford Handbook of AI Governance, and co-organization of the IMF's December 2025 workshop on the global economic and financial implications of AI, whose scenario-planning findings appeared in an April 2026 IMF Note.

Tom Tom Festival 2026

More than 50 UVA faculty members, students, and alumni were among the 300 speakers at the April 2026 Tom Tom Festival in Charlottesville, whose Civic Futures and Innovation Summit centered on AI and the future of work. Senator Mark Warner delivered an AI-and-workforce keynote weeks after co-introducing the Economy of the Future Commission Act; Ryan Wright appeared as a featured expert, telling UVA Today that "There is a window of two or three years when the AI rules we write,

the AI education programs we fund and the AI investments we make will shape the next 20" and citing Virginia's fourth-place national ranking in AI job postings; Michael Sheehy (director of research, Contemplative Sciences Center), Bethany Teachman (co-director, Thriving Youth in a Digital Environment initiative), and David Danks shared strategies for AI and human flourishing; and Nikki Hastings (CvilleBioHub and McIntire) and UVA Chief Innovation Officer Paul Cherukuri discussed regional innovation-hub expansion.

<https://news.virginia.edu/content/uva-experts-help-shape-ai-conversation>

FTC Chairman in a UVA Classroom

Andrew Ferguson '12, chairman of the Federal Trade Commission, appeared as a guest in the Law School's Emerging AI Legal Issues short course in April 2025.

<https://www.law.virginia.edu/news/202503/new-classes-explore-promise-and-predicaments-artificial-intelligence>

Bruce Holsinger — Public AI Literature

Holsinger's novel *Culpability* (2025), Oprah's Book Club 116th pick (July 2025), explores AI, self-driving cars, and drones. The selection represents AI entering UVA faculty public-facing cultural output at national scale.

<https://www.oprahdaily.com/entertainment/books/a65267815/oprah-book-club-pick-culpability-bruce-holsinger/>

Cavalier Daily Editorial Board

The May 2025 editorial is the most direct institutional criticism of UVA's AI governance approach. The board argued that the GenAI Task Force was insufficient, that students are caught between pressure to use AI and unclear rules, and that UVA needs a standardized departmental process for AI policies. The editorial framing has not been formally rebutted.

<https://www.cavalierdaily.com/article/2025/05/editorial-uva-needs-to-promote-better-artificial-intelligence-policies>

AI Exchange @UVA Newsletter

Co-authored by Ryan Wright (McIntire). The 2026 outlook featured a panel of 12 UVA experts offering AI predictions, including Raj Venkatesan (Darden) predicting a "breakthrough in physical AI" and Peter Youngs (Education) anticipating universities "under pressure for AI for research." This cross-Grounds panel signals the breadth of AI discourse at UVA.

<https://aiatuva.substack.com/>

X. Evidence Archive

Provost's Office GenAI in Teaching and Learning — guidance, programs, Task Force report

<https://genai.provost.virginia.edu/>

Provost's Quick Guide to GenAI

<https://academic-affairs.provost.virginia.edu/quick-guide-genai>

GenAI Task Force Report (2023)

<https://provost.virginia.edu/subsite/genai/task-force-report>

Provost's letter on the GenAI Task Force

<https://provost.virginia.edu/task-force-generative-ai-and-teaching-learning>

AI@UVA main portal — seven thematic pillars

<https://ai.provost.virginia.edu/>

AI@UVA Research page

<https://ai.provost.virginia.edu/research>

AI@UVA co-director announcement — Wright and Kautz, dual reporting structure

<https://ai.provost.virginia.edu/new-co-directors-for-ai-researchatuva>

AI Research @UVA Staff

<https://ai.provost.virginia.edu/ai-research-staff>

AI Research @UVA upskilling, AI Catalyst, summer workshops

<https://ai.provost.virginia.edu/ai-upskilling>

October 6, 2025 Update on the 2024 AI Research Task Force Report

<https://ai.provost.virginia.edu/2025-update-on-the-report-of-the-provost-s-task-force-on-ai-research>

2024 Provost's Task Force on AI Research — Final Report (March 31, 2024)

https://s3.amazonaws.com/cdn.sites.provost.virginia.edu/files/AIResearchTaskForce-FinalReport_508.pdf

Faculty Handbook Section 3.3.14 — GenAI in Teaching and Learning

<https://faculty-handbook.provost.virginia.edu/3-3-14-generative-ai-genai-in-teaching-and-learning>

CTE Faculty AI Guides program — cohort structure, eligibility, MOU

<https://cte.virginia.edu/programs/faculty-ai-guides>

Example AI Syllabus Statements from Faculty AI Guides — Louis, Verkerke exemplars

<https://teaching.virginia.edu/resources/example-ai-syllabus-statements-from-uva-faculty-ai-guides>

Architecture AI Guides announcement — Reilly and Schumann (2024–25)

<https://www.arch.virginia.edu/news/profs-reilly-and-schumann-selected-universitys-ai-faculty-guides-program>

Teaching Hub Generative AI gallery

<https://teaching.virginia.edu/galleries/generative-ai>

SCPS flagship Canvas course — "Teaching in a World with Generative AI"

<https://www.scps.virginia.edu/news/educating-uva-faculty-about-teaching-world-generative-ai>

Nursing article introducing AI Ambassadors — Acquaviva and Craig

<https://nursing.virginia.edu/news/artificial-intelligence-kim-acquaviva/>

IRM-002 Acceptable Use of IT Resources — includes generative AI

<https://uvapolicy.virginia.edu/policy/IRM-002>

IT Resources Glossary — generative AI definition

<https://uvapolicy.virginia.edu/glossary-terms/information-technology-it-resources>

Responsible Use of Generative AI Tools at UVA (July 2024)

https://virginia.service-now.com/its/?id=itsweb_kb_article&sys_id=8a0050d847fac610bb2b9c7b116d4317

UVA Copilot ITS page

https://virginia.service-now.com/its/?id=itsweb_kb_article&sys_id=dbe41947dbe3f91066d98f38139619db

UVA Copilot on Advancement hub — separate tenants reference

<https://hub.advancement.virginia.edu/subpage/uva-copilot>

VP for Research — Reminder on the Importance of Research Integrity & Use of AI

<https://compliance.research.virginia.edu/about/integrity-and-ethics/reminder-importance-research-integrity-use-ai>

External standards reference (COPE, ICMJE, NIH, NSF, etc.)

<https://compliance.research.virginia.edu/about/integrity-ethics/reminder-importance-research-integrity-use-ai/helpful-links-standards>

SDS AI Policy (October 2024)

<https://api.dsi.virginia.edu/sites/default/files/2024-10/Artificial%20Intelligence%20Policy.pdf>

SOM MD Program GenAI Policy (November 2023)

<https://med.virginia.edu/policies/uva-school-of-medicine-som-md-program-policy-on-generative-ai/>

Honor Committee AI resource page

<https://honor.virginia.edu/resources/artificial-intelligence>

UVA Research Computing — HPC user info

<https://www.rc.virginia.edu/userinfo/hpc/>

UVA Research Computing — High-Performance Computing service

<https://www.rc.virginia.edu/service/high-performance-computing/>

UVA Research Computing — HPC posts archive

<https://www.rc.virginia.edu/tags/hpc/>

UVA RC GenAI — Kimi K2.5 launch announcement (March 2026)

<https://www.rc.virginia.edu/2026/03/uva-research-computing-launches-uva-rc-genai/>

GenAI LibGuide — multi-tab reference

<https://guides.lib.virginia.edu/genai>

Consensus Library guide

<https://guides.lib.virginia.edu/genai/consensus>

Library Copilot guide

<https://guides.lib.virginia.edu/genai/copilot>

Claude Moore Health Sciences Library AI @ HSL guide

https://guides.hsl.virginia.edu/ai/ai_uva

AI Challenge — ten hands-on activities

<https://guides.lib.virginia.edu/aichallenge/introduction>

Leo Lo appointment announcement — Dean of Libraries and Advisor to Provost on AI Literacy

<https://news.virginia.edu/content/accomplished-library-leader-ai-scholar-named-uva-librarian-and-dean-libraries>

UVA Archival AI Protocol

https://libraopen.lib.virginia.edu/public_view/2n49t189s

DAHC — Data, AI, and Health Collaboratory

<https://datascience.virginia.edu/research/DAHC>

LaCross Institute launch — News Virginia

<https://news.virginia.edu/content/uva-launches-institute-darden-school-business-focus-artificial-intelligence>

LaCross Professorships (September 2024)

<https://news.darden.virginia.edu/2024/09/30/lacross-professorships-usher-in-a-new-era-in-ai-leadership-at-uva-darden/>

NSDPI opening — DNI Haines and Senator Warner

<https://news.virginia.edu/content/senator-intelligence-chief-join-uva-leaders-open-national-security-institute>

Biocomplexity Institute — NSDPI subaward

<https://biocomplexity.virginia.edu/project/national-security-data-and-policy-institute>

Biocomplexity Institute

<https://biocomplexity.virginia.edu/>

Google AI for Education Accelerator — Governor Youngkin announcement

<https://www.governor.virginia.gov/newsroom/news-releases/2025/august/name-1057282-en.html>

Coursera UVA Partnership

<https://www.coursera.org/partners/uva>

Capital One and UVA Engineering partnership announcement

<https://engineering.virginia.edu/news-events/news/capital-one-and-uva-engineering-announce-major-partnership-advance-ai-research-and-education>

Baek and Gates NNSA award

<https://datascience.virginia.edu/news/professors-baek-and-gates-win-900k-award-nnsa-advance-physics-informed-machine-learning>

Korinek TIME 100 AI recognition

<https://as.virginia.edu/uva-economics-professor-named-times-list-most-influential-people-ai>

Holsinger *Culpability* — Oprah's Book Club pick

<https://www.oprahdaily.com/entertainment/books/a65267815/oprah-book-club-pick-culpability-bruce-holsinger/>

UVA Health RAMP — Healthcare IT News

<https://www.healthcareitnews.com/news/uva-health-ramps-ai-and-real-time-analytics>

UVA Health AI Vendor Evaluation Framework — Healthcare IT News

<https://www.healthcareitnews.com/news/how-properly-evaluate-ai-technologies-uva-health-analytics-leader-has-answers>

Advancement AI FAQ — phased Copilot rollout

<https://hub.advancement.virginia.edu/subpage/ai-frequently-asked-questions>

HR performance management — Copilot guidance

<https://hr.virginia.edu/career-development/pm/academic-employees>

Strategic Research Themes

<https://research.virginia.edu/initiatives/strategic-research-themes>

Scott Beardsley appointment — 10th President

<https://news.virginia.edu/content/university-virginia-names-scott-c-beardsley-universitys-10th-president>

UVA Presidential page

<https://president.virginia.edu/about-the-president>

Cavalier Daily — Beardsley appointment coverage

<https://www.cavalierdaily.com/article/2025/12/scott-beardsley-appointed-uvas-10th-president>

Cavalier Daily editorial — AI policy criticism (May 2025)

<https://www.cavalierdaily.com/article/2025/05/editorial-uva-needs-to-promote-better-artificial-intelligence-policies>

Cavalier Daily — Honor Week AI panel (February 2026)

<https://www.cavalierdaily.com/article/2026/03/honor-week-panel-discusses-the-future-of-artificial-intelligence-in-academic-integrity>

Cavalier Daily — September 2025 BOV coverage, Standing Committee reference

<https://www.cavalierdaily.com/article/2025/09/academic-and-student-life-committee-discusses-research-funding-and-ai>

AI Exchange @UVA Substack — co-authored by Ryan Wright

<https://aiatuva.substack.com/>

Frederick Epstein named VP for Research (November 2025)

<https://news.virginia.edu/content/frederick-epstein-named-vice-president-research>

McIntire AI Advisory Task Force announcement — spring 2024 formation, whitepaper, AI Guides Program

<https://experience.mcintire.virginia.edu/news/mcintires-ai-task-force-keeps-school-the-forefront-business-education/>

McIntire AI Advisory Task Force whitepaper

<https://virginia.box.com/s/2xd1af7zzty8v0qkyvf5dtc5kwyymb0m>

Ryan Wright McIntire faculty page — current titles, prior deanships listed as past roles

<https://www.commerce.virginia.edu/faculty/rtw2n>

Yael Grushka-Cockayne Darden faculty directory — Vice Dean and Senior Associate Dean for the Full-Time MBA, Landmark Communication Professor, LaCross Academic Co-Director, Special Advisor to the Provost on AI

<https://www.darden.virginia.edu/faculty-research/directory/yael-grushka-cockayne>

Darden leadership pages — Lenox as Interim Dean, Grushka-Cockayne dual dean titles

<https://www.darden.virginia.edu/about/leadership/academic>

Danielle Citron UVA Law profile — Schenck Distinguished Professor and Karsh Bicentennial Professor of Law, LawTech Center inaugural directorship

<https://www.law.virginia.edu/faculty/profile/uqg7tt/2964150>

AI Literacy and Action Lab launch release (April 17, 2026)

<https://www.businesswire.com/news/home/20260417206097/en/UVA-College-and-Graduate-School-of-Arts-Sciences-and-UVA-Library-Launch-AI-Literacy-and-Action-Lab>

AI Literacy and Action Lab program page — pilots, fall 2026 courses, facilitators

<https://library.virginia.edu/ai/lab>

Inside Higher Ed coverage of the AI Literacy and Action Lab (May 2026)

<https://www.insidehighered.com/news/student-success/college-experience/2026/05/01/teaching-ai-doing-not-studying>

UVA Law AI Deal Lab announcement (April 2026)

<https://www.law.virginia.edu/news/202604/ai-deal-lab-coming-soon-uva-law>

UVA Law spring 2025 AI classes — Robertson course, Ferguson guest appearance

<https://www.law.virginia.edu/news/202503/new-classes-explore-promise-and-predicaments-artificial-intelligence>

Matthew Kirschenbaum UVA English profile — Commonwealth Professor of Artificial Intelligence and English

<https://english.as.virginia.edu/people/matthew-kirschenbaum>

Isaacson, Miller search — Commonwealth Professor of AI and Environmental Sciences

<https://www.imsearch.com/open-searches/university-virginia/commonwealth-professor-artificial-intelligence-and-environmental>

Darden Report on Korinek TIME100 recognition — EconTAI team naming Halperin and Lockwood

<https://news.darden.virginia.edu/2025/08/28/uva-dardens-anton-korinek-named-to-times-list-of-most-influential-people-in-ai/>

Richmond Fed Econ Focus Q4 2025 interview with Korinek — EconTAI launch dating

https://www.richmondfed.org/publications/research/econ_focus/2025/q4_interview

IMF Note 2026/002 — December 2025 AI workshop co-organized by Korinek

<https://www.imf.org/-/media/files/publications/imf-notes/2026/english/insea2026002.pdf>

Darden Report on 2025 FAIR fellowship awards

<https://news.darden.virginia.edu/2025/02/13/uva-darden-lacross-ai-institute-awards-fellowships-in-ai-research/>

SAGEST Predictive Simulation Center homepage

<https://sagest.virginia.edu/>

Jefferson Trust grants history — UVAi Vanguard \$112,870

<https://jeffersontrust.org/grants/>

Cavalier Daily — Buildings and Grounds Committee approves Fontaine data center schematic (March 2026)

<https://www.cavalierdaily.com/article/2026/03/buildings-and-grounds-committee-approves-wise-master-plan-fontaine-data-center>

Cavalier Daily — Finance Committee reviews data center (March 2025)

<https://www.cavalierdaily.com/article/2025/03/finance-committee-reviews-data-center-approves-transfer-of-guesthouse-hotel>

UVA News — Data Science and Entrepreneurship Building planned for Emmet-Ivy corridor (March 2026)

<https://news.virginia.edu/content/new-data-science-entrepreneurship-building-planned-uvas-emmet-ivy-corridor>

Charlottesville Community Engagement — December 2025 BOV strategic-fund action on the Whitehead Road engineering building

<https://communityengagement.substack.com/p/december-11-2025-uva-engineering>

Information Charlottesville — Capital One gift detail and 2025 Major Capital Plan deferral

<https://infocville.com/2025/11/06/capital-one-makes-2-million-gift-to-uva-engineering-for-ai-center-at-new-building/>

Whitehead Road Engineering Building advancement page — \$80M philanthropy goal, ~75% state appropriation

<https://engineering.virginia.edu/about-our-school/advancement/whitehead-road-engineering-building-project>

UVA Today — Tom Tom Festival 2026 UVA participation

<https://news.virginia.edu/content/uva-experts-help-shape-ai-conversation>

PART II**Unit Dossiers**

Each unit dossier follows a six-part structure: Governance & Policy, People, Teaching & Curriculum, Tools & Technology, Research & Scholarship, and Events & Programming.

- Unit 1. College of Arts & Sciences
- Unit 2. School of Engineering and Applied Science
- Unit 3. School of Data Science
- Unit 4. Darden School of Business
- Unit 5. McIntire School of Commerce
- Unit 6. School of Law
- Unit 7. School of Medicine & UVA Health
- Unit 8. School of Nursing
- Unit 9. School of Education and Human Development
- Unit 10. Batten School of Leadership and Public Policy
- Unit 11. School of Architecture
- Unit 12. School of Continuing and Professional Studies
- Unit 13. Biocomplexity Institute
- Unit 14. Library
- Unit 15. Information Technology Services & Office of the CIO
- Unit 16. Office of the VP for Research
- Unit 17. Provost's Office & Center for Teaching Excellence
- Unit 18. UVA's College at Wise
- Unit 19. National Security Data and Policy Institute

1.

Unit 1. College and Graduate School of Arts & Sciences

KEY SIGNALS

Between 2024 and 2026 the College moved from hosting prominent AI faculty without College-level AI structures to building several of its own: it co-founded the AI Literacy and Action Lab with the Library (April 2026), funded the \$2.5 million Interconnected Cosmos Initiative as an Area of Excellence, supported the launch of EconTAI, and recruited Matthew Kirschenbaum to a Commonwealth Professorship of Artificial Intelligence and English. A&S also anchors UVA's share of CosmicAI, one of only two NSF-backed national institutes for AI in astronomy, and supplies more Faculty AI Guides than any other school, with 15 of the 27 members of the 2025-26 cohort. The College still has no AI policy document of its own; its governance posture runs through Provost-level guidance while its AI footprint runs through programs, hires, and money.

The College and Graduate School of Arts & Sciences is UVA's largest academic unit, encompassing humanities, social sciences, and natural sciences departments under Dean Christa Acampora, Buckner W. Clay Professor of Philosophy. Computer Science is housed in the School of Engineering, not A&S, though A&S students take CS courses extensively. The College's AI posture shifted markedly over the inventory period: a unit whose AI identity once flowed almost entirely through jointly appointed faculty now co-owns a university AI literacy program, funds AI-intensive research initiatives, and holds at least one named Commonwealth Chair in AI.

1.1 Governance & Policy

No A&S-specific AI policy was identified. Faculty follow Provost-level guidance codified in Faculty Handbook Section 3.3.14 (renumbered from 3.3.15 in the 2025-26 edition), with individual authority over classroom AI policies.

The GenAI Task Force organized three of its six town hall sessions around A&S groupings: natural sciences, social sciences, and arts/humanities plus professional/continuing education. This gave A&S faculty the most extensive direct engagement with the Task Force process.

AI Literacy and Action Lab (Joint Venture with UVA Library)

On April 17, 2026, the College and UVA Library announced the AI Literacy and Action Lab, a joint venture and the first AI structure the College co-owns at the institutional level. The Lab is a structured, evidence-producing program grounded in the AI Literacy Framework developed by Leo S. Lo, University Librarian and Dean of Libraries, organized around five competencies: technical knowledge, ethical awareness, critical thinking, practical skills, and understanding AI's societal impact. Lo and Acampora collaborated to shape the Lab's first semesters. Every Lab engagement produces a

published case study intended to contribute to a national evidence base for AI literacy in higher education.

The Lab's operating model pairs faculty disciplinary expertise with University librarians trained as facilitators in the five competencies. Faculty bring a course, assignment, or research project to be mapped against the framework and matched with facilitators. The College's named contact for the Lab is Bill Ashby, Senior Associate Dean and Chief Operating Officer of Arts & Sciences, alongside Lo and Mira Waller, Associate University Librarian for Research and Learning Services. Inside Higher Ed covered the Lab nationally in May 2026, describing its delivery through faculty-led course pilots, a flagship one-credit seminar, a series of three one-credit AI courses, and an incubator pathway for AI projects extending beyond a single semester.

1.2 People

David Danks — Joint appointment in Philosophy (A&S) and Data Science. William L. Polk Jr. and Carolyn K. Polk JSF Distinguished University Professor of Philosophy, AI, and Data Science, funded by a \$10 million Jefferson Scholars Foundation professorship, the largest in the foundation's history. Started January 2026; teaches one class per semester in Philosophy beginning Fall 2026. Research spans AI ethics and societal impacts, causal discovery algorithms, philosophy of science, and computational cognitive science. He has described UVA's commitment to humanistic and social AI scholarship as unmatched: "There is no university doing more in that space right now than UVA." In early conversations with the AI Literacy and Action Lab about a fall 2026 pilot in his Philosophy & AI course. (Full biographical detail in Unit 3, Data Science.)

Matthew Kirschenbaum — Commonwealth Professor of Artificial Intelligence and English. Rejoined UVA, where he earned his doctorate (GSAS '99), after 25 years at the University of Maryland, where he finished as a Distinguished University Professor. His personal site dates the UVA appointment to January 2026; his Rare Book School biography says he rejoined in 2025. A scholar of texts and textual technologies whose work spans book history, media archaeology, digital humanities, and now AI, he is the author of *Mechanisms: New Media and the Forensic Imagination* (2008, MLA Prize for a First Book), *Track Changes: A Literary History of Word Processing* (2016), and *Bitstreams: The Future of Digital Literary Heritage* (2021). A Guggenheim and NEH Fellow, he serves on the Modern Language Association's task force on AI in Research and Teaching and is writing two books on AI: one on the political economy of text and one on the weaponization of AI in what some have called an epistemic crisis. He appeared on the Honor Committee's February 2026 panel on AI and academic integrity.

Brie Gertler — Commonwealth Professor of Philosophy and interim EVP and Provost (since March 2025). Led the formation of the GenAI Task Force in 2023 and supervised the development of the AI@UVA initiative as Vice Provost for Academic Affairs before assuming the chief academic officer role. Her research in philosophy of mind positions her to address conceptual questions about AI. A national search for a permanent provost was paused in March 2026. (Full role detail in Unit 17, Provost's Office.)

Anton Korinek — Professor in the Department of Economics (A&S) and the Darden School of Business; Faculty Director of the Economics of Transformative AI (EconTAI) Initiative, launched with Arts & Sciences support and described as the first dedicated research center at UVA focused on understanding and preparing the economy for AI systems that may match or exceed human-level intelligence. Named to the 2025 TIME100 AI list and to Vox's 2024 Future Perfect 50. His own site lists him as Nonresident Senior Fellow at Brookings and the Peterson Institute; Darden pages list him as a Visiting Fellow at Brookings. Member of Anthropic's Economic Advisory Council (appointed April 2025), Research Associate at NBER, Research Fellow at CEPR, editor of the 2024 Oxford Handbook of AI Governance. Testified at the Senate's Bipartisan AI Insight Forum on workforce preparation (November 2023) and contributed to the G7 High-Level Panel of Experts report on AI and economic and financial policymaking (December 2024). Co-organized the IMF workshop on the Global Economic and Financial Implications of AI (December 10-11, 2025), whose scenario-planning findings appeared in an April 2026 IMF Note. Interviewed in the Richmond Fed's Econ Focus (Q4 2025) and on the Hoos in STEM podcast (October 2025). Leads the AI Literacy and Action Lab's first course pilot. (Full Darden-side detail in Unit 4.)

Bruce Holsinger — Linden Kent Memorial Professor of English and Editor of New Literary History; Guggenheim Fellow. His fifth novel, *Culpability* (Spiegel & Grau, July 2025), centers on a fatal crash involving a family's self-driving minivan and the moral consequences of artificial intelligence; Oprah Winfrey selected it as the 116th Oprah's Book Club pick and called it the book of the summer. A medievalist by training, Holsinger discussed the novel and AI at a UVA Lifetime Learning event on November 13, 2025, moderated by Anna Katherine Clay (Media Studies), and in a session with Darden professor Bobby Parmar at the LaCross Institute's December 2025 conference.

Astronomy

Paul Torrey — Associate Professor of Astronomy and co-principal investigator of CosmicAI. A computational astrophysicist recruited to UVA two years before the institute's launch owing to the Virginia Institute for Theoretical Astronomy (VITA), he co-leads the institute's Dark Matter project team and will teach "Learning with AI in the Sciences," a one-credit AI literacy course, in fall 2026. He represented CosmicAI at the 2025 VASEM VirginiaAI Summit.

Nitya Kallivayalil — Professor of Astronomy; co-leads the CosmicAI Dark Matter team with Torrey, building AI-enabled tools to probe how competing dark matter models shape galaxy structure.

Ilse Cleeves — Associate Professor of Astronomy; astrochemist. Leads the Interconnected Cosmos Initiative, a \$2.5 million A&S Area of Excellence. With Robin Garrod, develops CosmicAI tools to accelerate complex astrochemical calculations.

Robin Garrod — Professor of Astronomy and Chemistry; astrochemist working on CosmicAI calculation-acceleration tools.

Steven Majewski — Chair of the Department of Astronomy and Vanderbilt Professor of Astronomy; the department's public voice for its expansion, including its postdoctoral growth and AI leadership.

Economics

Basil Halperin and **Lee Lockwood** — UVA economists named as part of the EconTAI initiative alongside Korinek. Halperin co-authored the January 2026 working paper "When Does Automating AI Research Produce Explosive Growth?"; Lockwood co-authored "Public Finance in the Age of AI: A Primer," forthcoming in an NBER volume on the economics of transformative AI.

Psychology and Cognitive Science

Hudson Golino — Associate Professor of Psychology (General Faculty) and Director of the Cognitive Science Program; member of the 2024 Task Force on AI Research. His Quantitative Methods and Data Science work focuses on generative psychometrics, LLM interpretability, and AI applications in psychological measurement. His lab developed AI-GENIE, a tool using LLMs to automate scale development and validation, and co-founded UVAi Vanguard.

Mariana Teles — Associate Professor of Psychology and UVAi Vanguard co-founder, working on AI manipulation and misinformation susceptibility.

Teague Henry — Psychology faculty member in the Quantitative Methods and Data Science area working on LLM interpretability and machine learning integration with psychometric methods.

Other Departments

Erik Linstrum — Professor of History; co-organized the "Rethinking the Inevitability of AI" conference series (July and December 2024) with Mar Hicks (Data Science), examining AI's environmental and social costs in historical context. Funded by the UVA Environmental Institute, the History Department, and SDS.

Lauren Bridges — Assistant Professor of Media Studies. Research examines the sociotechnical, political economic, and environmental politics of digital infrastructures, including data centers. Discussant for the July 2024 "Rethinking the Inevitability of AI" keynote; co-hosts a podcast on AI and environmental sciences. Previously a fellow at Harvard's Berkman Klein Center.

Piers Gelly — Assistant Professor of English; leads the AI Literacy and Action Lab's second pilot, in which first-year writing students design AI-informed lesson plans for Monticello High School classes.

Matthew Hedstrom — Associate Professor of Religious Studies and American Studies; Faculty AI Guide in both cohorts; teaches "Learning with AI in the Humanities: Reading and Writing with LLMs" in fall 2026.

Matthew Burtner — Professor of Music; teaches "Yeou Agnt: Creative Composition, Agency, and the AI Corpus" in fall 2026, in which students build original AI agents for creative composition.

Andreas Gahlmann — Associate Professor of Chemistry and Molecular Physiology and Biological Physics; Faculty AI Guide in both cohorts; exploring AI-scaffolded active learning in his biochemistry course and in early conversations with the AI Literacy and Action Lab about a fall 2026 STEM pilot.

Xi Yang — Associate Professor of Environmental Sciences; led the "Ghost Forests" project using AI and satellite data to map roughly six million dead trees along the US Atlantic coast, featured in Science.

Chris Deppmann — Associate Professor of Biology; quoted on AI integration in the classroom, inviting students to use AI as a learning aid.

Faculty Recruitment in AI

Beyond Kirschenbaum's filled chair, UVA has posted an open search for a Commonwealth Associate Professor or Professor of Artificial Intelligence and Environmental Sciences, framed as part of a cluster hire and tied to climate adaptation and water resilience research. The posting describes major university investments in AI research, including high-performance computing commitments and coordinated recruitment of faculty to strengthen the AI research community. The full distribution of the Commonwealth Chairs in AI across schools remains publicly unenumerated; these two positions are the A&S-linked chairs identifiable from public sources.

1.3 Teaching & Curriculum

AI Literacy and Action Lab Pilots and Courses

The Lab launched with five pilots spanning spring, summer, and fall 2026, four of them led by or involving A&S faculty:

Pilot 1 (spring 2026) embedded three librarians, Erich Purpur, Meridith Wolnick, and Rebecca Coleman, as instructional partners in Korinek's economics course on AI and the Future of Work. The librarians co-taught two sessions: a hands-on workshop on coding with AI agents, using tools including Claude Code, Google Antigravity, and OpenAI Codex, and a session on the critical thinking and ethics dimensions of the framework. Students developed group projects analyzing how AI is reshaping employment, economic growth, and inequality.

Pilot 2 (spring 2026) ran in Piers Gelly's first-year writing courses, where students developed AI-informed lesson plans for Tim Klobuchar's AP English and English 11 classes at Monticello High School, interviewing the teacher and reflecting on AI integration from both student and instructor perspectives. Facilitators Meridith Wolnick and Sherri Brown led a session on critical thinking and ethical awareness.

Pilot 3 (fall 2026, in early planning) would run in Danks's Philosophy & AI course, where students apply philosophical ideas to real-world uses of AI and use AI tools to build their projects.

Pilot 4 (fall 2026, in early planning) would bring the Lab's model into STEM for the first time through Gahlmann's biochemistry course (CHEM 4410), training a teaching assistant alongside a librarian partner to deliver AI literacy sessions designed as a replicable STEM template.

Pilot 5 (summer 2026) partners the Lab with AI4VA through the Office of Online Education and Digital Innovation, building asynchronous AI literacy modules and co-hosting weekly office hours, the Lab's first community upskilling engagement.

For fall 2026, Lo will teach a flagship one-credit seminar, "Thinking in the Age of AI: An AI Literacy Seminar," with co-instructors Bethany Mickel, Erich Purpur, and Erin Pappas, in which students audit their own AI usage history and analyze it. Three additional one-credit "AI Literacy Across the Disciplines" seminars are taught by A&S faculty: Hedstrom's "Learning with AI in the Humanities:

Reading and Writing with LLMs," Torrey's "Learning with AI in the Sciences: Tools, Limits, and Opportunities," and Burtner's "Yeou Agnt: Creative Composition, Agency, and the AI Corpus." The Cavalier Daily reported the three pilot courses in May 2026; Lo said the courses are intended to engage students in ethical conversations about AI and train them as leaders.

Faculty AI Guides

A&S supplies the largest share of the university's Faculty AI Guides, the joint Provost-CTE program in which faculty explore generative AI in their own teaching and advise colleagues. In the inaugural 2024-25 cohort of 51 Guides, A&S faculty held 30 department listings spanning roughly 25 individuals across African American & African Studies and Anthropology (Sebastian Jackson), American Studies and Art (Patricia Nguyen), Astronomy (Rich Ross), Biology (Andreas Gahlmann), Chemistry (Jelena Samonina), Classics and Philosophy (Ian McCready-Flora), Drama (Katelyn Wood), East Asian Languages, Literatures & Cultures (Jun Wang), Economics (Jessica Kripalani), English (Adrienne Ghaly, Dana Little), Environmental Sciences (Fred Cheng), French (Spyros Simotas), Germanic and Slavic (Anna Borovskaya-Ellis), Global Studies and History (David Singerman), Mathematics (Leo Petrov), Media Studies (Aaron Martin), Middle Eastern & South Asian Languages & Cultures (Suad Mohamed), Music (JoVia Armstrong), Physics (Bob Hirosky), Politics (Peter Johannessen), Psychology (Joey Meyer), Religious Studies (Matt Hedstrom), Sociology (Isaac Reed), Spanish, Italian & Portuguese (Nicole Bonino), and Statistics (Shan Yu).

The 2025-26 cohort of 27 Guides includes 15 A&S faculty, organized by the program into Humanities (Borovskaya-Ellis, Rhiannon Goad, Hedstrom, Heidi Nobles, Brad Pasanek, Simotas, Singerman, Jun Wang), Social Sciences (Tessa Farmer, Channing Mathews, Cynthia Tong, Nathan Wendte), and STEM (Gahlmann, Hirosky, Rich Ross). The program's pages list Ross under Astronomy in 2024-25 and under Statistics in 2025-26, and Gahlmann under Biology in 2024-25 and Chemistry in 2025-26.

A&S Learning Design — Getting Started with Generative AI

The A&S Learning Design team publishes a practical guide for faculty and students covering prompt engineering, tool comparison, and experiments. This is a College-level instructional resource, distinct from CTE's university-wide materials.

Cognitive Science Program

The A&S Cognitive Science Program spans Psychology, Neuroscience, Linguistics, Philosophy, and Computer Science. It provides a curricular pathway that naturally intersects with AI methods, including computational modeling, natural language processing, and machine learning, though no AI-specific cognitive science courses were identified.

CS AI Focal Path (Housed in Engineering)

Computer Science's AI Focal Path, a four-course curated sequence with a Letter of Completion, is available to all UVA students, including A&S students who take CS courses extensively. The path is administered by Engineering, not A&S.

1.4 Tools & Technology

No A&S-administered AI tools were identified. Faculty and students access university-wide tools (UVA Copilot Chat, Consensus) through central ITS infrastructure. At the course level, the AI Literacy and Action Lab's first pilot gave economics students hands-on exposure to agentic coding tools including Claude Code, Google Antigravity, and OpenAI Codex.

1.5 Research & Scholarship

CosmicAI — NSF-Simons AI Institute for Cosmic Origins

UVA is a co-leader of CosmicAI, one of only two NSF-backed national efforts focused on AI in astronomy, announced in September 2024 with UT Austin as lead and Utah, UCLA, the National Radio Astronomy Observatory, and NOIRLab as partners. The institute brings \$2.7 million to Grounds to support faculty, postdoctoral, and graduate research and will fund an AI in Astronomy conference in Charlottesville in 2029. UVA's footprint sits in the Department of Astronomy: Torrey and Kallivayalil co-lead a project team building AI-enabled tools to explore the nature of dark matter, and astrochemists Cleeves and Garrod are developing tools to make complex calculations millions of times faster. The NRAO, headquartered on Grounds, is a partner facility. Acampora said at the launch that the institute "inaugurates a new age of discovery for astronomers." Doctoral candidate Alex Garcia, who followed Torrey from Florida, expanded his work through CosmicAI into particle-physics approaches to dark matter detection and will take a postdoctoral position at Harvard.

In March 2025, CosmicAI and UVA hosted a teacher-training workshop on AI in the classroom for 38 Virginia educators, with sessions by Torrey and contributions from Natasha Heny (School of Education) and Dana Little (English).

Astronomy Investment and the Interconnected Cosmos Initiative

The College has paired CosmicAI with substantial internal investment. In December 2025 the dean's office committed roughly \$7 million in new support to the Department of Astronomy, bringing total recent commitments to about \$11 million over five years. The department's postdoctoral community, spread across the GECO, VICO, and VITA initiatives, is growing from five to ten fellows a few years ago toward more than 25 in fall 2026, and the College invested \$1.5 million to expand access to ground-based observatories including the Large Binocular Telescope in Arizona and facilities in Chile and New Mexico.

The Interconnected Cosmos Initiative, led by Cleeves and supported by \$2.5 million over three years as one of Arts & Sciences' Areas of Excellence, links astronomy, chemistry, physics, environmental sciences, engineering, and data science, supports co-mentored students and postdocs, and integrates laboratory astrophysics with large-scale simulations while leveraging UVA's NRAO connection for access to ALMA in Chile and the Very Large Array in New Mexico. Acampora framed the astronomy investments as part of a broader commitment to areas of excellence that cross traditional boundaries, citing the combination of theory, observation, laboratory science, and artificial intelligence.

EconTAI — Economics of Transformative AI Initiative

Korinek launched EconTAI with support from Arts & Sciences; the Richmond Fed dates the launch to August 2025 and Korinek's own site to September 2025. A&S communications describe it as the

first dedicated research center at UVA focused on understanding and preparing the economy for AI systems that may soon match or exceed human-level intelligence. The initiative engages in research, policy translation, and public education with UVA economists Basil Halperin and Lee Lockwood, analyzing how transformative AI will reshape labor markets, productivity, inequality, and economic growth. The initiative posted a manager position to support strategy, grants, events, and operations.

Psychology — Quantitative Methods and AI

The Department of Psychology's Quantitative Methods and Data Science area represents the most substantial AI research activity housed within a single A&S department. Faculty including Golino and Henry work on LLM interpretability, generative psychometrics, AI-assisted psychological measurement, and the integration of machine learning with traditional psychometric methods. The AI-GENIE tool, which automates scale development using LLMs, has been validated across multiple models with independent samples.

A cross-school collaboration between McIntire faculty (Jingjing Li, Reza Mousavi) and Psychology colleagues investigates the psychological dimensions of AI and LLM adoption, bridging business and cognitive research on technology use and behavior.

UVAi Vanguard

UVAi Vanguard, a \$112,870 Jefferson Trust grant awarded in the January 2024 annual cycle and attributed to the College of Arts & Sciences, integrates generative AI and LLMs into research, mentorship, and teaching. The team, Golino and Teles (Psychology) with Mousavi and Li (McIntire), studies AI-driven manipulation and works to reduce public susceptibility to fake news; the group created the Misinformation Susceptibility Test, described as the first metric measuring a person's susceptibility to misinformation. Golino told The Daily Progress the funding covers specialized computing, online data collection, and conference dissemination.

History — Critical AI Studies

The "Rethinking the Inevitability of AI" conference series, co-organized by Linstrum (History) and Hicks (Data Science), produced two events in 2024 examining the environmental costs, labor implications, and historical context of AI development. The series drew participants from multiple countries and received Environmental Institute funding, with a potential edited volume or journal special issue under consideration.

Environmental Sciences — AI Mapping

Xi Yang's "Ghost Forests" project used AI and satellite data to map approximately six million dead trees along the US Atlantic coast from Maine to South Carolina, with PhD researcher Henry Yeung as collaborator. The work was featured in Science.

Other Research

AI research by other A&S-affiliated faculty operates through joint appointments and institutional roles: Danks through SDS, Gertler through the Provost's Office. In May 2026, Torrey, Cleaves, and Bradley Johnson hosted a virtual media roundtable on how UVA astronomers use AI, advanced simulations, and instrumentation to map the universe.

1.6 Events & Programming

AI Literacy and Action Lab Launch

The Lab's launch celebration took place April 17, 2026, in the Shannon Library Atrium, with remarks from Acampora, Lo, Korinek, and Gelly on equipping students, faculty, and the community to manage the rise of AI.

Honor Week AI Panel

The Honor Committee's February 20, 2026 panel on the future of AI in academic integrity featured Kirschenbaum and Lo alongside Mona Sloane (Data Science and Media Studies), Honor chair Thomas Ackleson, and Batten graduate student Ella Duus. The panel unanimously agreed that a university-wide AI policy from the Provost's Office would not be the best path, citing concern that it could restrict learning about AI, and discussed a proposed mandatory AI literacy course covering use, ethics, and academic ramifications.

Rethinking the Inevitability of AI Conference

A two-part conference series organized by A&S History faculty (Linstrum) and SDS faculty (Hicks). Part 1 (July 18, 2024) focused on computing infrastructure's environmental costs. Part 2 (December 6, 2024) examined "Assimilation and Refusal in the History of AI." Both events were virtual and open to participants globally. Keynote speakers included Tamara Kneese (Data & Society) and Mél Hogan (Queen's University). UVA participants included Bryn Seabrook (Engineering and Society) and Khari Johnson (DTD Lab practitioner fellow).

GenAI Task Force Town Halls

Three of the six virtual town halls were organized around A&S divisions: natural sciences, social sciences, and arts/humanities plus professional/continuing education.

AIML Seminar

The weekly AI and Machine Learning Seminar, hosted by CS faculty in Engineering, is open to the broader UVA community including A&S faculty and students. The seminar runs actively through 2024-2026 with talks ranging from LLM agents and reinforcement learning to materials science and AI, computer vision, and trustworthy AI. Archived videos are available.

Co-Opting AI: Libraries Panel

Mona Sloane (Data Science/Media Studies, with a courtesy appointment connecting to A&S) hosted the "Co-Opting AI: Libraries" panel in November 2025, examining AI's impact on libraries as social infrastructure. The panel included Eric Klinenberg (NYU) and practitioners from public library systems.

Culpability Public Programming

Holsinger discussed Culpability, AI, and resilience at a UVA Lifetime Learning event on November 13, 2025, moderated by Anna Katherine Clay, and in a December 2025 session at the LaCross Institute conference with Bobby Parmar.

Karen Hao Talk

Journalist Karen Hao, who covers AI's societal impact, gave a talk in fall 2025 on how the university could better integrate AI literacy rather than simply encouraging AI use, as referenced in Cavalier Daily opinion coverage.

Gaps and Observations

The v1 picture of A&S, a college whose three highest-profile AI faculty all routed their AI activity through other units, no longer holds. Within roughly eighteen months the College co-founded the AI Literacy and Action Lab, funded the Interconnected Cosmos Initiative as an Area of Excellence, backed EconTAI's launch, recruited a Commonwealth Professor of AI and English, and opened a second Commonwealth AI chair search in Environmental Sciences. The College now has programmatic and financial AI infrastructure of its own.

What it still lacks is an AI policy or strategy document. There is no A&S statement on classroom AI use, no College-level guidance beyond the Learning Design how-to guide, and no dean-level AI strategy on the public record. The College's governance posture remains entirely derivative of Provost-level guidance even as its programmatic posture has become one of the most active at the university. The contrast with the Faculty AI Guides data sharpens this: A&S supplies more than half of the current cohort, yet the school those Guides come from publishes no AI position of its own.

The Lab's evidence-producing design, with a published case study from every pilot, is a distinctive feature among the AI literacy programs documented in this inventory and gives the College a national visibility channel that its policy silence does not.

Department-level activity remains uneven by design of the evidence. Psychology and Astronomy show deep, funded AI research programs; English now holds two of the College's most visible AI figures in Kirschenbaum and Holsinger; Statistics, Physics, and most language and humanities departments surface in the record only through Faculty AI Guides participation.

Cross-References

- **School of Engineering (Unit 2):** CS AI Focal Path available to A&S students; AIML Seminar open to broader community; Foldes (Mathematics) supports SAGEST's uncertainty-quantification core.
- **School of Data Science (Unit 3):** Danks holds joint Philosophy/SDS appointment; Hicks (SDS) co-organized the Rethinking the Inevitability series with Linstrum; Sloane holds SDS/Media Studies appointments.
- **Darden School of Business (Unit 4):** Korinek holds joint Economics/Darden appointment; EconTAI spans both; Holsinger discussed Culpability at the December 2025 LaCross conference.
- **McIntire School of Commerce (Unit 5):** Li-Mousavi-Psychology AI research collaboration; UVAi Vanguard connects McIntire and A&S faculty.
- **School of Education (Unit 9):** Natasha Heny and Dana Little contributed to the CosmicAI teacher-training workshop.

- **Library (Unit 14):** AI Literacy and Action Lab is a joint A&S-Library venture; Lo's framework and facilitator corps anchor the Lab.
- **Provost's Office & CTE (Unit 17):** Gertler led the GenAI Task Force from her Vice Provost role; Faculty AI Guides is a joint Provost-CTE program; Thrive course development grants fund AI course development.
- **Part I, Section III (Teaching & Learning Posture):** AI Literacy and Action Lab pilots and one-credit course series.
- **Part I, Section VII (Library & Information Literacy):** Lo's AI Literacy Framework underpins the Lab.
- **Part I, Section VIII (Infrastructure & Strategic Investment):** CosmicAI, EconTAI, Interconnected Cosmos Initiative, Commonwealth Chairs in AI.

Sources

A&S announcement of UVA's co-leadership of CosmicAI — \$2.7M to Grounds, Torrey/Kallivayalil Dark Matter team, Cleeves/Garrod astrochemistry tools, 2029 Charlottesville conference, Acampora launch quote

<https://as.virginia.edu/news/uva-co-host-ai-powered-astronomy-institute>

A&S feature on the Department of Astronomy's expansion — \$7M December commitment, ~\$11M over five years, postdoc growth, \$1.5M telescope access, Interconnected Cosmos Initiative (\$2.5M Area of Excellence), Torrey and Majewski quotes, Alex Garcia trajectory

<https://as.virginia.edu/news/new-era-astronomy-uva>

CosmicAI teacher-training workshop — 38 Virginia educators, March 2025, Torrey sessions, Heny and Little contributions

<https://www.cosmicai.org/news/empowering-educators-cosmicai-and-uva-host-teacher-training-workshop-on-ai-in-the-classroom>

Newswise advisory for the May 2026 virtual media roundtable — Torrey, Cleeves, Bradley Johnson on AI and mapping the universe

<https://www.newswise.com/articles/uva-virtual-media-roundtable-mapping-the-universe-with-uva-astronomers>

Business Wire release announcing the AI Literacy and Action Lab — April 17, 2026 launch, joint venture framing, five-competency framework, pilot descriptions, Lo quotes

<https://www.businesswire.com/news/home/20260417206097/en/UVA-College-and-Graduate-School-of-Arts-Sciences-and-UVA-Library-Launch-AI-Literacy-and-Action-Lab>

UVA Library AI Literacy and Action Lab page — full pilot roster with facilitators, fall 2026 flagship seminar and three one-credit courses, framework links, Lab contacts including Bill Ashby (A&S)

<https://library.virginia.edu/ai/lab>

UVA Library news on the Lab launch — Lo-Acampora collaboration, pilot status, Wolnick quote

<https://library.virginia.edu/news/2026/new-ai-literacy-and-action-lab-creates-pathway-understanding-judgment-and-experimentation>

UVA Today Q&A with Leo Lo — Lab launch context, library mission framing

<https://news.virginia.edu/content/qa-age-ai-what-library>

Newswise launch advisory — April 17 launch celebration at Shannon Library Atrium, Acampora/Lo/Korinek/Gelly as speakers

<https://www.newswise.com/articles/the-university-of-virginia-college-and-graduate-school-of-arts-sciences-and-uva-library-have-founded-the-ai-literacy-and-action-lab>

Inside Higher Ed coverage of the Lab — national framing, flagship seminar, three one-credit courses, incubator pathway

<https://www.insidehighered.com/news/student-success/college-experience/2026/05/01/teaching-ai-doing-not-studying>

Cavalier Daily on the three AI literacy pilot courses — Lo's framing of the courses' goals

<https://www.cavalierdaily.com/article/2026/05/uva-pilots-three-new-artificial-intelligence-literacy-courses>

Matthew Kirschenbaum English department profile — Commonwealth Professor of Artificial Intelligence and English, career history, books, MLA AI task force, current AI book projects

<https://english.as.virginia.edu/people/matthew-kirschenbaum>

Rare Book School biography of Kirschenbaum — "rejoined UVA in 2025" dating, career detail

<https://rarebookschool.org/faculty/library/matthew-kirschenbaum/>

Kirschenbaum personal site — "As of January 2026, I am Commonwealth Professor of Artificial Intelligence and English at the University of Virginia"

<https://mkirschenbaum.wordpress.com/>

Isaacson, Miller posting for the Commonwealth Professor of Artificial Intelligence and Environmental Sciences — open search, cluster hire framing, AI investment context

<https://www.imsearch.com/open-searches/university-virginia/commonwealth-professor-artificial-intelligence-and-environmental>

A&S news on Korinek's TIME100 AI recognition — Acampora quote, EconTAI launch with A&S support, "first dedicated research center" framing

<https://as.virginia.edu/news/uva-economics-professor-named-times-list-most-influential-people-ai>

UVA Today on Korinek's TIME100 recognition — College attribution, EconTAI description

<https://news.virginia.edu/content/uva-professor-named-list-most-influential-people-ai>

Darden Report on Korinek's TIME100 recognition — EconTAI team naming Halperin and Lockwood

<https://news.darden.virginia.edu/2025/08/28/uva-dardens-anton-korinek-named-to-times-list-of-most-influential-people-in-ai/>

Korinek's Darden faculty directory profile — titles, research agenda, publications, Senate testimony, G7 panel

<https://www.darden.virginia.edu/faculty-research/directory/anton-korinek>

Korinek personal site — Brookings/Peterson nonresident senior fellowships, Anthropic council appointment date, EconTAI September 2025 launch entry, publication record with Halperin and Lockwood

<https://www.korinek.com/>

EconTAI initiative site — mission statement

<https://www.econtai.org/>

Richmond Fed Econ Focus Q4 2025 interview with Korinek — August 2025 EconTAI launch dating, career arc, UVA arrival in 2018

https://www.richmondfed.org/publications/research/econ_focus/2025/q4_interview

IMF Note 2026/002 on the Global Economic and Financial Implications of AI — December 2025 workshop co-organized by Korinek, scenario-planning approach

<https://www.imf.org/-/media/files/publications/imf-notes/2026/english/insea2026002.pdf>

Hoos in STEM podcast episode with Korinek — Ken Ono interview on the economics of AI

<https://research.virginia.edu/podcast/hoos-in-stem/anton-korinek-and-economics-artificial-intelligence>

Virginia state jobs posting for the EconTAI Manager — initiative operations, scope

<https://www.jobs.virginia.gov/jobs/manager-economics-of-transformative-ai-initiative-charlottesville-virginia-united-states>

English department news on Culpability's Oprah selection — book club pick, media attention

<https://english.as.virginia.edu/prof-bruce-holsingers-novel-culpability-oprahs-book-summer>

UVA Today Q&A with Holsinger — Oprah call, novel's AI themes, 116th pick

<https://news.virginia.edu/content/qa-why-did-oprah-call-uva-professor>

UVA Lifetime Learning event page — November 13, 2025 Culpability discussion, Linden Kent Memorial Professor title, New Literary History editorship, Clay as moderator

<https://engagement.virginia.edu/learn/20251113-culpability>

LaCross Institute conference page — Holsinger-Parmar Culpability session and Korinek keynote at the December 2025 conference

<https://www.darden.virginia.edu/lacross-ai-institute/events/conference>

CTE 2024-2025 Faculty AI Guides roster — 51-member cohort, A&S department-by-department listings

<https://cte.virginia.edu/programs/faculty-ai-guides/2024-2025-faculty-ai-guides>

CTE 2025-2026 Faculty AI Guides roster — 27-member cohort, 15 A&S members across Humanities, Social Sciences, and STEM groupings

<https://cte.virginia.edu/programs/faculty-ai-guides/2025-2026-faculty-ai-guides>

CTE GenAI initiatives page — cohort sizes, program structure, Thrive course development grants

<https://cte.virginia.edu/genai-initiatives>

Jefferson Trust grants history — UVAi Vanguard \$112,870 award attributed to the College of Arts & Sciences

<https://jeffersontrust.org/grants/>

Daily Progress on the January 2024 Jefferson Trust awards — UVAi Vanguard team (Golino, Teles, Mousavi, Li), Misinformation Susceptibility Test, Golino funding quote

https://dailyprogress.com/news/local/education/robot-tutors-summer-internships-and-ai-jefferson-trust-awards-1-4m-to-17-projects-in/article_06b916b4-bc91-11ec-85cf-238420a1b703.html

CBS19 on the Jefferson Trust awards — UVAi Vanguard project description

https://www.cbs19news.com/news/uva/grant-funding-for-projects-programs-around-grounds/article_902fb58a-99a8-5b18-a4e8-eab804512682.html

A&S news profile of Hudson Golino — AI-GENIE, generative psychometrics, interpretable AI research

<https://as.virginia.edu/news/reading-artificial-minds-hudson-golino-brings-human-insight-machine-intelligence>

Psychology Department Quantitative Methods and Data Science area — AI-GENIE tool, LLM interpretability research

<https://psychology.as.virginia.edu/quantitative-methods-data-science>

McIntire news on the Li-Mousavi-Psychology AI collaboration — interdisciplinary LLM research bridging commerce and cognitive science

<https://experience.mcintire.virginia.edu/news/jingjing-li-reza-mousavi-psychology-peers-ai-project/>

A&S news on the Ghost Forests project — Xi Yang's AI and satellite mapping of dead trees, Science feature

<https://as.virginia.edu/news/ai-maps-ghost-forests-maine-south-carolina>

Rethinking the Inevitability of AI conference series site — Linstrum and Hicks co-organization, Environmental Institute funding, July and December 2024 events

<https://uva.theopenscholar.com/rethinking-the-inevitability-of-ai/>

SDS Q&A with Mar Hicks on the conference series — highlights, Lauren Bridges as discussant

<https://datascience.virginia.edu/news/qa-rethinking-inevitability-ai-mar-hicks>

Environmental Institute project page — Rethinking the Inevitability of AI funding and description

<https://environment.virginia.edu/ai-and-society>

Cavalier Daily on the Honor Week AI panel — February 20, 2026, Kirschenbaum and Lo participation, panel consensus against a university-wide AI policy, mandatory AI literacy course discussion

<https://www.cavalierdaily.com/article/2026/03/honor-week-panel-discusses-the-future-of-artificial-intelligence-in-academic-integrity>

Cavalier Daily opinion referencing the fall 2025 Karen Hao talk on AI literacy

<https://www.cavalierdaily.com/article/2026/01/garvie-uva-should-focus-on-understanding-ai-before-implementing-it>

Co-Opting AI: Libraries panel — Sloane hosting, November 2025

<https://dtdlab.virginia.edu/event/co-opting-ai-libraries/>

A&S Learning Design — Getting Started with Generative AI guide for faculty and students

<https://learningdesign.as.virginia.edu/getting-started-generative-ai>

Cognitive Science Program — interdisciplinary program spanning Psychology, Neuroscience, Linguistics, Philosophy, Computer Science

<https://cogsci.as.virginia.edu/>

CS AI Focal Path page — four-course sequence available to all UVA students including A&S

<https://engineering.virginia.edu/departments/computer-science/cs-undergraduate-artificial-intelligence-focal-path>

UVA News on GenAI Task Force town halls — A&S three-session structure, school groupings

<https://news.virginia.edu/content/task-force-convene-conversations-artificial-intelligences-teaching-learning-impacts>

AIML Seminar — weekly AI/ML research talks, speaker schedule, archived videos (2024-2026)

<https://uvaml.github.io/>

David Danks Philosophy department profile

<https://philosophy.virginia.edu/david-danks>

Jefferson Scholars Foundation announcement of the Danks hire — \$10M professorship, Danks quote on UVA's AI humanities commitment

<https://www.jeffersonscholars.org/news/foundation-funded-professorship-brings-leading-ai-ethics-and-philosophy-scholar-uva>

2.

Unit 2. School of Engineering and Applied Science

KEY SIGNALS

UVA Engineering is the technical backbone of the University's AI capacity, with more than 50 AI faculty researchers and the institution's two largest AI infrastructure commitments: the \$4.5 million Capital One AI Research Neighborhood planned for the Whitehead Road Engineering Academic Building, and the \$16 million NNSA-funded SAGEST Predictive Simulation Center headquartered at the school since September 2025. The school supplies a disproportionate share of UVA's institutional AI leadership — Henry Kautz co-directs AI Research@UVA, Scott Acton co-designed it as Provost's Special Advisor on AI, David Evans co-chaired the 2024 AI Research Task Force, and Madhur Behl served as a Task Force member — yet maintains no school-level AI policy of its own. Nine SEAS faculty served as 2024–25 Faculty AI Guides covering ten department slots, the deepest school participation in that program. Governance influence flows through personnel, not policy.

The School of Engineering and Applied Science enrolls undergraduate and graduate students across departments including Computer Science, Electrical and Computer Engineering, Systems and Information Engineering, Mechanical and Aerospace Engineering, Biomedical Engineering, Chemical Engineering, Civil and Environmental Engineering, Materials Science and Engineering, and Engineering and Society. Dean Jennifer L. West leads the school. AI research and education touch all departments, with Computer Science and ECE carrying the primary weight. The school operates its own IT support structure separate from UVA central ITS.

2.1 Governance & Policy

No Engineering-specific AI policy document was identified. Faculty follow the Provost-level guidance codified in Faculty Handbook Section 3.3.14 (renumbered from 3.3.15 in the 2025–26 edition), with individual authority over classroom AI rules.

The school's AI governance influence operates through personnel rather than policy, and the density of those placements is unmatched by any other UVA unit. Henry Kautz, Professor of Computer Science, has co-directed AI Research@UVA since its co-directors were announced on November 6, 2025, reporting jointly to the Provost and Vice President for Research with an advisory line to the President. Scott Acton, Professor and Chair of the Department of Electrical and Computer Engineering, served as Provost's Special Advisor on AI in 2024–25 and co-designed the AI Research@UVA initiative with Yael Grushka-Cockayne (Darden), translating the 2024 Task Force's recommended Center for AI Research into the co-directorship model. David Evans, Professor of Computer Science, co-chaired the 2024 Provost's Task Force on AI Research with Rafael Alvarado

(Data Science). Madhur Behl, Associate Professor of Computer Science and Systems and Information Engineering, served as a Task Force member. Briana Morrison, Associate Professor of Computer Science, served on the 2023 Generative AI in Teaching and Learning Task Force.

The school's dean is among the backers of the Collaboratory for Data, AI, and Health (DAHC), launched January 22, 2026 as a cross-Grounds coordination structure jointly supported by six schools and UVA Health. DAHC describes itself as organizational infrastructure rather than a new center, coordinating multi-school grant proposals, seminars, and external partnerships.

Engineering IT

The school operates its own IT services separate from central ITS, managing computing hardware, software, network infrastructure, and research computing. In 2025, Engineering IT transitioned from a department-focused support model to a team-based model: one team handles administrative and operational requests, a second handles academic and research requests including AI/ML workloads.

2.2 People

Jennifer L. West — Dean of the School of Engineering and Applied Science. Public voice on the school's AI posture: at the October 2025 Capital One announcement she framed the partnership as "an investment in advancing the frontiers of artificial intelligence research as well as preparing the next generation of engineering leaders," and in November 2025 coverage of the Whitehead Road site she stated that the building's top floor will be dedicated to AI research and education, citing more than 30 years of AI research at the school. Quoted at the SAGEST launch on the center's role in addressing national needs in hypersonics.

Henry Kautz — Professor of Computer Science and Co-Director of AI Research@UVA since November 6, 2025, jointly with Ryan Wright (McIntire). From 2018 to 2022 he served as Division Director for Information and Intelligent Systems at the National Science Foundation, where he led the National AI Research Institutes Program. His research focuses on practical algorithms for solving worst-case intractable problems in logical and probabilistic reasoning, AI applications in healthcare, and social media analytics. With Wright he established a moderated University-wide AI listserv as the central channel for AI event announcements.

Scott Acton — Professor and Chair, Department of Electrical and Computer Engineering. Served as Provost's Special Advisor on AI in 2024–25 and co-designed AI Research@UVA with Yael Grushka-Cockayne. His VIVA laboratory (Virginia Image and Video Analysis) specializes in ML for image and video analysis, AI for education, tracking, segmentation, and enhancement. Named to the AIMBE College of Fellows in March 2025. His AI-powered video analysis technology, developed with Education researchers, supports classroom teaching improvement.

David Evans — Olsen Bicentennial Professor of Engineering and Professor of Computer Science. Co-Chair of the 2024 Provost's Task Force on AI Research. Leads a long-running research program on security and privacy risks in machine learning, including recent work showing that a common way to test large language models for leaks of sensitive information may be flawed. A 2024–25 Faculty AI Guide representing both Computer Science and ECE, and co-teacher of the joint LAW/CS course on AI and machine learning with Thomas Nachbar (Law).

Madhur Behl — Associate Professor of Computer Science and Systems and Information Engineering, and Amazon Scholar. Member of the 2024 Provost's Task Force on AI Research. Founder and team principal of UVA's Cavalier Autonomous Racing team, which won the Speed Trial at the Indianapolis Motor Speedway in 2025. His research spans robotics and AI.

Briana Morrison — Associate Professor of Computer Science (General Faculty). Member of the 2023 Generative AI in Teaching and Learning Task Force. ACM Distinguished Member (class of 2023) and co-chair of the ACM Education Board. Her research focuses on computer science education, cognitive load in learning programming, and broadening participation in computing; she has spoken publicly on generative AI as both challenge and opportunity for introductory programming instruction. Ph.D. in Human-Centered Computing from Georgia Tech, with prior career stops at IBM, Southern Polytechnic State University, and the University of Nebraska Omaha.

Xinfeng Gao — Professor of Mechanical and Aerospace Engineering and Director of the SAGEST Predictive Simulation Center, the \$16 million multi-university NNSA center headquartered at UVA Engineering. Her method of adaptive mesh, model, and algorithm refinement coordinates high- and low-fidelity solvers through an error-learning framework that combines high-performance computing, uncertainty quantification, AI, and data management on DOE exascale resources.

Somayeh Asadi — Professor of Civil and Environmental Engineering. Principal investigator of the \$1 million NSF ExLENT "AI for Youth" grant (August 2024) to expand AI education access for underserved high school students through paid internships and a faculty-graduate student mentorship model. The only SEAS faculty member to serve in both Faculty AI Guides cohorts (2024–25 and 2025–26).

Nando Fioretto — Assistant Professor of Computer Science. Leads the Responsible AI for Science and Engineering (RAISE) group, which advances foundation models for scientific and engineering research grounded in physical and engineering principles. 2025 LaCross FAIR fellowship recipient (with Max Biggs, Darden).

Tianhao Wang — Assistant Professor of Computer Science, with a courtesy appointment at the School of Data Science. Joined UVA in 2022 following a Ph.D. at Purdue and a postdoc at Carnegie Mellon. His differential privacy research has won multiple NIST competition awards, including first place in the 2021 Better Meter Stick for Differential Privacy challenge. 2026 LaCross FAIR fellow for "LLM-Enabled Abuse in Digital Advertising," which examines how large language models may enable automated scam generation, deceptive targeting, and large-scale manipulation, and designs measurement and mitigation tools for platforms and regulators.

Yu Meng — Assistant Professor of Computer Science researching ML, NLP, and data mining, including superintelligent systems. Received a \$200,000 Superalignment Fast Grant from OpenAI in September 2024, one of 50 proposals funded from 2,700 submitted, to advance training methodologies for safe and aligned superintelligent systems, including learning from imperfect or evolving data and comparing human-generated against AI-generated training data.

Lu Feng — Associate Professor of Computer Science and Systems and Information Engineering, and Link Lab member. Her research focuses on runtime safety and trust for embodied AI systems that perceive, decide, and act in the physical and human world.

Yen-Ling Kuo — Anita Jones Faculty Fellow and Assistant Professor of Computer Science in the Link Lab. Her research lies at the intersection of robot learning, human-AI/robot interaction, and artificial intelligence. Works with the Toyota Research Institute on AI that gives vehicles the capacity to reason as a trusted partner and coach.

Sebastian Elbaum — Professor of Computer Science focused on building safe autonomous systems through the LESS Lab. ACM Fellow and IEEE Fellow.

Shangdong Zhang — Alf Weaver Assistant Professor of Computer Science, directing the Sequential Intelligence Lab (SIL) on reinforcement learning. Received a 2025 NSF CAREER Award for AI testing focused on safety.

Jundong Li — Associate Professor of ECE (primary) and Computer Science (secondary), with more than 200 papers in AI, data mining, and ML. NSF CAREER Award recipient for ML models of human decision-making. His fairness-aware ML research with Ph.D. student Jing Ma examines how lending policies affect different users to make bank financing more inclusive.

Cong Shen — Associate Professor of ECE researching transformers, reinforcement learning, in-context learning, LLMs, federated learning, and AI/ML for wireless systems. 2025 NSF CAREER Award recipient. Launched a venture providing AI tools for telecom engineers working in open radio access networks (ORAN).

Miaomiao Zhang — Assistant Professor of ECE and Computer Science developing ML and AI models for medical and biological imaging, including generative modeling, cardiovascular imaging, neuroimaging, and computer-assisted surgery. NSF CAREER Award recipient for improving AI image processing, and recipient of a Trailblazer Award to apply advanced AI to cine MRI for heart patients.

Silvia Blemker — Professor of Biomedical Engineering. Her FDA-approved AI-based muscle analysis technology, commercialized through Springbok Analytics, earned Innovators of the Year recognition for its applications keeping athletes healthy and supporting some muscular dystrophy patients. Separately received the Goel Award for Translational Research.

Jeff Saucerman — Professor of Biomedical Engineering and Cardiovascular Medicine. His team's LogiRx AI drug-repurposing tool (PNAS 2025) identified heart-healing potential in a widely used anxiety and depression drug by detecting off-target effects relevant to cardiac hypertrophy and heart failure.

Gustavo Rohde — Professor whose team developed a Python-based signal classification tool using the cumulative distribution transform for faster, more accurate AI applications in healthcare and engineering. Named to the AIMBE College of Fellows in March 2025, alongside Acton and Shannon Barker.

Laura Barnes — Professor of Systems and Information Engineering and Associate Director of the Link Lab. Her research reimagines voice-assistant sensing for a cognitive assistant on clinicians' smartwatches to support patient communication.

Afsaneh Doryab — Directs the Human-AI Technology (HAI) Lab within the Link Lab, conducting research at the intersection of ubiquitous computing, AI, HCI, and health.

Camille Bilodeau — Assistant Professor of Chemical Engineering. Won an NSF CAREER Award for her AI approach to studying the behavior of peptide-covered surfaces.

Negin Alemazkoor — Assistant Professor of Civil and Environmental Engineering developing AI models to make power grids more reliable amid rising renewable energy use. Team member on the NSF "AI for Youth" grant.

Jon Goodall — Professor of Civil and Environmental Engineering whose ML models deliver real-time street-flooding forecasts for Norfolk and the Hampton Roads region in seconds.

Kory Burns — Assistant Professor of Materials Science and Engineering. Led an AI-enhanced approach using machine learning to identify nanoscale materials defects that would go unspotted by human review of micrograph images.

Kyusang Lee — Associate Professor of ECE. Developed an AI-powered system that detects toxic gases with speed and precision for real-time air quality monitoring, part of a broader program on biomimicking sensor systems.

Tariq Iqbal — Assistant Professor researching trust between humans and robots, supported by an Air Force Office of Scientific Research grant.

Garrick Louis — Associate Professor of Engineering and Society and Systems and Information Engineering. A 2024–25 Faculty AI Guide whose student poll on AI use in his Technology and Policy course was shared through the CTE program as an exemplar of instructor engagement with classroom AI policy.

Yanjun Qi — Associate Professor (tenured) of Computer Science with adjunct appointments in the Data Science Institute and School of Medicine. Her research spans ML and computational genomics, building AI tools that turn biomedical data into better medicine.

Aidong Zhang — Thomas M. Linville Professor of Computer Science, Biomedical Engineering, and Data Science. Develops ML approaches to interpretable and fair learning, federated learning, and generative AI with applications to medicine, including LLM-based hypothesis generation for scientific discovery.

Rohan Chandra — Assistant Professor of Computer Science researching multi-robot navigation, human-robot interaction, and autonomous driving.

Yangfeng Ji — Associate Professor of Computer Science in natural language processing and machine learning; co-host of the AIML Seminar series.

Mircea Stan — Professor of ECE researching AI hardware, processing in memory, and cyber-physical systems. Faculty lead for UVA's participation in the BrainChip University AI Accelerator Program.

Nikhil Shukla — Associate Professor leading the FerroCoDE project with Penn State, a \$1.5 million NSF ASCENT grant developing a new hardware platform to efficiently compute solutions for complex problems.

Lakeshia Taite — Assistant Professor of Chemical Engineering whose collaboration with Shayn Peirce-Cottler (Biomedical Engineering) produced an AI analytical tool exploring gene targets for pulmonary fibrosis treatments.

Anil Vullikanti — Professor in both Computer Science and the Biocomplexity Institute, researching randomized algorithms, combinatorial optimization, ML, AI, and their applications to epidemiology and public health.

Marc Breton — W.S. Calcott Professor, Founding Director of the Data Science Institute, and Co-Director of the Translational Health Institute of Virginia. His Center for Diabetes Technology developed the first FDA-approved fully automated insulin delivery system.

Anita Jones — Professor of Computer Science, ACM Fellow, and IEEE Fellow. Former Director of Defense Research and Engineering for the U.S. Department of Defense.

Hongru Du — Assistant Professor (2025 hire) integrating systems engineering, AI, and public health to develop AI-driven computational frameworks for health decision-making.

Additional AI-active faculty documented on the department's AI research pages include Chen Chen, Zezhou Cheng, Hadi Daneshmand, Zhe Zeng, Yu Meng, Wenxi Wang, Chen-Yu Wei, Farzad Farnoud, Tom Fletcher, Matheus Venturynne Xavier Ferreira, Subigya Nepal, and Matthew Bolton, with research spanning computer vision, neurosymbolic AI, reinforcement learning, AI theory, mental health sensing, and engineered-system failure prevention.

2.3 Teaching & Curriculum

CS AI Focal Path

The Department of Computer Science offers an Artificial Intelligence Focal Path, a curated sequence of four courses for students seeking focused study in AI: two courses from the AI Foundations category, one from AI Techniques, and one from AI Applications and Impacts, which must focus on AI and society. Registration is subject to prerequisites; as of July 21, 2025, CS 4710 requires completion of CS 3100 with a C- or better. Students who complete the path apply for a Letter of Completion from the department. The focal path does not appear on transcripts, and its courses can simultaneously fulfill major or minor requirements.

Core AI Courses

CS 4710 (Artificial Intelligence) introduces the basic ideas and techniques underlying the design of intelligent computer systems, covering state space search, logic, resolution theorem proving, and application areas including expert systems, NLP, planning, ML, and machine perception. Additional documented AI-relevant courses span ML, NLP, computer vision, robotics, reinforcement learning, data mining, and AI for science. The department also offers a joint course with the School of Law,

CS 4501 / LAW 7127 (Artificial Intelligence and Machine Learning), co-taught by Thomas Nachbar (Law) and David Evans (CS).

AIML Seminar

The UVA Artificial Intelligence and Machine Learning Seminar is a weekly research talk series hosted by CS faculty (Yangfeng Ji, Tom Fletcher, Yen-Ling Kuo). Active from 2024 through 2026, recent topics include trustworthy AI, LLMs, reinforcement learning, computer vision, and a February 2026 session on AI/ML research ethics featuring CS graduate students. Talk videos are archived.

Faculty AI Guides

SEAS had the deepest school-level participation in the CTE's Faculty AI Guides program. The 2024-25 cohort included nine SEAS faculty covering ten department slots: Diana Morris (Applied Math), Leyf Starling (Biomedical Engineering), George Prpich (Chemical Engineering and Materials Science and Engineering), Somayeh Asadi (Civil and Environmental Engineering), David Evans (Computer Science and ECE), Bryn Seabrook (Engineering and Society), Esther Tian (First Year Engineering Center), Natasha Smith (Mechanical and Aerospace Engineering), and Garrick Louis (Systems Engineering). The 2025-26 cohort includes Asadi and Seabrook. Louis's student poll on classroom AI use was shared through the program as an exemplar.

Student Signals

The 2026 graduating class reflects the school's AI concentration. Yeonbin Son, a systems engineering Ph.D. candidate researching recommender systems and human-in-the-loop frameworks for evaluating AI performance, was a 2026 Outstanding Ph.D. Student nominee with nine journal articles, fourteen conference papers, and five patents. ECE nominees included Song Wang (multimodal and agentic learning, trustworthy AI) and Yaochen Zhu (LLM research influencing foundation models at Netflix and LinkedIn). Doctoral student Soumee Guha applies generative AI to medical imaging assistance. Students Armaan Chakrabarti and Collin Togher won the Entrepreneurship Cup for Cambrient AI, an AI-powered email security tool.

2.4 Tools & Technology

Capital One AI Research Neighborhood

Capital One and UVA Engineering announced a \$4.5 million partnership in October 2025 to establish the Capital One AI Research Neighborhood in the planned Whitehead Road Engineering Academic Building. Capital One invested \$2 million, matched by \$2 million from UVA, for a 31,000-square-foot facility intended to serve as the epicenter of AI research at UVA. The space will house more than 50 AI researchers and focus on ML, data analytics, behavioral design, cyber systems, and model-based systems engineering. An additional \$500,000 establishes the Capital One Ph.D. Fellowship Awards for doctoral students conducting frontier AI research.

The building includes three other research neighborhoods: Energy, Biomaterials and Health, and Environment and Sustainability. The school's advancement materials state an initial \$80 million fundraising goal, with state appropriation expected to cover approximately 75% of total cost and the building supporting 200-250 net new STEM faculty under UVA's strategic goals. The public record

on the building's timeline contains two data points that sit side by side: the building was deferred in the 2025 Major Capital Plan due to financial uncertainty, and November 2025 news coverage reported UVA preparing to clear an existing building for the site, with Dean West stating the top floor will be dedicated to AI research and education.

Prem Natarajan, EVP and Chief Scientist at Capital One, serves on the UVA School of Data Science Board. Todd Kennedy, EVP at Capital One, serves on the UVA Engineering Board.

Link Lab

The Link Lab is a multi-disciplinary research center bringing together faculty from CS, ECE, Mechanical and Aerospace Engineering, and Engineering Systems and Environment. It is described as a world-class center of excellence in cyber-physical systems and is listed on the AI@UVA research initiatives page. Multiple AI faculty (Feng, Behl, Doryab, Kuo, Stan) hold Link Lab appointments, and Laura Barnes serves as associate director.

Cavalier Autonomous Racing

The Cavalier Autonomous Racing team, founded by Madhur Behl, built an AI-driven vehicle for the Indy Autonomous Challenge and won the Speed Trial at the Indianapolis Motor Speedway in 2025. The team's success involved a mathematical tweak to vehicle dynamics and a new car-detection algorithm that learns from its mistakes.

BrainChip University AI Accelerator

UVA joined the BrainChip University AI Accelerator Program in August 2023, which provides neuromorphic computing platforms and guidance to students at institutions with AI engineering programs. Mircea Stan is the faculty connection.

2.5 Research & Scholarship

Research Scale

UVA Engineering identifies AI research areas as connected to all programs, involving more than 50 faculty researchers and offering student research opportunities. The school states it has been at the forefront of AI research and education for more than three decades.

SAGEST Predictive Simulation Center

The National Nuclear Security Administration, an agency within the U.S. Department of Energy, awarded UVA a \$16 million cooperative agreement in September 2025 to establish the SAGEST Predictive Simulation Center (Stochastic Simulations of Ablative Geometries with Error-Learning in Space and Time). The multi-university center is headquartered at UVA Engineering and directed by Xinfeng Gao, professor of mechanical and aerospace engineering, with partners at Ohio State, Utah, Minnesota, and Iowa under the DOE's Predictive Science Academic Alliance.

SAGEST develops AI-powered simulation tools for extreme physical conditions that are too difficult or costly to test directly, using hypersonic flight as its proving ground. Gao's adaptive mesh, model, and algorithm refinement method coordinates high- and low-fidelity solvers through an error-learning framework, with ML continuously minimizing discrepancies between fidelity levels and calibrating

against experimental and theoretical benchmarks on DOE exascale computing resources. Juraj Foldes, associate professor of mathematics in the College of Arts & Sciences, supports the center's verification, validation, and uncertainty quantification core. The center reflects the school's strategic hiring and programmatic investment in hypersonics over several years.

Research Groups and Labs

RAISE (Responsible AI for Science and Engineering), led by Fioretto, develops foundation models grounded in physical and engineering principles. The HAI Lab (Human-AI Technology), led by Doryab, models human behavior from sensor data. The Sequential Intelligence Lab (SIL), led by Shangtong Zhang, focuses on reinforcement learning. VIVA (Virginia Image and Video Analysis), led by Acton, applies ML to image and video analysis. The Computer Vision Lab, led by Zezhou Cheng, applies AI to ecology and material discovery. The LESS Lab, led by Elbaum, builds safe autonomous systems. Cavalier Autonomous Racing, led by Behl, develops autonomous vehicles.

Sponsored AI Research and Recognition

The school's recent AI grant activity spans frontier safety, education access, and applied domains. Yu Meng received a \$200,000 OpenAI Superalignment Fast Grant (September 2024), one of 50 funded from 2,700 proposals, to advance training methodologies for safe superintelligent systems. Somayeh Asadi leads the \$1 million NSF ExLENT "AI for Youth" project (August 2024) with Negin Alemazkoor, Arsalan Heydarian, and Devin Harris, partnering with Clemson University and SureStart to expand AI education for underserved high school students. NSF CAREER Awards with explicit AI focus have gone to Shangtong Zhang (AI testing for safety), Cong Shen (ML for next-generation wireless), Jundong Li (ML for human decision-making), Miaomiao Zhang (AI image analysis), and Camille Bilodeau (AI for peptide-covered surfaces). Tianhao Wang holds a 2026 LaCross FAIR fellowship for research on LLM-enabled abuse in digital advertising, and Fioretto holds a 2025 FAIR fellowship with Max Biggs (Darden).

Applied AI research documented on the school's AI research pages includes Saucerman's LogiRx drug-repurposing tool (PNAS 2025), Blemker's FDA-approved Springbok Analytics muscle technology, Evans's findings that common LLM leak-testing methods may be flawed, Kuo's vehicle-reasoning work with the Toyota Research Institute, Iqbal's AFOSR-funded human-robot trust research, Goodall's real-time flood forecasting for Hampton Roads, Alemazkoor's power grid reliability models, Burns's ML detection of nanoscale materials defects, Lee's AI toxic gas detection, Rohde's signal classification tools, Chang's AI-driven manufacturing optimization, the Taite and Peirce-Cottler pulmonary fibrosis collaboration, Li and Ma's fairness-aware lending research, Barnes's clinical cognitive assistant, Shukla's FerroCoDE hardware platform with Penn State (\$1.5 million NSF ASCENT), and a joint UVA Health risk-assessment tool for heart failure outcomes. Acton, Rohde, and Shannon Barker were named to the AIMBE College of Fellows in March 2025.

Cross-Unit Research

Multiple Engineering faculty hold courtesy or joint appointments in Data Science, Medicine, and the Biocomplexity Institute. Tianhao Wang holds his primary appointment in CS with an SDS courtesy appointment. Yanjun Qi holds adjunct appointments in both SDS and the School of Medicine. Anil Vullikanti is jointly appointed in CS and the Biocomplexity Institute. Yue Cheng holds a dual CS/SDS

appointment. Marc Breton's Center for Diabetes Technology bridges Engineering and Medicine. Bijoy Kundu's AI imaging research distinguishing tumor progression from treatment effects in glioblastoma spans BME, Radiology, and the UVA Cancer Center.

New Faculty Hiring

The 2024 CS faculty cohort was described as deepening and broadening the department's excellence with expertise in building fairness into artificial intelligence. The 2025 Engineering faculty cohort includes hires spanning artificial intelligence to catalysis to systems biology, including Hongru Du in AI-driven public health frameworks.

2.6 Events & Programming

AIML Seminar Series

The weekly AIML Seminar (documented in Teaching & Curriculum above) also functions as a research community event, hosting external speakers and fostering cross-disciplinary AI discussion.

Steve Huffman Visit

Steve Huffman, Reddit founder and UVA alumnus, took questions from students for over an hour; many questions were about artificial intelligence.

Martin Skeptical Debate

Two computer engineering students argued the benefits of AI in the inaugural Martin Skeptical Debate, which examines scientifically contested issues through critical thinking and research.

Gaps and Observations

Engineering's AI research density makes it the technical backbone of UVA's AI capacity: 50+ faculty, multiple named labs, a credential pathway, nine Faculty AI Guides in a single cohort, and now two infrastructure-scale commitments in the Capital One partnership and SAGEST. The school nonetheless maintains no AI governance document or school-level AI policy. Its governance influence flows entirely through personnel placements: the AI Research@UVA co-directorship, the Special Advisor role, both a co-chair and a member of the 2024 Task Force, and a member of the 2023 Task Force.

SAGEST is the school's largest single AI-relevant research award and was absent from earlier public framing of the school's AI portfolio, likely because its primary identity is predictive simulation and hypersonics rather than AI as such. Its error-learning methodology places machine learning at the center of the center's technical approach.

The Whitehead Road building carries an unresolved public record: deferred in the 2025 Major Capital Plan, the subject of November 2025 site-preparation coverage, an active \$80 million advancement campaign, and a December 11, 2025 Board of Visitors strategic-fund action. The Buildings and Grounds Committee approved the FY2027 Major Capital Plan on June 4, 2026; the publicly available coverage of that approval does not state the Whitehead Road project's status within the adopted plan, so the December 2025 record remains the most recent public account of the building's funding

posture. The Capital One fellowship component (\$500,000) is operational regardless of the building timeline.

The CS AI Focal Path remains a credential without transcript standing, which limits its formal academic weight. The joint LAW/CS AI course is one of the few documented cross-school AI courses at UVA.

The school's 2025-26 Faculty AI Guides participation dropped from nine faculty to two (Asadi, Seabrook), a contraction not explained in available sources.

Cross-References

- **College of Arts & Sciences (Unit 1):** CosmicAI is housed in Astronomy (Torrey, Kallivayalil); Foldes (Mathematics) supports SAGEST's UQ core.
- **School of Data Science (Unit 3):** Tianhao Wang SDS courtesy appointment; Yue Cheng dual appointment; Capital One partnerships bridge both schools; DAHC backed by both deans.
- **Darden School of Business (Unit 4):** FAIR fellowships connect Fioretto (2025, with Biggs) and Tianhao Wang (2026); Grushka-Cockayne co-designed AI Research@UVA with Acton.
- **School of Law (Unit 6):** Joint LAW/CS course co-taught by Nachbar and Evans.
- **School of Medicine & UVA Health (Unit 7):** Breton's Center for Diabetes Technology; Saucerman and Miaomiao Zhang medical imaging and drug-repurposing AI; Kundu glioblastoma imaging; heart-failure risk tool; Qi's SOM adjunct.
- **School of Education (Unit 9):** Acton-Youngs collaboration on AI video analysis for classroom teaching.
- **Biocomplexity Institute (Unit 13):** Vullikanti dual CS/BI appointment; Chen Chen pipeline from BI to CS.
- **ITS (Unit 15):** Engineering IT operates separately from central ITS.
- **Provost's Office & CTE (Unit 17):** Kautz co-directs AI Research@UVA; Acton was Special Advisor on AI; Evans co-chaired and Behl served on the 2024 Task Force; Morrison served on the 2023 Task Force; nine 2024-25 Faculty AI Guides.
- **NSDPI (Unit 19):** Computational research overlap; data science and AI applications to national security.
- **Part I, Section VIII (Infrastructure & Strategic Investment):** Capital One AI Research Neighborhood, Whitehead Road building, SAGEST.

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<https://engineering.virginia.edu/department/computer-science/research/robotics>

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<https://engineering.virginia.edu/news-events/news/uva-wins-16m-doe-award-launch-simulation-center-predictive-science>

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<https://math.virginia.edu/2025/11/foldes-sagest-center/>

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Capital One corporate page documenting partnership details and the prior Capital One Hub at SDS

<https://www.capitalone.com/tech/ai/capital-one-uva-engineering-partnership/>

CBS19 coverage (November 2025) of Whitehead Road site preparation with Dean West quotes on the building's AI floor

https://www.cbs19news.com/news/uva-and-capital-one-team-up-for-new-ai-facility-whitehead-road-project/article_00d7084c-e346-42b1-bb80-a3ee0e70f72b.html

SEAS advancement page for the Whitehead Road Engineering Academic Building with the \$80M goal, state funding share, and research neighborhood plan

<https://engineering.virginia.edu/about-our-school/advancement/whitehead-road-engineering-academic-building-project>

CS Undergraduate AI Focal Path page with course category requirements and Letter of Completion process

<https://engineering.virginia.edu/department/computer-science/cs-undergraduate-artificial-intelligence-focal-path>

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<https://uvacsadvising.org/ai-focalpath.html>

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<https://datascience.virginia.edu/people/tianhao-wang>

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<https://www.acm.org/articles/people-of-acm/2023/briana-morrison>

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<https://engineering.virginia.edu/news-events/news/uva-engineering-celebrates-2026-outstanding-phd-students>

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<https://datascience.virginia.edu/research/DAHC>

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<https://datascience.virginia.edu/news/uva-launches-collaboratory-data-ai-and-health>

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3.

Unit 3. School of Data Science

KEY SIGNALS

The nation's first standalone school of data science is the institutional center of gravity for AI at UVA, and it enters mid-2026 in leadership transition: founding dean Phil Bourne died March 8, 2026, with Jeffrey Blume serving as interim dean and a formal search expected to begin in fall 2026. SDS holds one of only three school/unit-level AI policies at UVA, anchors the new Data, AI, and Health Collaboratory backed by five deans, and placed three faculty in the 2026 LaCross FAIR cohort. The \$10 million Polk JSF professorship that brought David Danks remains the institution's single largest investment in AI ethics expertise, and the school's enrollment footprint — 691 students and UVA's largest minor by more than double — gives its AI policy the widest curricular reach of any school-level instrument on Grounds.

The School of Data Science was founded in 2019 as the nation's first standalone school of data science, elevated from the Data Science Institute established under founding director Don Brown. The school occupies a four-story, 61,100-square-foot building in the Emmet-Ivy corridor that opened in 2024, though its founding "School Without Walls" ethos emphasizes joint appointments and cross-school structures over physical territory. Philip E. Bourne, the founding Stephenson Dean, led the school from its creation until his death on March 8, 2026, at age 72 after a battle with mesothelioma; he had already made plans to step down and had announced the decision to colleagues. Jeffrey Blume, a data scientist and biostatistician who joined SDS in 2021 and previously served as Quantitative Foundation Associate Dean for Academic and Faculty Affairs, serves as Interim Stephenson Dean. According to Interim Provost Brie Gertler, an official search for the next dean is likely to begin in fall 2026. The school enrolls 691 students across undergraduate, master's, and doctoral programs, and its data science minor is UVA's largest minor across Grounds, more than twice the size of the next most popular.

3.1 Governance & Policy

School-Level AI Policy

SDS published a standalone AI policy in October 2024, one of three school/unit-level AI policies identified at UVA, alongside the School of Medicine's MD Program GenAI policy (November 2023) and UVA Wise's policy (Spring 2024). The policy establishes that students have a right to know when and how AI tools may be used in any given course. Faculty are encouraged to teach students how to thoughtfully and ethically incorporate AI tools. Syllabi must explain allowable AI uses. Courses without specific instructor guidance default to the school's baseline parameters, and clear penalties for prohibited use are specified. The baseline-parameter structure makes the SDS policy operationally

more specific than the Provost-level guidance it sits alongside: where central guidance leaves AI rules to individual instructors, the SDS policy supplies a default that applies when instructors are silent.

<https://api.dsi.virginia.edu/sites/default/files/2024-10/Artificial%20Intelligence%20Policy.pdf>

Leadership Transition

The school's governance posture is shaped by the March 2026 death of its only dean. Bourne had planned to step down and had emailed colleagues announcing the decision and thanking Blume for accepting the interim assignment. UVA President Scott Beardsley publicly described Bourne as "an excellent dean" and a friend from their time serving as deans together. The Stephenson Dean chair is endowed by Scott and Beth Stephenson, who had previously endowed the Data Science Institute's first directorship and who recently launched one of the school's first signature scholarship programs in partnership with Bourne. No public statement has yet defined how the dean search will weigh AI strategy, and the school has operated without a standing AI strategy document throughout; the October 2024 policy and the school's research structures are its governance instruments of record.

<https://news.virginia.edu/content/memorial-philip-bourne-founding-dean-school-data-science>

<https://uvamagazine.org/articles/philip-bourne-dean-of-uvas-data-science-school-dies>

Governance Through Personnel

SDS faculty occupy several of UVA's institutional AI governance seats. Rafael Alvarado, associate professor of data science, co-chaired the 2024 Provost's Task Force on AI Research with David Evans of Engineering; the Task Force's final report (March 31, 2024) produced the recommendation that became AI Research@UVA. David Danks served on the National AI Advisory Committee before joining UVA. Jonathan Kropko represented SDS in the 2024–25 Faculty AI Guides cohort, the Provost-level program embedding AI-conversant faculty in each school. Mary Cummings serves as the school's first Data Activist-in-Residence. Peter Beling conducts generative AI research explicitly aligned with the National Security Data and Policy Institute's mission. Tom Hartvigsen holds appointments in both the UVA Comprehensive Cancer Center and NSDPI. These appointments make SDS a governance influence center well beyond its published policy.

Whether SDS is among the seven schools allocated the 11 Commonwealth Chairs in AI announced in the Provost's October 6, 2025 update is not publicly documented in available sources; the update names the allocation but does not enumerate the recipient schools.

<https://ai.provost.virginia.edu/2025-update-on-the-report-of-the-provost-s-task-force-on-ai-research>

Multi-School Governance Structures

SDS is a founding institutional backer of the Data, AI, and Health Collaboratory (DAHC), launched January 22, 2026 and described in detail in section 3.5. DAHC carries multi-school governance with a cross-Grounds steering committee and is backed by the deans of five schools. As the convening school, SDS holds the central coordination role in what is currently UVA's most formalized cross-school AI governance structure outside the Provost's Office.

<https://datascience.virginia.edu/research/DAHC>

3.2 People

Jeffrey Blume — Interim Stephenson Dean of the School of Data Science since March 2026; previously Quantitative Foundation Associate Dean for Academic and Faculty Affairs. A data scientist, administrator, and biostatistician with experience building and leading academic programs, Blume joined SDS in 2021 and accepted the interim assignment directly from Bourne before his death. Closing the May 2026 diploma ceremony, he emphasized the school's commitment to responsible AI, describing data science as a discipline of judgment: asking better questions, understanding uncertainty, and using evidence responsibly in the service of people and society.

Philip E. Bourne (1953–2026) — Founding Stephenson Dean, 2019–2026, and director of the Data Science Institute from 2017. Previously the first Associate Director for Data Science at the National Institutes of Health and the first Associate Vice Chancellor for Innovation and Industrial Alliances at UC San Diego. Author of more than 400 papers and five books, with over 100,000 Google Scholar citations as of September 2025, placing him among the ten most-cited scholars in UVA's history. Co-directed the Bourne & Mura Computational Biosciences Lab with Cam Mura. His public statement on the LaCross Institute, "Without data there is no AI," remains the school's most-quoted executive AI positioning.

David Danks — William L. Polk Jr. and Carolyn K. Polk Jefferson Scholars Foundation Distinguished University Professor of Philosophy, Artificial Intelligence, and Data Science, jointly appointed in the College of Arts & Sciences (Philosophy) and SDS. Started January 2026. The \$10 million JSF-funded professorship is the most substantial in the foundation's history. Danks previously served on the National AI Advisory Committee and held positions at UC San Diego and Carnegie Mellon. He continues the DIVER Lab from UCSD, taught DS 2004 "Data Ethics" in Spring 2026, and is a 2026 LaCross FAIR fellow for "AI and Managerial Moral Responsibility," examining when human managers should be held responsible for AI systems' actions and how AI-enabled workplace capabilities should change moral expectations.

Rafael Alvarado — Associate Professor of Data Science. Co-Chair, 2024 Provost's Task Force on AI Research, whose central recommendation produced AI Research@UVA.

Jonathan Kropko — Quantitative Foundation Associate Professor in Data Science (endowed chair approved by the Board of Visitors, March 2024) and program director for the online M.S. in Data Science. 2024–25 Faculty AI Guide, the SDS seat in the Provost-level program. Came to SDS in 2019 from UVA's Department of Politics and leads Code for Charlottesville.

Sheng Li — Quantitative Foundation Associate Professor in Data Science. Joined SDS in 2022 from the University of Georgia. His research centers on artificial intelligence, with a long-term goal of developing intelligent systems for open, dynamic environments.

Tom Hartvigsen — Assistant Professor of Data Science, with a courtesy appointment in Computer Science and appointments in the UVA Comprehensive Cancer Center and NSDPI. Works on trustworthy, robust machine learning for high-stakes deployment, especially healthcare. Awarded an NIH grant in January 2026 for "A Model Editing Framework for Participatory Multimodal AI in Dermatology" with Ahmed Alaa and Roxana Daneshjou; the SDS announcement reports the award

at \$1 million, while Hartvigsen's own site describes the project at \$2 million over two years. Holds a Capital One Faculty Fellowship for time series reasoning. Organized the NeurIPS 2025 Workshop on Learning from Time Series for Healthcare. Postdoc at MIT CSAIL; PhD from WPI. Advised Bryan Christ, the school's inaugural Distinguished Dissertation Award recipient.

Nur Yildirim — Assistant Professor of Data Science working on human-centered, participatory AI. 2026 LaCross FAIR fellow for "Designing Radiology AI for Enhanced Human & AI Performance," which fine-tunes a multimodal foundation model on a UVA Health X-ray dataset and develops validated metrics for human-AI collaboration quality. Recipient of a SIGCHI Dissertation Award for one of the best dissertations in human-computer interaction.

Tianhao Wang — Assistant Professor of Data Science by courtesy; data privacy and security researcher. 2026 LaCross FAIR fellow for "LLM-Enabled Abuse in Digital Advertising," examining automated scam generation, deceptive targeting, and large-scale manipulation, with the goal of measurement tools and mitigation strategies for platforms and regulators.

Chirag Agarwal — Assistant Professor; leads the Aikyam Lab on trustworthy ML frameworks, multimodal explainability, AI safety, and AI audits. 2025 LaCross FAIR fellow (with Samuel Levy, Darden) for "Privacy-First Advertising and Machine Unlearning: Scaffolding Consumer Trust with Ethical AI."

Yong-Yeol (YY) Ahn — Quantitative Foundation Distinguished Professor. Research spans network science, ML, and AI. Joined SDS from Indiana University (2011–2025). Microsoft Research Faculty Fellowship recipient.

Peter Beling — Professor; conducts generative AI research for NSDPI, focused on resilient, mission-aligned AI using LLMs, reinforcement learning, and co-design of algorithms and systems, applied to mission engineering, test and evaluation, and predictive maintenance. Served on UVA's Systems Engineering faculty from 1993 to 2021 before returning in the 2025 cohort.

Heman Shakeri — Assistant Professor; directs the DYNAMO Lab on intelligent algorithms for complex dynamical systems in biomedical applications. Contact PI (with Dr. Greg Forlenza, University of Colorado Anschutz) on a roughly \$4.7 million project applying AI to automated insulin delivery for Type 1 diabetes, announced January 2026. Received two UVA LaunchPad awards totaling \$300,000 in December 2025 for data-driven models and early screening tools for Type 1 and Type 2 diabetes.

Mary Cummings — AI, data, and technology ethicist; the school's first Data Activist-in-Residence.

Mona Sloane — Sociologist studying technology and society, with a focus on AI design, use, and policy; hosted the "Co-Opting AI: Libraries" panel in November 2025.

Alex Gates — Assistant Professor; directs the Connected Data Hub, applying network science and the science of science to questions of innovation, organizational change, and national security decision-making.

Tyler Cody — Directs the Artificial General Intelligence Lab (AGIL), focused on data science for an era of real-world AGI, including the transition from models produced from data to models produced from other models, with applications in space, cyber, and robotics.

Daniel Graham — Directs the 0xC0FFEE Lab on automated penetration testing and AI-driven cyber defense; the lab also provides free penetration testing and secure code review to startups and nonprofits.

John Darrell Van Horn — Professor; directs the Brain and Data Science lab combining neuroimaging, high-performance computation, and ML, in collaboration with the UVA Brain Institute.

Mar Hicks — Historian; directs the Digital History Lab on the history of digital technologies, AI and society, and labor. Co-organized the "Rethinking the Inevitability of AI" conference series with Erik Linstrum (History).

Michael D. Porter — Directs the Event Analytics and Statistical Learning Lab, developing statistical and ML methods for event forecasting, anomaly detection, and event linkage in complex systems.

Stephen Baek — Quantitative Foundation Associate Professor in Data Science; directs the Visual Intelligence Laboratory (Baek Lab) on geometric data analysis and physics-aware deep learning. Co-recipient (with Alex Gates) of a \$900,000 NNSA award for physics-informed machine learning.

Brian Wright — Quantitative Foundation Associate Professor and Director of Undergraduate Programs; directs the Data Science Active Learning Lab on AI-based educational tools, LLMs, and learning analytics. Led development of the data science minor and major. (Distinct from Ryan Wright of McIntire, co-director of AI Research@UVA.)

Aidong Zhang — Professor (joint with Computer Science); ML, data mining, bioinformatics, and health informatics.

Yue Cheng — Dual appointment in Computer Science (Engineering) and SDS; directs the DS2 Research Lab on data systems for data science, distributed systems, and cloud computing.

Adam Tashman — Researches AI in personalized medicine, digital health, LLMs, and computer vision.

Mai Dahshan — Assistant Professor; researches intelligent user interfaces, visual data analytics, human-AI collaboration, and AI in education. Teaches in the AI Literacy Bootcamp and Foundations of Data Science summer courses in UVA Northern Virginia's Inspire 2026 pre-college program. Ph.D. from Virginia Tech; previously an assistant professor at the University of North Florida.

Farhana Faruqe — Assistant Professor; works on trustworthy AI, human-centered design, and AI acceptance.

Don Brown — W.S. Calcott Professor, Senior Associate Dean for Research, and founding director of the Data Science Institute; research in data fusion and knowledge discovery.

Lei Li — Joined in 2025 with expertise in machine spatial intelligence and computer vision.

Jordan Bryan — Joined in 2025; statistician with expertise in multivariate data analysis applied to environmental monitoring, physics, and cancer genomics.

Thomas Stewart — Associate Professor and Director of the Ph.D. program.

Cam Mura — Co-director, Bourne & Mura Computational Biosciences Lab; structural bioinformatics and systems biology.

Marc Ruggiano — Director of the Darden-SDS Collaboratory for Applied Data Science (DCADS), working in both SDS and Darden; quoted in January 2026 Virginia Business coverage on UVA's interdisciplinary AI approach.

Peter Alonzi — Leads the Criminal Justice Data Training Initiative with the Charlottesville Police Department and the Albemarle-Charlottesville Regional Jail.

Arlyn Burgess — Associate Dean of Administration; the Data Science Institute's first employee.

3.3 Teaching & Curriculum

B.S. in Data Science

A three-year program with four concentrations (Analytics, Systems, Design, Value) that launched in 2024 and is scaling fast: 75 students entered in 2024, 127 in 2025, and roughly 150 are expected in fall 2026. First-year students apply for the major and join the cohort as second-years. A 4+1 accelerated model and a double-major option with the College of Arts & Sciences are available. Beginning in January 2026, undergraduate majors collaborate in small groups on short, intensive projects sourced from real employers through a new partnership with the platform Riipen.

Minor in Data Science

The data science minor is UVA's largest minor across Grounds, more than twice the enrollment of the next most popular minor, per Interim Provost Gertler. Its scale means the SDS AI policy's baseline parameters touch a larger curricular population than any other school-level AI instrument at UVA.

M.S. in Data Science (MSDS)

Available in residential and online formats. Four new concentrations were formally announced January 7, 2026: AI, Data Visualization, Genomics, and Sports Data Science. The AI concentration has unlimited enrollment capacity. The program uses a spiral learning framework, and the curriculum includes DS 2004 "Data Ethics," taught by David Danks in Spring 2026.

Ph.D. in Data Science

Launched in 2022 as the first degree offered by the independent school. "Artificial Intelligence and Machine Learning" is an explicit research interest area for admissions. The May 17, 2026 diploma ceremony recognized six Ph.D. graduates whose research spans AI safety, multimodal foundation models, adaptive deep learning, autism research, and AI for math reasoning and education. Bryan Christ received the school's inaugural Distinguished Dissertation Award for AI research advancing math education, along with the 2026 Edgar F. Shannon Award, presented by the Z Society to the top graduating student of each UVA school. The keynote was delivered by Kemi Jona, UVA's Vice

Provost for Online Education and Digital Innovation, who told graduates that in the age of AI, curiosity and persistence matter more than any specific coding skill.

Summer AI Camp

SDS ran a hands-on AI learning experience for high school students in July 2025, serving as both outreach and a pipeline into the undergraduate major. For 2026, the documented K-12 channel runs through UVA Northern Virginia's Inspire pre-college program, where SDS faculty including Mai Dahshan teach an AI Literacy Bootcamp and Foundations of Data Science summer courses. A 2026 Charlottesville camp edition is not documented in available sources at the snapshot date.

<https://northern.virginia.edu/blog/inspire-spotlight-foundations-data-science-ai-bootcamp/>

3.4 Tools & Technology

Capital One Hub

The Capital One Hub at SDS was established in 2024 as a collaborative space for faculty and students. Prem Natarajan, Capital One's EVP and Chief Scientist and Head of Enterprise AI, serves on the SDS Board of Directors. The Hub predates the \$4.5 million Capital One-Engineering partnership announced in October 2025, and Capital One's engagement with SDS continues through faculty channels: Hartvigsen holds a Capital One Faculty Fellowship.

<https://www.capitalone.com/tech/ai/capital-one-uva-engineering-partnership/>

Data Justice Academy

The UVA Data Justice Academy, supported by Capital One, advances representation in the data science field.

No SDS-specific AI tool deployments or platform decisions beyond the Capital One infrastructure are documented in available sources. SDS faculty and students access UVA Copilot Chat through the central academic license and UVA RC GenAI (launched March 30, 2026) through Research Computing on the same terms as researchers elsewhere on Grounds.

3.5 Research & Scholarship

Formal Research Structures

SDS organizes its research enterprise through four named centers and collaboratories, plus Research Interest Groups and a roster of faculty-led labs.

The **Center for Data Ethics and Justice** leads a training and research program in partnership with the school, committed to ethical reflection on the challenges of a data-driven, automated society.

The **Collaboratory for the Advancement of Education and Data Science (CAEDS)** joins SDS with the School of Education and Human Development on data problems in education.

The **Darden-SDS Collaboratory for Applied Data Science (DCADS)**, established fall 2023 and directed by Marc Ruggiano, advances work at the intersection of data science and business. DCADS is the origin of the LaCross Institute's FAIR fellowship program.

The **Data, AI, and Health Collaboratory (DAHC)**, launched January 22, 2026, is a cross-Grounds network jointly supported by SDS, UVA Health, the School of Medicine, the Darden School of Business, the School of Education and Human Development, and the School of Engineering and Applied Science, and backed by the deans of five schools. The school's own framing is explicit that DAHC "is not a new center or lab" but organizational infrastructure: it coordinates multi-school grant proposals, organizes cross-school seminars, working groups, and an annual retreat, serves as a point of contact for industry, federal, and philanthropic partners, and works to secure pilot funding for cross-disciplinary projects. It operates with multi-school governance and a cross-Grounds steering committee. Bourne, in one of his final public statements, said the Collaboratory "reflects our commitment to responsible, interdisciplinary data science that addresses real-world challenges."

<https://datascience.virginia.edu/pages/centers-and-collaboratories>

<https://datascience.virginia.edu/news/uva-launches-collaboratory-data-ai-and-health>

Research Labs

The school's public lab directory documents a dense AI research footprint at the lab level: the Aikyam Lab (Agarwal; trustworthy ML and multimodal explainability), the AGI Lab (Cody; data science for real-world AGI), the 0xC0FFEE Lab (Graham; AI-driven cyber defense), the Baek Lab (geometric data analysis and physics-aware deep learning), the Brain and Data Science lab (Van Horn; neuroimaging and ML), the Connected Data Hub (Gates; network science and national security), the Data Science Active Learning Lab (Brian Wright; LLMs and learning analytics in education), the Digital History Lab (Hicks; AI and society), the DYNAMO Lab (Shakeri; intelligent control for biomedical systems), the DS2 Research Lab (Cheng; data systems), the Event Analytics and Statistical Learning Lab (Porter), Aidong Zhang's lab (ML and health informatics), the Bourne & Mura Computational Biosciences Lab, and the Criminal Justice Data Training Initiative (Alonzi). Danks continues the DIVER Lab from UCSD.

<https://datascience.virginia.edu/research/labs>

FAIR Fellowships (LaCross AI Institute)

SDS placed three faculty in the 2026 FAIR cohort of eight UVA fellows, each fellowship carrying up to \$100,000: Danks ("AI and Managerial Moral Responsibility"), Yildirim ("Designing Radiology AI for Enhanced Human & AI Performance"), and Wang ("LLM-Enabled Abuse in Digital Advertising"). The 2025 cohort included Agarwal (with Samuel Levy, Darden) on privacy-first advertising and machine unlearning. The FAIR program originated in DCADS.

<https://datascience.virginia.edu/news/data-science-faculty-awarded-fellowships-advance-ethical-ai>

Sponsored AI Research

Shakeri serves as contact PI, alongside Dr. Greg Forlenza of the University of Colorado Anschutz Medical Campus, on a project applying machine learning to automated insulin delivery for Type 1 diabetes. The award combines a \$3.9 million grant jointly funded by Breakthrough T1D and the Helmsley Charitable Trust with \$800,000 of in-kind contributions from industry partners Tandem

Diabetes Care and Arecor, for approximately \$4.7 million in total support. Shakeri separately received two UVA LaunchPad awards totaling \$300,000 in December 2025 for diabetes screening models.

Hartvigsen and colleagues received an NIH award in January 2026 to develop a participatory model-editing framework for multimodal AI in dermatology, reported by SDS at \$1 million.

Baek and Gates received a \$900,000 NNSA award for physics-informed machine learning.

Beling's generative AI research is explicitly positioned within NSDPI's mission, applying LLMs and reinforcement learning to national security problems.

<https://www.news-medical.net/news/20260127/UVA-Data-Science-researcher-leads-2447M-project-for-AI-powered-diabetes-management.aspx>

Cross-School Research Collaborations

Documented SDS collaborations crossing school lines include Hartvigsen with Steven Johnson (McIntire) and Maarten Sap (CMU) on implicit bias in LLMs through a DCADS fellowship; Sloane with Sarah Lebovitz (McIntire) and Roshni Raveendhran (Darden) on AI in recruiting; and the Hicks-Linstrum "Rethinking the Inevitability of AI" conference series with the History Department and Environmental Institute (July and December 2024).

Faculty Scaling

SDS welcomed nine new faculty in 2025, with expertise spanning machine learning, AI, and national security; the cohort includes Beling, Lei Li, Ahn, and Bryan. The hiring wave, followed by Danks's January 2026 arrival, took the school from a small founding faculty to substantial AI/ML depth in roughly two years.

<https://datascience.virginia.edu/news/school-data-science-welcomes-nine-new-faculty-2025>

3.6 Events & Programming

Data Science Colloquium

The school runs a standing Data Science Colloquium series, publicly listed on its research pages.

<https://datascience.virginia.edu/pages/data-science-colloquium>

Spring Data Science & AI Night

Held February 25, 2026 at the SDS building (1919 Ivy Road), connecting students with employers recruiting for data science and analytics roles.

<https://datascience.virginia.edu/events/spring-data-science-ai-night/feb-25>

"Rethinking the Inevitability of AI"

SDS co-sponsored this conference series (July and December 2024) with the Environmental Institute and History Department, examining AI's societal implications from humanistic and scientific perspectives.

Summer AI Camp

The July 2025 camp for high school students is the school's documented K-12 AI outreach vehicle.

Not publicly documented in available sources: additional SDS-hosted AI lecture series, workshops, or symposia beyond those listed above.

Gaps and Observations

The school is in the most consequential leadership transition of any AI-active unit at UVA. Bourne was the architect of the "School Without Walls" model, the public face of the school's responsible-data-science positioning, and a personal node in nearly every cross-school AI structure the school joined. An interim dean, a search that has not yet begun, and a university president who arrived in January 2026 together mean the school's AI strategy is, for the moment, custodial. How the dean search frames AI leadership will be the single most informative governance signal from this unit over the next year.

DAHC deserves attention as a governance artifact, not just a research one. Five deans backing a structure that explicitly disclaims being a center, with a cross-Grounds steering committee and a coordination mandate over grants, partners, and pilot funding, is the closest thing UVA has built to standing multi-school AI governance below the Provost level. SDS convening it confirms the school's structural role: it governs AI at UVA less through documents than through architecture.

The enforcement question raised about the October 2024 AI policy remains open. How the school monitors compliance with syllabus transparency requirements and prohibited-use penalties is not publicly documented, and the policy's reach has grown with enrollment: baseline parameters now default across UVA's largest minor.

The lab directory reveals a research footprint far broader than the school's news output suggests, including an AGI-focused lab, an AI cybersecurity lab, and labs in AI for education, neuroimaging, and the history of technology. Most of these labs and PIs have no presence in institutional AI communications, which concentrates on health applications and ethics hires. The gap between the school's documented research breadth and its communicated AI identity is itself an observation.

Whether SDS received any of the 11 Commonwealth Chairs in AI is not publicly enumerated. For the school at the center of UVA's AI identity, either answer would be informative, and the absence of public documentation is a notable transparency gap in the October 2025 update.

Cross-References

- **School of Engineering (Unit 2):** Yue Cheng and Aidong Zhang hold dual CS/SDS appointments; Tianhao Wang's primary appointment sits outside SDS (courtesy in Data Science); Capital One partnerships bridge both schools; DAHC includes SEAS.
- **Darden School of Business (Unit 4):** DCADS (directed by Ruggiano) is the FAIR program's origin; 2025 FAIR pairs Agarwal with Levy; LaCross Institute funds three SDS fellows in 2026; DAHC includes Darden.
- **College of Arts & Sciences (Unit 1):** Danks holds the joint Philosophy/SDS appointment; Hicks co-organized the AI conference series with Linstrum (History).

- **School of Medicine & UVA Health (Unit 7):** DAHC is jointly supported by SOM and UVA Health; Yildirim's FAIR project fine-tunes a foundation model on a UVA Health X-ray dataset; Hartvigsen holds a Comprehensive Cancer Center appointment.
- **School of Education and Human Development (Unit 9):** CAEDS joins SDS with SEHD; DAHC includes SEHD; Christ's award-winning dissertation addresses AI in math education.
- **Biocomplexity Institute (Unit 13):** Computational research overlap; Vullikanti holds dual CS/BI appointment.
- **Library (Unit 14):** Sloane hosted the "Co-Opting AI: Libraries" panel (November 2025).
- **ITS & CIO (Unit 15):** SDS researchers access UVA RC GenAI and Research Computing infrastructure; the 2026 Research Computing Exhibition was hosted at the SDS building.
- **NSDPI (Unit 19):** Beling's GenAI research serves the NSDPI mission; Hartvigsen holds an NSDPI appointment.
- **Provost's Office & CTE (Unit 17):** Alvarado co-chaired the 2024 AI Research Task Force; Kropko is the SDS Faculty AI Guide; the SDS AI policy operates alongside Provost-level guidance; Kemi Jona (Vice Provost for Online Education and Digital Innovation) keynoted the 2026 diploma ceremony.
- **Part I, Section I (Governance Architecture):** DAHC's five-dean backing and steering committee; the SDS leadership transition; Alvarado's Task Force co-chairmanship.
- **Part I, Section II (Policy Infrastructure):** The SDS AI policy is one of three school/unit-level AI policies at UVA.
- **Part I, Section IV (Tool Ecosystem):** Capital One Hub at SDS.
- **Part I, Section VIII (Infrastructure & Strategic Investment):** The \$10M Polk JSF professorship; Capital One engagement; the Quantitative Foundation's founding gift.
- **Part I, Section IX (Public Statements & Executive Signaling):** Bourne's death and institutional tributes; Beardsley's public statement; Gertler's enrollment figures and dean-search timeline.

Sources

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<https://datascience.virginia.edu/>

In memoriam announcement for Philip Bourne — founding dean's death March 8, 2026, plans to step down, Blume interim assignment, Stephenson chair history, Burgess role

<https://datascience.virginia.edu/news/memorial-philip-bourne-founding-dean-school-data-science>

UVA News memoriam for Philip Bourne — institutional account of Bourne's career and the school's founding

<https://news.virginia.edu/content/memorial-philip-bourne-founding-dean-school-data-science>

UVA Magazine report on Bourne's death — Blume named interim dean, dean search expected fall 2026 per Gertler, 691 enrolled students, minor size, B.S. cohort growth (75/127/~150), building details

https://uvamagazine.org/articles/philip_bourne_dean_of_uvas_data_science_school_dies

EurekAlert release on Bourne's passing — President Beardsley statement, Stephenson statement, founding history

<https://www.eurekalert.org/news-releases/1119485>

Bourne 100,000-citation milestone announcement — career background including NIH and UCSD roles

<https://datascience.virginia.edu/news/uva-school-data-science-dean-phil-bourne-surpasses-100000-citations>

SDS AI Policy (PDF, October 2024) — student rights, syllabus requirements, baseline parameters, prohibited use penalties

<https://api.dsi.virginia.edu/sites/default/files/2024-10/Artificial%20Intelligence%20Policy.pdf>

2025 Update on the Report of the Provost's Task Force on AI Research — 11 Commonwealth Chairs in AI to seven schools (schools not enumerated), AI Catalyst, AI Research@UVA establishment

<https://ai.provost.virginia.edu/2025-update-on-the-report-of-the-provost-s-task-force-on-ai-research>

AI Research@UVA co-director announcement — initiative origin in the Task Force co-chaired by Alvarado and Evans

<https://ai.provost.virginia.edu/new-co-directors-for-ai-researchatuva>

SDS centers and collaboratories page — Center for Data Ethics and Justice, CAEDS, DCADS, DAHC with governance description

<https://datascience.virginia.edu/pages/centers-and-collaboratories>

DAHC program page — five-dean backing, "not a new center or lab" framing, four coordination functions, steering committee, contact

<https://datascience.virginia.edu/research/DAHC>

DAHC launch announcement (January 22, 2026) — six schools plus UVA Health, Bourne and Andrew Taylor statements

<https://datascience.virginia.edu/news/uva-launches-collaboratory-data-ai-and-health>

Center for Data Ethics and Justice program page — training and research partnership with SDS

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CAEDS program page — SDS-SEHD collaboratory on education data problems

<https://datascience.virginia.edu/research/CAEDS>

DCADS program page — Darden-SDS Collaboratory for Applied Data Science

<https://datascience.virginia.edu/DCADS>

Virginia Business coverage of AI in Virginia business schools — Ruggiano named DCADS director, interdisciplinary AI framing (January 2026)

<https://virginiabusiness.com/business-schools-data-science-education-trends/>

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<https://datascience.virginia.edu/research/labs>

2026 FAIR fellowship announcement — Danks, Yildirim, and Wang projects, up to \$100K per fellowship, eight UVA fellows total

<https://datascience.virginia.edu/news/data-science-faculty-awarded-fellowships-advance-ethical-ai>

SDS research news feed — Shakeri grant (Jan 23, 2026), Hartvigsen \$1M NIH dermatology grant (Jan 21, 2026), LaunchPad awards (Dec 15, 2025), MSDS concentrations (Jan 7, 2026), DAHC launch

<https://datascience.virginia.edu/news/research>

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Tom Hartvigsen SDS faculty profile — research focus, MIT CSAIL postdoc, WPI doctorate

<https://datascience.virginia.edu/people/tom-hartvigsen>

Tom Hartvigsen personal site — NIH dermatology project at \$2M over two years with Alaa and Daneshjou, Capital One Faculty Fellowship, NSDPI and Cancer Center appointments, NeurIPS workshop, Christ advising
<https://www.tomhartvigsen.com/>

Jefferson Scholars Foundation announcement of the Danks hire — \$10M professorship, DIVER Lab, National AI Advisory Committee background
<https://www.jeffersonscholars.org/news/foundation-funded-professorship-brings-leading-ai-ethics-and-philosophy-scholar-uva>

David Danks SDS profile with research areas and appointment details
<https://datascience.virginia.edu/people/david-danks>

Cavalier Daily profile of Danks's arrival at UVA (February 2026)
<https://www.cavalierdaily.com/article/2026/02/david-danks-professor-of-ai-ethics-and-philosophy-arrives-at-the-university>

Yildirim SIGCHI Dissertation Award announcement
<https://datascience.virginia.edu/news/assistant-professor-nur-yildirim-receives-sigchi-dissertation-award>

Faculty research directory — Blume, Beling, Brown, Bryan, Cheng, Agarwal, and lab-level research descriptions
<https://datascience.virginia.edu/faculty-research>

Nine new faculty announcement (2025) — Beling, Li, Ahn, Bryan, and others spanning ML and national security
<https://datascience.virginia.edu/news/school-data-science-welcomes-nine-new-faculty-2025>

Quantitative Foundation endowed chairs announcement (March 6, 2024) — Baek, Kropko, Sheng Li, and Brian Wright named Quantitative Foundation Associate Professors; BOV approval; QF's \$120M founding gift
<https://datascience.virginia.edu/news/four-data-science-faculty-members-receive-endowed-chairs>

Class of 2024 ceremony coverage — Edgar F. Shannon Award context (Z Society, top graduating student per school), Blume's prior associate dean title, Brown's senior associate dean role
<https://datascience.virginia.edu/news/uvas-school-data-science-honors-class-2024>

UVA Northern Virginia Inspire 2026 faculty spotlight — SDS faculty including Dahshan teaching the AI Literacy Bootcamp and Foundations of Data Science pre-college courses
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SDS academics page describing B.S., MSDS, and Ph.D. programs
<https://datascience.virginia.edu/academics>

MSDS concentration announcement (January 7, 2026) — AI, Data Visualization, Genomics, Sports Data Science; AI concentration unlimited capacity
<https://datascience.virginia.edu/news/uva-data-science-expands-msds-residential-program-four-new-concentrations>

MSDS academics page with curriculum details, spiral learning framework, and DS 2004 description
<https://datascience.virginia.edu/degrees/info/academics>

Ph.D. admissions page listing AI and Machine Learning as an explicit research interest area
<https://datascience.virginia.edu/phd/admissions>

Fall 2025 Ph.D. cohort announcement — human-centered AI, trustworthy ML, multimodal learning interests
<https://datascience.virginia.edu/news/uva-school-data-science-welcomes-new-phd-cohort-fall-2025>

Class of 2026 graduation coverage — six Ph.D. graduates' AI research areas, Kemi Jona keynote, Stewart's Ph.D. program role, Wood Family Award
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Inaugural Distinguished Dissertation Award announcement — Bryan Christ, AI research advancing math education
<https://datascience.virginia.edu/news/school-data-science-honors-first-distinguished-dissertation-award-recipient>

Career services and future-of-work coverage — Riipen employer-project partnership beginning January 2026
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Capital One partnership page — Capital One Hub at SDS, Data Justice Academy, Natarajan's SDS Board membership

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<https://datascience.virginia.edu/events/spring-data-science-ai-night/feb-25>

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Research Interest Groups page documenting AI and Machine Learning as an explicit category

<https://datascience.virginia.edu/pages/research-interest-groups>

4.

Unit 4. Darden School of Business

KEY SIGNALS

Darden hosts the largest AI-specific philanthropic investment at any business school in the world, with more than \$62 million of the LaCross family's \$101 million gift directed to AI and anchoring the LaCross Institute for Ethical Artificial Intelligence in Business. The institute functions as a cross-university connector rather than a school asset: its FAIR fellowships fund two-year, \$100,000 collaborations spanning Engineering, Data Science, Medicine, Commerce, and Arts & Sciences, and its advisory board seats five UVA deans. Darden's classroom posture remains the most permissive publicly documented at UVA, with generative AI required, not merely allowed, in the first-year Strategy course and a deployed AI discussion agent, CAiSEY, serving all five sections since fall 2025. The school is also the institutional source of UVA's presidential AI orientation: Scott Beardsley left the David M. LaCross Deanship to become UVA's 10th president on January 1, 2026, with Mike Lenox serving as interim dean while a search for a permanent successor proceeds.

The Darden School of Business offers graduate programs including the Full-Time MBA, Part-Time MBA, Executive MBA, MSBA (joint with the McIntire School of Commerce), and Ph.D., with Grounds in Charlottesville and the Washington, D.C., area. Interim Dean Mike Lenox has led the school since January 1, 2026, following Scott Beardsley's election as UVA's 10th president. The school's AI posture is anchored by the LaCross Institute, which frames AI as a leadership and ethics challenge rather than a purely technical one, and by faculty who hold prominent national positions in AI economics, ethics, and policy.

4.1 Governance & Policy

LaCross Institute for Ethical Artificial Intelligence in Business

The LaCross Institute is Darden's central AI governance and coordination structure and one of four AI research hubs named in the Provost's October 2025 Task Force update. The UVA Board of Visitors approved the institute in September 2024; the institute's own initiatives page states it "was established in 2025." It grew out of Darden's AI Initiative, created in 2022 with the initial LaCross gift.

The funding history is the largest of its kind. David LaCross (MBA '78) and Kathy LaCross gave \$101 million in October 2023, the largest gift in Darden's history, with \$50 million earmarked for the AI institute. The family's AI-directed investment has since grown to more than \$62 million, described in launch coverage as the largest AI gift to any business school in the world. LaCross professorships announced in September 2024 include the LaCross AI in Business University Professorship, a \$10

million endowment built from \$5 million in LaCross funds matched by \$5 million from UVA's Bicentennial Professors Fund and explicitly designed to support Darden–School of Data Science collaboration, and a Practitioner Chair in AI. The deanship itself carries the donor's name: Beardsley held the title of David M. LaCross Dean.

The institute's stated mission is to "make the world a better place through the responsible use of AI in business by developing leaders who can manage AI businesses and solutions," guided by ethics, values, and the advancement of human well-being. Its research page defines eight themes: Bias and Misinformation, Analytical Leadership, Healthy Choices, Human–AI Performance, Society, Value Chain of Ethical AI, Entrepreneurship, and Privacy & Ethical AI.

Leadership comprises a director and two academic co-directors. Marc Ruggiano is Founding Director of the LaCross AI Institute and Special Advisor for AI Initiatives at Darden; he also serves as inaugural director of the Darden–Data Science collaboratory DCADS. Yael Grushka-Cockayne and Rajkumar Venkatesan serve as Academic Co-Directors. The institute's UVA Advisory Board seats five deans: Melody Barnes (Founding Executive Director, Karsh Institute of Democracy), Jeffrey Blume (Interim Stephenson Dean, School of Data Science), Amanda Cowen (Interim John A. Griffin Dean, McIntire), Mike Lenox (Interim Dean, Darden), and Jennifer West (Dean, Engineering). As of March 2026 the institute lists six research fellows (Chirag Agarwal, Max Biggs, Ferdinando Fioretto, Tom Hartvigsen, Samuel Levy, and Mona Sloane), seventeen affiliated faculty drawn from Darden and the School of Data Science, and five staff.

Dean Transition

The Board of Visitors unanimously elected Scott Beardsley as UVA's 10th president on December 19, 2025; his term began January 1, 2026, ending a deanship of roughly ten years, the longest in Darden's history. Interim Executive Vice President and Provost Brie Gertler announced on December 30, 2025 that Mike Lenox, University Professor and Tayloe Murphy Professor of Business Administration, would serve as interim dean effective January 1. Lenox stated he will not be a candidate for the permanent role, and Gertler indicated Darden's 10th dean would likely be in place by fall 2026. The transition matters for AI governance because Beardsley's AI record, including development and advisory chairmanship of the LaCross Institute, now sits in Madison Hall, not at Darden.

Darden–Data Science Collaboratory (DCADS)

The UVA Darden–Data Science Collaboratory for Applied Data Science was established in 2022, jointly organized by Darden and the School of Data Science with support from the Office of the Provost. Its mission is to advance the research, teaching, and practice of management through applied data science, with a collaborative interdisciplinary approach, a grounding in business ethics, and an emphasis on analytical leadership. DCADS launched the FAIR fellowship program in fall 2023 and administered its first cycle before the LaCross Institute assumed management. Ruggiano, the collaboratory's inaugural director, works across both schools.

Data, AI, and Health Collaboratory (DAHC)

Darden is one of six schools, alongside UVA Health, jointly supporting the Data, AI, and Health Collaboratory launched January 22, 2026. DAHC describes itself as organizational infrastructure rather

than a new center, coordinating multi-school grant proposals, seminars, working groups, and external partnerships at the intersection of data science, AI, and health. The Darden dean is among the five deans publicly backing the structure.

Policy Posture

No Darden-specific AI use policy was identified. Classroom AI rules rest with individual faculty under the Provost's framework codified in Faculty Handbook Section 3.3.14. The school's de facto position is visible in practice, not policy: generative AI is required in the core Strategy course, and Interim Dean Lenox has argued publicly, in a blog post on academic integrity referenced in May 2026 Darden Report coverage, that approaches built primarily on restriction and enforcement, such as handwritten exams, proctored testing, and AI-detection software, will not alone solve the integrity problem.

Darden operates a separate Microsoft tenant from UVA's central system, with Copilot access through Darden-specific credentials.

4.2 People

Mike Lenox — Interim Dean since January 1, 2026; University Professor and Tayloe Murphy Professor of Business Administration. Joined Darden in 2008 from Duke's Fuqua School; served as Senior Associate Dean and Chief Strategy Officer from 2016 to 2023, as inaugural Donna and Richard Tadler University Chair of Entrepreneurship leading the pan-university UVA Innovates initiative, and as executive director of the Batten Institute. Co-author of the AI-focused Darden case "Intertrust Technologies: Digitizing and Decarbonizing the Electric Grid" (2024) and co-host, with Grushka-Cockayne, of the Good Disruption podcast, whose "AI Companions" episode examined AI's displacement of human connective labor. Has written publicly on academic integrity in the AI era. Not a candidate for the permanent deanship.

Yael Grushka-Cockayne — Academic Co-Director of the LaCross Institute; Senior Associate Dean for the Full-Time MBA and Landmark Communication Professor of Business Administration; Special Advisor to the Provost on AI, a role in which she and Scott Acton (Engineering) designed the AI Research@UVA initiative recommended by the 2024 Provost's Task Force on AI Research. Director of the MBA concentration in AI, Data Analytics and Decision Sciences. Co-author of Darden cases including "Coding for MBAs in the Age of AI," "Coding User Interfaces with AI," and "nPlan: Breaking Biases in Project Planning." Delivered closing remarks at the 2024 and 2025 UVA Conferences on Ethical AI in Business.

Rajkumar Venkatesan — Academic Co-Director of the LaCross Institute and Ronald Trzcinski Professor of Business Administration. Researches AI marketing strategies, stakeholder trust in AI, and consumer–AI interactions. Co-authored the institute's Fall 2025 white paper, "Navigating the Future of Business: The Interplay of Privacy, Trust and Human Interaction in Artificial Intelligence," with Shannon McGarrell (MBA '25), delivered a keynote at the inaugural 2024 conference, and moderated the 2025 conference panel on AI operating and investment gaps. Co-announced the 2026 FAIR cohort.

Marc Ruggiano — Founding Director of the LaCross AI Institute and Special Advisor for AI Initiatives at Darden; inaugural director of DCADS, working in both Darden and the School of Data

Science. Manages institute operations and the FAIR program, co-announced the 2026 FAIR cohort, and has spoken publicly on interdisciplinary approaches to AI in business education, including in January 2026 Virginia Business coverage.

Anton Korinek — Professor in the Department of Economics and the Darden School of Business and faculty director of EconTAI, the Economics of Transformative AI Initiative. Named to the 2025 TIME100 list of the most influential people in AI. Visiting Fellow at the Brookings Institution, member of Anthropic's Economic Advisory Council, and Research Associate at NBER and CEPR. Delivered the closing keynote at the December 2025 conference, "Minding the Bigger Gap: Recursive AI Self-Improvement and Preparing for Transformative AI." A pilot participant in the AI Literacy and Action Lab launched by the Library and the College in April 2026. Author of the Darden case "Artificial Intelligence Here and Now: Managing Through Hype and Reality."

Jared Harris — Samuel L. Slover Research Chair and one of the academic directors of Darden's Institute for Business in Society. Head of the required first-year Strategy course, where generative AI is required and where he introduced the CAiSEY discussion agent in fall 2025. His transparency rules require students to disclose which chatbot they used, share prompts and results, explain how they verified output for hallucinations, and describe how their own thinking improved the AI's product.

Brian Moriarty — Teaches the core Leadership Communication course, in which all first-year students interact with an AI "speech coach" that provides automated feedback, a deployment separate from CAiSEY.

Robert A. Phillips — Ruffin Professor of Business Ethics. 2026 FAIR fellow, co-leading "AI and Managerial Moral Responsibility" with David Danks (Data Science), which examines the nature of AI agency and responsibility in corporate settings. Moderated the AI & Ethics sessions at both the 2024 and 2025 conferences.

Luca Cian — Killgallon Ohio Art Professor of Business Administration and Marketing Area Coordinator. 2026 FAIR fellow on "Designing Radiology AI for Enhanced Human + AI Performance" with Nur Yildirim (Data Science) and Cree Gaskin (UVA Health). His research explores psychological responses to artificial intelligence using biofeedback and eye-tracking methods; he serves as an AI expert for the U.S. Department of Homeland Security and as a Senior Scholar at Columbia Business School. Recipient of the 2025 SPSP Cialdini Prize and the 2024 BSPA Innovation Award.

Michael Albert — Assistant Professor of Business Administration. 2026 FAIR fellow on "LLM-Enabled Abuse in Digital Advertising" with Tianhao Wang (Computer Science, Engineering) and Jingjing Li (McIntire). Author of the AAAI-24 paper "Learning in Online Principal-Agent Interactions" and co-author of the Darden case "Kibet Capital: Representation in Advertising."

Max Biggs — Assistant Professor of Business Administration and current LaCross research fellow. 2025 FAIR recipient with Ferdinando Fioretto (Computer Science) for "Privacy and Fairness in AI Pipelines: From Data Collection to Decision-Making." Presented at the January 2026 FAIR Symposium.

Samuel Levy — Assistant Professor of Business Administration and current LaCross research fellow. 2025 FAIR recipient with Chirag Agarwal (Data Science) for "Privacy-First Advertising and Machine

Unlearning: Scaffolding Consumer Trust with Ethical AI." Presented at the January 2026 FAIR Symposium.

Roshni Raveendhran — Assistant Professor of Business Administration researching AI and the workforce, including AI recruiting research with Sarah Lebovitz (McIntire) and Mona Sloane (Data Science). Author of "Where AI Can — and Can't — Help Talent Management" (Harvard Business Review, 2022) and Darden cases including "Oil: Can Artificial Intelligence Support Personal Well-Being?" and "Fostering Employee Engagement at Google: To AI or not to AI?"

Bidhan L. (Bobby) Parmar — Associate Dean for Faculty Development and Shannon G. Smith Bicentennial Professor of Business Administration; LaCross affiliated faculty member. Moderated the December 2025 conference lunch conversation with novelist Bruce Holsinger on *Culpability*, a novel about AI and moral responsibility.

Timothy Laseter — Professor of Practice and LaCross affiliated faculty member. Co-author of the cases "Artificial Intelligence in Business," "Shiftsmart: Opportunity for Fractional Labor," and "Verve Motion: Powering the Human Workforce." Served as discussant for the December 2025 session on privacy-preserving digital twins of social systems with Anil Vullikanti (Biocomplexity Institute).

Keith McCormick — 2025–26 Bodily Bicentennial Professor of Analytics. Professional analytics consultant and trainer; led the Privacy & Ethical AI session at the December 2025 conference with Meta's Becky Heironomus.

Saed Alizamir, Gabrielle (Gabe) Adams, Rahul Bhandari, Lillien Ellis, Rupert Freeman, Ben Leiner, and Anthony Palomba — Darden members of the LaCross Institute's affiliated faculty roster, alongside data science colleagues Farhana Faruqe, Alex Gates, Terence Johnson, and Michael D. Porter. Ellis co-authored "A Technical Note on Generative Art" and has spoken publicly on AI-generated imagery and authorship; Freeman's work includes "Efficient Resource Allocation With Secretive Agents" (IJCAI 2022); Adams holds appointments in public policy and business administration with a courtesy in psychology.

Skyler Clark-Hamel and Jack Becker — Darden Ph.D. students named Student Fellows on the 2026 FAIR project "AI and Managerial Moral Responsibility."

Scott Beardsley — Former David M. LaCross Dean and Charles C. Abbott Professor of Business Administration; UVA's 10th president since January 1, 2026. Developed and chaired the advisory council of the LaCross Institute as dean; his Oxford MSt in Practical Ethics concentrates in artificial intelligence. His presidential AI record is covered in Part I, Section IX.

4.3 Teaching & Curriculum

Generative AI in the Core Strategy Course

All first-year MBA students, 359 in the cohort covered by UVA News, encounter AI in the required Strategy course, where generative AI moved from welcomed to required in fall 2025. Students use ChatGPT, Claude, Copilot, or any chatbot of their choice for research, coursework, and exams, under Harris's full-transparency rules. Harris frames the goal as ensuring students "develop mastery about the subject, not just about how to write a ChatGPT prompt."

The course deploys CAiSEY (Classroom Artificial Intelligence Studio for Engaging You), an AI discussion agent students must use to meet a small percentage of course requirements across all five sections. CAiSEY conducts realistic, voice-based conversations about course material in interactions Harris describes as "polite but adversarial," designed to challenge the student's assumptions and analytical logic before in-class case discussion. Each conversation generates tailored, automated feedback summarizing strengths and suggested improvements. CAiSEY was created by Professor Dan Wang of Columbia Business School, who piloted it simultaneously in a similar Columbia course; by December 2025 the platform reached roughly 3,000 students across eight business schools, according to Poets&Quants commentary.

A May 2026 Darden Report feature documented the pedagogical stakes. Earlier in the year a majority of first-year students missed the same Strategy quiz question by selecting the same wrong answer; a teaching team member found that ChatGPT confidently produced the identical incorrect response. Harris projected the AI answer in class the next day: "This is the problem. How do you know if GenAI is feeding you something wrong, or if it's doing something efficient and valuable for you?"

AI Speech Coach in Leadership Communication

In the core Leadership Communication course taught by Brian Moriarty, all first-year students interact with an AI "speech coach" that provides automated feedback on their communication, a deployment distinct from CAiSEY.

MBA Concentration in AI, Data Analytics and Decision Sciences

Announced April 22, 2025 and launched in fall 2025, the concentration formalizes Darden's analytics and AI curricular strength into a defined pathway of 25 courses, of which at least six are required for completion. Grushka-Cockayne directs the concentration and framed it as "another indication of Darden's commitment to educating responsible leaders who will understand and embrace ethical AI in their post-Darden careers."

MSBA (Joint with McIntire)

The M.S. in Business Analytics, offered in partnership with the McIntire School of Commerce, is marketed as "built for the age of artificial intelligence," per January 2026 Darden Report coverage.

Case Development

Darden faculty have produced a substantial AI teaching-case corpus, published through Darden Business Publishing and catalogued on the LaCross education page. Portal-confirmed titles include "Artificial Intelligence Caselets" (Wicks, Nolan, Korinek, Mead, 2020), "Automated Hiring at Amazon" (Wicks et al., 2021), "Artificial Intelligence Here and Now" (Korinek, Spencer, 2021), "Artificial Intelligence in Business" (Laseter, Frazer, Boatright, 2022), "Move Fast but Without Bias: Ethical AI Development in a Start-up Culture" (Gentile, Krasniansky, 2022), "Recommendation Algorithms and Politics on Social Media" (Gentile, Sloane, 2022), "Developing the Workforce of the Future" (Raveendhran, 2022), "Fostering Employee Engagement at Google: To AI or not to AI?" (Raveendhran, Kim-Schmid, 2022), "Coding for MBAs in the Age of AI" and "Coding User Interfaces with AI" (Grushka-Cockayne, Cowen, 2024), "nPlan: Breaking Biases in Project Planning" (Grushka-Cockayne, Gruzdowich, 2024), "A Technical Note on Generative Art" (Ellis, Boatright, Fletcher,

2024), "Kibet Capital: Representation in Advertising" (Albert, Boatright, 2024), "Roqueta Origen: Streamlining Wine Storage and Mixing" (Biggs, Baucells, Alizamir, Klopfenstein, 2024), "Oil: Can Artificial Intelligence Support Personal Well-Being?" (Raveendhran, Klopfenstein, 2024), "Shiftsmart: Opportunity for Fractional Labor" and "Verve Motion: Powering the Human Workforce" (Laseter, Sesia, et al., 2024), "Flipkart: Reimagining the Digital Customer Experience" (Venkatesan, Kemp, 2024), and "Intertrust Technologies: Digitizing and Decarbonizing the Electric Grid" (Lenox, Prabhaker, 2024).

Executive Education

The LaCross Institute offers three executive education tracks: "AI for Business Leaders," delivered in person in Charlottesville for leaders at all levels; "AI Essentials for Government Leaders," a 2.5-day intensive in the Washington, D.C., area covering generative AI, machine learning, computer vision, ethics, bias, data governance, and security; and a self-paced online option for individual contributors and team leaders.

Commerce Essentials GenAI Micro-Course

A self-paced, half-credit online course introducing generative AI technologies and business applications is available through McIntire's Commerce Essentials program and open to all UVA students. (Cross-reference: Unit 5, McIntire.)

4.4 Tools & Technology

Darden operates a separate Microsoft tenant from UVA's central system, with Copilot access available through Darden-specific credentials. Two AI tools are deployed in the required first-year curriculum: CAiSEY, the voice-based discussion agent in the Strategy course, and the AI speech coach in Leadership Communication. CAiSEY is externally built, originating with Dan Wang at Columbia Business School and used across multiple institutions.

No additional Darden-specific AI tool deployments or procurement decisions were identified in available sources.

4.5 Research & Scholarship

Fellowships in AI Research (FAIR)

FAIR is the LaCross Institute's primary research vehicle, awarding up to \$100,000 annually for two-year fellowships supporting cross-disciplinary collaborations among UVA faculty, staff, and students. (UVA School of Medicine coverage of the 2026 awards describes the fellowship as 18 months.) The program launched in fall 2023 under DCADS, which administered the first cycle in 2023–24; the LaCross Institute has managed it since. Eligibility extends to all full-time UVA faculty, with preference for AI, ethics, data science, and business and for collaborations spanning multiple disciplines and units; non-faculty with ten or more years of relevant experience are also eligible, with preference for Darden and School of Data Science alumni.

The 2025 cycle drew proposals from six UVA schools representing ten disciplines and three universities, all with substantial student involvement. Two fellowships were awarded: Ferdinando

"Nando" Fioretto (Computer Science, Engineering) with Max Biggs (Darden) for "Privacy and Fairness in AI Pipelines: From Data Collection to Decision-Making," and Samuel Levy (Darden) with Chirag Agarwal (Data Science) for "Privacy-First Advertising and Machine Unlearning: Scaffolding Consumer Trust with Ethical AI."

The 2026 cycle drew 15 submissions from five UVA schools; three fellowships were awarded, naming eight faculty fellows, at the January 30, 2026 FAIR Symposium. The teams:

"AI and Managerial Moral Responsibility" pairs Robert A. Phillips (Darden) with David Danks (Data Science), with Darden Ph.D. students Skyler Clark-Hamel and Jack Becker as Student Fellows. The project examines the nature of AI agency and managerial responsibility: when a human manager should be held responsible for an AI system's actions, when an AI should be "blamed" and what that would involve, and how AI-enabled workplace capabilities should change moral expectations and norms.

"LLM-Enabled Abuse in Digital Advertising: Mapping Malicious Services and Trigger–Tag Mitigation for Ethical AI in Business" pairs Michael Albert (Darden) with Tianhao Wang (Computer Science, Engineering) and Jingjing Li (McIntire). The team will map how malicious LLM services operate within advertising and marketplace workflows, quantify their impact on conversion rates, click attribution, and complaint rates, and build a mitigation pipeline using defensively fine-tuned LLMs.

"Designing Radiology AI for Enhanced Human + AI Performance" pairs Luca Cian (Darden) with Nur Yildirim (Data Science) and Cree Gaskin, M.D., Chief Medical Imaging Information Officer in the Department of Radiology and Medical Imaging at UVA Health and professor and interim chair of the department. Motivated by evidence that AI assistance improves performance for some radiologists while worsening it for others, the project will fine-tune a multimodal foundation model on a UVA Health X-ray dataset, test how visual grounding and workflow timing affect accuracy, error detection, and reliance calibration, and synthesize validated metrics for human-AI collaboration quality.

Intelligence Initiative

The Intelligence Initiative: Humans, Machines and the Future of Business pre-dates the LaCross Institute and brings together scholars to examine AI's impact on business and education.

EconTAI

Anton Korinek directs EconTAI, the Economics of Transformative AI Initiative, which examines how economies might respond to advanced AI. The initiative spans Korinek's joint appointment in Economics (Arts & Sciences) and Darden.

White Paper Series

The institute publishes white papers in its Value Chain of Ethical AI series. The Fall 2025 paper, "Navigating the Future of Business: The Interplay of Privacy, Trust and Human Interaction in Artificial Intelligence," was authored by Venkatesan and Shannon McGarrell (MBA '25). An earlier whitepaper, "Building Stakeholder Trust in AI," emerged from the December 2023 Darden Ethical AI Conference.

Thought Leadership

Institute-affiliated commentary published through Darden Ideas to Action includes Rodney Sullivan (Executive Director, Mayo Center for Asset Management) on AI-driven productivity and its portfolio implications, and Lillian Ellis on AI-generated imagery and the boundaries of art and authorship. The Good Disruption podcast episode "AI Companions," featuring Grushka-Cockayne, Lenox, and sociologist Allison Pugh, examined connective labor and the risks of AI displacing human care.

Research Resources

The LaCross Institute maintains a compiled listing of external AI research funding opportunities from Amazon, Microsoft, Sony, Anthropic, NVIDIA, and other technology firms, including program descriptions, deadlines, and eligibility criteria.

Student Ventures

Darden's i.Lab incubator has supported AI startups including Salmos AI, whose Busco micro-advertising platform was co-founded by Psalms Morales and data science student Layla Ranjbar. (Cross-reference: Unit 3, Data Science.)

4.6 Events & Programming

Darden Ethical AI Conference (December 2023)

Darden's first dedicated ethical-AI conference, held in December 2023, produced the "Building Stakeholder Trust in AI" whitepaper. Renée Cummings, now Assistant Professor of the Practice in Data Science, was among those featured.

"Building Stakeholder Trust in AI" Webinar (November 1, 2024)

Venkatesan, Cian, and Omar Garriott (Batten Institute Executive Director) presented a webinar on the whitepaper's themes; a recording is publicly available.

Inaugural UVA Conference on Ethical AI in Business (December 6, 2024)

The LaCross Institute's signature launch event, themed "The Value Chain of Ethical AI," drew 150 attendees and nearly 30 speakers to The Forum Hotel. The theme introduced the institute's framework for examining ethical considerations across AI's lifecycle, from infrastructure and data management to model training, application, and outcome monitoring. Keynotes came from Venkatesan, Tom Davenport, and Kirsten Martin; morning sessions featured faculty from six UVA schools; afternoon panels brought healthcare, technology, and talent-management leaders; and breakout sessions had participants draft ethical-AI agendas for their own organizations. Featured speakers included David Danks (then at UC San Diego), Korinek, Phillips, and Peter McCrory of Anthropic. Grushka-Cockayne delivered the closing recap.

Third Annual Conference: "Minding the Gap" (December 5, 2025)

The third annual UVA Conference on Ethical AI in Business, themed "Minding the Gap: How AI Drives Performance and What Limits Its Impact," convened faculty, technologists, economists, and fiction writers at The Forum Hotel. Beardsley, in his final month as dean, gave opening remarks. Peter

McCrory, Head of Economics at Anthropic, delivered the opening keynote on uneven AI adoption patterns and their economic implications; Korinek closed with "Minding the Bigger Gap: Recursive AI Self-Improvement and Preparing for Transformative AI." The lunch session paired Bobby Parmar with UVA English professor Bruce Holsinger to discuss Holsinger's AI-themed novel *Culpability*. Sessions covered AI's strategic capabilities in behavioral simulations (Maëlle Perez, Rory McDonald), the question "AI in 2025: Bubble or Not?" (Ian Appel, Marc Lipson), privacy-preserving digital twins of social systems (Timothy Laseter with Anil Vullikanti of the Biocomplexity Institute), AI and ethics (Phillips with Danks), AI as entrepreneurial co-founder (Garriott moderating UVA Chief Innovation Officer Paul Cherukuri, Reddit and Pinterest founding CTO Marty Weiner, CvilleBioHub's Nikki Hastings, and Neal Magee of Data Science), AI investing across public and private markets (Sullivan moderating), privacy and ethical AI (McCormick with Meta's Becky Heironomus), agentic AI (Carlos Bortoni moderating), the human side of AI implementation (Lisa Cannell moderating), and operating and investment gaps (Venkatesan moderating leaders from DoorDash and Merkle).

FAIR Symposium (January 30, 2026)

The second annual Fellowships in AI Research Symposium at The Forum Hotel featured presentations from the 2025 fellows (Agarwal, Biggs, Fioretto, and Levy) and concluded with Ruggiano and Venkatesan announcing the 2026 cohort. Venkatesan noted the cohort was remarkably challenging to select given the variety and depth of submissions across five UVA schools.

Salon Series and Value Chain Series

The institute runs a recurring Salon Series; an October 2025 half-day salon addressed understanding and enhancing human performance with AI. Its "Exploring the Value Chain of Ethical AI" event series has included a deep dive on data centers, with industry speakers on the sector's growth, professional opportunities, and business and societal challenges. A separate institute event addressed AI, innovation, and experiential learning in management education. A Darden Reunion "AI Lunch and Learn" was scheduled for April 24, 2026.

Darden Business Library AI Guide

The Darden Business Library maintains an "AI and Data Science" research guide linking to the LaCross Institute, industry databases, and generative AI tools.

Gaps and Observations

The LaCross Institute has moved from launch phase to operating rhythm in roughly eighteen months: three annual conferences, two FAIR cycles under its management, a white paper series, a salon series, executive education in market, and a curricular concentration with a named director. The open question from v1, whether outputs would scale to match the endowment, now has partial answers. The FAIR program tripled its award count from 2025 to 2026 and drew 15 submissions from five schools, and the advisory board structure formally binds five deans to the institute. What remains unbuilt is any binding governance: the institute's eight research themes shape funding priorities but do not constitute policy, and no Darden-specific AI use policy exists. Classroom rules rest on individual faculty authority, which at Darden has been exercised in the most permissive direction publicly documented at UVA.

The dean transition concentrates risk and influence simultaneously. Beardsley's departure removes the dean who built the institute and held the LaCross-named deanship, while installing UVA's most AI-credentialed president. Lenox is a caretaker by his own declaration, and the permanent dean expected by fall 2026 will inherit the largest AI-directed endowment of any business school with no published strategic plan beyond the institute's mission statement.

Source inconsistencies persist on founding dates: the BOV approved the institute in September 2024 while the institute's own page says it was established in 2025, and the LaCross newsletter dates DCADS to 2021 while the dedicated collaboration page says 2022. The FAIR fellowship is described as two years on the program's symposium page and as 18 months in School of Medicine coverage. These are reported here as published.

Cross-References

- **College of Arts & Sciences (Unit 1):** Korinek holds a joint appointment in Economics; Bruce Holsinger (English) featured at the December 2025 conference; Korinek pilots the AI Literacy and Action Lab.
- **School of Engineering (Unit 2):** Fioretto (CS) is a 2025 FAIR recipient with Biggs and a current LaCross research fellow; Tianhao Wang (CS) is a 2026 FAIR fellow with Albert; the SEAS dean sits on the LaCross advisory board and backs DAHC.
- **School of Data Science (Unit 3):** DCADS is the joint collaboratory and FAIR's birthplace; Danks, Yildirim, Agarwal, Hartvigsen, and Sloane connect through FAIR and the fellow roster; Blume sits on the advisory board; MSBA and i.Lab ties.
- **McIntire School of Commerce (Unit 5):** MSBA jointly offered; Jingjing Li is a 2026 FAIR fellow; Cowen sits on the LaCross advisory board; Commerce Essentials GenAI micro-course open to all students.
- **School of Medicine / UVA Health (Unit 7):** Cree Gaskin is a 2026 FAIR fellow; DAHC links Darden to the health-AI coordination structure.
- **Biocomplexity Institute (Unit 13):** Vullikanti presented on privacy-preserving digital twins at the December 2025 conference.
- **Provost's Office & CTE (Unit 17):** Grushka-Cockayne serves as Special Advisor to the Provost on AI and co-designed AI Research@UVA; the LaCross Institute is one of four AI research hubs named in the October 2025 Task Force update.
- **Part I, Section III (Teaching & Learning Posture):** Darden's required GenAI use in core coursework anchors one end of the institutional spectrum.
- **Part I, Section IV (Tool Ecosystem):** Darden operates a separate Microsoft tenant for Copilot access.
- **Part I, Section VIII (Infrastructure & Strategic Investment):** The LaCross gift is UVA's largest single AI-directed philanthropic investment.
- **Part I, Section IX (Public Statements & Executive Signaling):** Beardsley's Darden AI record now informs the presidency.

Sources

LaCross Institute for Ethical AI in Business main page documenting mission and institute structure

<https://www.darden.virginia.edu/lacross-ai-institute>

LaCross Institute about page documenting the \$101M gift, expansion to \$62M+ in AI investment, and the University Professorship and practitioner chair in AI

<https://www.darden.virginia.edu/lacross-ai-institute/about>

LaCross Institute people page documenting leadership, advisory board, research fellows, affiliated faculty, and staff

<https://www.darden.virginia.edu/lacross-ai-institute/about/people>

LaCross Institute education page listing executive education programs and the AI teaching-case corpus with catalog numbers

<https://www.darden.virginia.edu/lacross-ai-institute/education>

LaCross Institute research page documenting the eight research themes

<https://www.darden.virginia.edu/lacross-ai-institute/research>

LaCross Institute initiatives page documenting FAIR program structure, eligibility, nomination and application process, DCADS origins, and the "established in 2025" statement

<https://www.darden.virginia.edu/lacross-ai-institute/initiatives>

LaCross Institute collaboration page documenting DCADS's 2022 establishment, Provost's Office support, mission, and pilot-phase planning

<https://www.darden.virginia.edu/lacross-ai-institute/collaboration/uva-data-science>

LaCross Institute newsletter (Summer 2025) documenting leadership team, inaugural conference statistics, MBA concentration launch, 2025 FAIR awards, and thought leadership

<https://www.darden.virginia.edu/lacross-ai-institute/insights-news/newsletter>

2026 FAIR Symposium summary documenting the three 2026 fellowship teams, eight faculty fellows, student fellows, 15 submissions from five schools, \$100,000 two-year awards, and program history

<https://www.darden.virginia.edu/lacross-ai-institute/insights-news/2026-FAIR-Summary>

LaCross Institute events page documenting the FAIR Symposium, data centers event, and April 2026 Reunion AI Lunch and Learn

<https://www.darden.virginia.edu/lacross-ai-institute/events>

UVA Conference on Ethical AI in Business page documenting the December 5, 2025 "Minding the Gap" program, full speaker roster, and keynote bios

<https://www.darden.virginia.edu/lacross-ai-institute/events/conference>

LaCross Salon Series page

<https://www.darden.virginia.edu/lacross-ai-institute/events/salon-series>

LaCross FAIR Symposium event page

<https://www.darden.virginia.edu/lacross-ai-institute/events/fair-symposium>

Exploring the Value Chain of Ethical AI series page documenting the data centers event

<https://www.darden.virginia.edu/lacross-ai-institute/events/data-centers>

LaCross event page on AI, innovation and experiential learning in management education

<https://wwwprod3.darden.virginia.edu/lacross-ai-institute/events/ai-innovation>

LaCross external research resources compilation (Amazon, NVIDIA, Anthropic, and other programs)

<https://www.darden.virginia.edu/lacross-ai-institute/research/resources>

LaCross Institute Fall 2025 white paper by Venkatesan and McGarrell

<https://www.darden.virginia.edu/sites/default/files/inline-files/LaCross%20Institute%20White%20Paper%20-%20Fall%202025.pdf>

Darden Report announcement of the LaCross Institute launch with Beardsley and Grushka-Cockayne quotes
<https://news.darden.virginia.edu/2024/09/16/uva-launches-institute-at-darden-school-of-business-to-focus-on-artificial-intelligence/>

Darden Report interview with David LaCross on the gift and the institute's ambitions
<https://news.darden.virginia.edu/2024/09/16/the-david-lacross-interview-exploring-ais-endless-possibilities-and-dardens-call-to-action>

Darden Report on the LaCross professorships, including the \$10M University Professorship with Bicentennial match supporting Darden–SDS collaboration
<https://news.darden.virginia.edu/2024/09/30/lacross-professorships-usher-in-a-new-era-in-ai-leadership-at-uva-darden/>

UVA News announcement of the LaCross Institute launch documenting BOV approval and funding details
<https://news.virginia.edu/content/uva-launches-institute-darden-school-business-focus-artificial-intelligence>

Darden Report on the 2025 FAIR awards documenting the Fioretto/Biggs and Levy/Agarwal projects and six-school proposal pool
<https://news.darden.virginia.edu/2025/02/13/uva-darden-lacross-ai-institute-awards-fellowships-in-ai-research/>

School of Data Science article on the 2026 FAIR awards documenting the Danks, Yildirim, and Wang projects, the eight-fellow cohort, and \$100,000 funding
<https://datascience.virginia.edu/news/data-science-faculty-awarded-fellowships-advance-ethical-ai>

School of Medicine announcement of Cree Gaskin's 2026 FAIR fellowship documenting his radiology chairmanship and the 18-month description
<https://news.med.virginia.edu/honors-awards/cree-gaskin-md-receives-lacross-fellowship-for-ai-research/>

Eventbrite listing for the 2026 FAIR Symposium documenting date, venue, and program framing
<https://www.eventbrite.com/e/2026-fellowships-in-ai-research-fair-symposium-tickets-1977512340644>

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<https://datascience.virginia.edu/events/fellowship-ai-research-fair-symposium/jan-31>

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<https://ideas.darden.virginia.edu/artificial-intelligence-productivity>

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5.

Unit 5. McIntire School of Commerce

KEY SIGNALS

McIntire is one of the few UVA schools with a formal, school-level AI governance body: the AI Advisory Task Force, formed in spring 2024, published a whitepaper and roadmap, recruited a former OpenAI executive as Executive-in-Residence, and stood up a faculty AI Guides program with Provost's Office support. The school supplies one of the two co-directors of AI Research@UVA in Ryan Wright, who also serves as Special Advisor to the Provost for AI Research and co-authors the AI Exchange @UVA newsletter, making McIntire the administrative home of half of UVA's central AI research leadership. AI content runs through six graduate programs and a dedicated undergraduate track, and the Commerce Essentials GenAI micro-course is open to every UVA student. Amanda Cowen has led the school as Interim John A. Griffin Dean since July 1, 2025.

The McIntire School of Commerce offers undergraduate and graduate business programs. In fall 2025 the school shifted its hallmark B.S. in Commerce from a two-year to a three-year program, admitting students at the start of their second year, a transition overseen by Amanda Cowen before she became interim dean. The school jointly offers the M.S. in Business Analytics with Darden and operates seven research centers. Its AI posture combines a named school-level initiative, AI at McIntire, with unusually deep placement in UVA's central AI governance.

5.1 Governance & Policy

AI Advisory Task Force

McIntire established the AI Advisory Task Force in spring 2024 to lead the integration of AI across business education and practice. During summer 2024 the task force published a whitepaper detailing its initial goals, early findings, and accomplishments, including identifying and reviewing key resources and data, hosting a faculty upskilling workshop, and collecting insights from peer business schools, along with a roadmap for future strategy. Task force initiatives include the AI Guides Program, launched in fall 2024 with Provost's Office support to equip faculty to integrate AI tools into teaching and research; the "Future of Commerce with Generative AI" conference and student competition; the Executive-in-Residence appointment of Zack Kass; and expanded industry and alumni collaboration through externships and conferences. In November 2024 the school announced plans for a second major AI conference in 2025 sponsored by two leading technology companies.

The task force makes McIntire one of the few UVA units with a standing school-level AI body and a published planning document, a contrast with the personnel-based governance influence that characterizes most schools.

Central AI Governance Roles

Ryan Wright, listed on the school's AI at McIntire page as Professor of Commerce and Senior Associate Dean for Faculty and Research, co-directs AI Research@UVA with Henry Kautz (Engineering), serves as Special Advisor to the Provost for AI Research, and co-authors the AI Exchange @UVA newsletter. His own McIntire faculty page lists the Senior Associate Dean role among past positions, alongside Associate Dean for Strategic Initiatives. The co-directors report jointly to the Provost and the Vice President for Research with an advisory line to the President.

Dean Transition

Nicole Thorne Jenkins, dean since July 2020, stepped down June 30, 2025. Amanda Cowen became Interim John A. Griffin Dean on July 1, 2025 for a one-year term; UVA Magazine reported in September 2025 that the dean search would resume. Cowen sits on the LaCross AI Institute's UVA Advisory Board.

Policy Posture

No McIntire-specific AI use policy was identified. Faculty follow Provost-level guidance codified in Faculty Handbook Section 3.3.14, with individual authority over classroom AI rules.

5.2 People

Ryan Wright — Rolls-Royce Commonwealth Eminent Professor of Commerce; Senior Associate Dean for Faculty and Research per the school's AI at McIntire page, though his McIntire faculty page lists that deanship and Associate Dean for Strategic Initiatives among past roles. Co-Director of AI Research@UVA, Special Advisor to the Provost for AI Research, and co-author of the AI Exchange @UVA newsletter. His expertise spans cybersecurity and privacy, digital innovation and AI, and digital product management. In April 2026 Tom Tom Festival coverage he argued that "there is a window of two or three years when the AI rules we write, the AI education programs we fund and the AI investments we make will shape the next 20," and noted Virginia ranked fourth nationally for AI job postings in the prior year.

Amanda Cowen — Interim John A. Griffin Dean since July 1, 2025; Arthur B. and Claudia Cohen Bicentennial Eminent Professor of Commerce. A Management faculty member since 2007, she served as Associate Dean for Graduate Programs (2020–22) and Senior Associate Dean for Academic Programs (2022–25), overseeing the shift to the three-year undergraduate program and launching the General Business Minor. Member of the LaCross AI Institute's UVA Advisory Board. Doctorate and MBA from Harvard Business School.

Zack Kass — Executive-in-Residence (appointed for 2024); AI futurist and former Head of Go-to-Market at OpenAI. Member of the AI Advisory Task Force, keynote speaker at Fall Forum 2023 ("Towards AGI"), panelist and competition judge at the October 2024 "Future of Commerce with Generative AI" event, and developer of coursework on generative AI in early careers, including the Commerce Essentials micro-course concept.

Jingjing Li — Andersen Alumni Associate Professor of Commerce. 2026 LaCross FAIR fellow on "LLM-Enabled Abuse in Digital Advertising" with Tianhao Wang (Engineering) and Michael Albert

(Darden). Member of the 2024 Provost's Task Force on AI Research, a 2024–25 Faculty AI Guide, co-leader of the MBI Professional Series Upskilling Workshop, and presenter of the "Utilizing ChatGPT for Machine Learning Mastery" faculty workshop.

Dorothy Leidner — Leslie H. Goldberg Jefferson Scholars Foundation Distinguished Professor in Business Ethics, with more than 60 journal publications on the organizational and societal impact of technology and AI. Quoted during spring 2024 in the Financial Times on AI governance and trust, by CNN on AI essay grading, and by the AP on emotional attachment to chatbots. Panelist at Fall Forum 2023.

Steven L. Johnson — Associate Professor; recipient of a DCADS fellowship with Tom Hartvigsen (Data Science) and Maarten Sap (Carnegie Mellon) for research on implicit bias in large language models. Moderated the Fall Forum 2023 AI panel.

Sarah Lebovitz — Assistant Professor researching AI in recruiting with Mona Sloane (Data Science) and Roshni Raveendhran (Darden). Presented the "Trouble-Shooting and Customizing Content" session at the April 2024 faculty GenAI workshop and served as a Fall Forum 2023 panelist.

Stefano Grazioli — Professor; 2024–25 Faculty AI Guide; moderated the April 5, 2024 McIntire Faculty GenAI Workshop and co-leads the MBI Professional Series Upskilling Workshop.

Kiera Allison — Professor; 2024–25 Faculty AI Guide; presented "Better than AI: Student-AI Collaborations in Educational Writing" and teaches the Commerce Essentials "Communicating with GenAI" micro-course.

Roger Martin — Professor; 2024–25 Faculty AI Guide.

Reza Mousavi — Member of the UVA GenAI Taskforce and the GenAI Faculty Training Committee; presented the "Prompting Strategies" faculty workshop session.

Adam Kerpelman — Instructor of the Commerce Essentials GenAI micro-course available to all UVA students.

Chip Ransler — Professor; led the spring 2024 AI Hackathon (gHacks) at Google Public Sector and piloted the GenAI for the Common Good competition in May 2024.

Nikki Hastings — Biotechnology track director in the McIntire School of Commerce and executive director of CvilleBioHub. Spoke on AI at Darden's December 2025 conference and at the April 2026 Tom Tom Festival on biotech and regional innovation hubs.

Additional faculty engaged in the school's spring 2024 AI activity, per McIntire's semester roundup, include Bryan Lewis, Christi Lockwood, Peter Maillet, Robert Parham, Suprateek Sarker, and Yi Liang.

5.3 Teaching & Curriculum

Analytics & AI Track (B.S. in Commerce)

An optional 12-credit track open to all concentrations, covering data management, analysis, visualization, statistics, machine learning, and AI, with emphasis on advanced analytical techniques, data-driven decision-making, and emerging technologies. Undergraduate AI coursework includes

Ethical Application of Artificial Intelligence, Foundations of Machine Learning and AI with Python, and Foundations of Machine Learning and AI with Low-Code.

Graduate Programs

AI content runs through six graduate programs. The 10-month M.S. in Commerce, offered in Biotechnology, Business Analytics, Finance, and Marketing & Management tracks, embeds AI in at least three: the Biotechnology Track lists AI among its core translational-science topics alongside gene editing and precision medicine; the Business Analytics Track teaches students to deploy machine learning and AI to develop, personalize, and automate organizational products and processes, with a dedicated AI course covering successful development, deployment, and management of AI and other algorithmic approaches, societal impacts, ethics, limitations, and risk-benefit balance; and the Marketing & Management Track offers a "Managerial View of AI" elective. The M.S. in Global Commerce includes AI-focused business analytics. The M.S. in Accounting covers AI-enabled technology in its Tax Consulting and Financial Reporting tracks. The M.S. in the Management of IT and the MSBA (joint with Darden, marketed as "built for the age of artificial intelligence") complete the set.

Commerce Essentials Micro-Courses

Two self-paced online micro-courses are open beyond the school: the GenAI micro-course (Kerpelman), a half-credit introduction to generative AI technologies, business applications, AI models, legal and compliance considerations, and future trends, available to all UVA students; and Communicating with GenAI (Allison).

Faculty Development

The AI Guides Program launched in fall 2024 with Provost's Office support to prepare faculty to integrate AI into teaching and research; four McIntire faculty (Allison, Grazioli, Li, and Martin) served as 2024–25 Faculty AI Guides in the university program. The MBI Professional Series Upskilling Workshop, a two-day in-person executive education offering in Northern Virginia led by Li and Grazioli, extends the upskilling model to professionals.

5.4 Tools & Technology

AI at McIntire

The school maintains an explicitly named AI at McIntire initiative with a dedicated page in its website navigation, describing efforts across student programs, faculty research, industry engagement, and academic events, with named contacts for alumni, researchers, and organizations. The initiative is referenced on the Library's GenAI LibGuide.

No McIntire-specific AI tool deployments or procurement decisions were identified beyond the initiative and university-wide tools.

5.5 Research & Scholarship

Center for Business Analytics

McIntire's organizational hub for analytics, one of the school's seven research centers. CBA research areas include customer analytics, consumer behavior, platform and social media analytics, machine learning, deep learning, and AI, encompassing ML model development, representation engineering, and AI in financial sectors. The center hosts an annual Business Analytics Colloquium and offers executive education workshops.

Cross-School AI Research

Jingjing Li's 2026 LaCross FAIR fellowship connects McIntire to Engineering and Darden on LLM abuse in digital advertising. Steven Johnson's DCADS fellowship connects the school to Data Science and Carnegie Mellon on implicit bias in LLMs. Sarah Lebovitz's AI recruiting research spans Data Science and Darden. The UVAi Vanguard project, funded by a \$112,870 Jefferson Trust grant awarded in January 2024 and attributed by the Trust to the College of Arts & Sciences, connects McIntire faculty (Reza Mousavi, Jingjing Li) with Psychology faculty (Hudson Golino, Mariana Teles) on AI manipulation and misinformation-susceptibility research, including the Misinformation Susceptibility Test.

5.6 Events & Programming

Fall Forum 2023: "The AI Revolution"

Held October 20, 2023 at Old Cabell Hall, themed "The AI Revolution: Exploring Possibilities & Challenges." Zack Kass delivered the keynote "Towards AGI," followed by a panel with Kent Collier (McIntire '03, founder and CEO of Reorg), Lebovitz, and Leidner, moderated by Johnson.

"The Future of Commerce with Generative AI" (October 30, 2024)

The task force's signature event combined the finale of the GenAI for the Common Good student concept competition with an expert panel on AI breakthroughs in business. The competition, open to student teams across UVA, drew more than 60 proposals answering "How will you use GenAI to solve a pressing societal issue?"; three finalist teams pitched live, with mentoring from sponsors Capital One, Google, and WillowTree, and "Accelerating Asylum" won. Panelists included Kass, Margo Bulka (VP of Strategy, WillowTree), Sho Modica (Engineering '11, WillowTree), Barbara Rigatti (Google Cloud), and Virginia Sharma (McIntire '97, Google Public Sector).

Faculty and Professional Workshops

The McIntire Faculty GenAI Workshop "Stories from Our Classrooms" (April 5, 2024), moderated by Grazioli, featured classroom-practice presentations by Lebovitz, Mousavi, Allison, and Li. The CMIT Knowledge Continuum (May 10, 2024) featured Eric Siegel, founder of Machine Learning Week, on "The AI Playbook," and Christopher Porter (A&S '98), SVP and CISO of Fannie Mae, on generative AI from a risk executive's perspective. The spring 2024 gHacks AI Hackathon, led by Ransler at Google Public Sector during AI Week in Washington, D.C., focused student teams on Commonwealth wildfire and flooding challenges.

Tom Tom Festival 2026

Wright was a featured AI expert in UVA's April 2026 Tom Tom Festival coverage, and Hastings spoke on biotech and regional innovation hubs alongside UVA Chief Innovation Officer Paul Cherukuri. The festival's AI-and-workforce focus included a keynote by Senator Mark Warner.

AI Exchange @UVA Newsletter

Co-authored by Wright, the newsletter explores AI in teaching, research, personal productivity, and operations across Grounds. While created at McIntire, it functions as an institutional communication vehicle.

Gaps and Observations

The v1 finding that McIntire had no school-level AI governance structure was wrong. The AI Advisory Task Force, its whitepaper, the AI Guides Program, and the Executive-in-Residence appointment together constitute the most developed school-level AI apparatus at UVA outside Darden's institute, and they pre-date most of the university's central machinery. The whitepaper itself, however, is hosted on a Box share rather than a public web page, which limits its visibility as a governance document.

Two follow-through questions are open. The second major AI conference announced for 2025 with two technology-company sponsors has no publicly documented outcome in available sources. McIntire's representation in the 2025–26 Faculty AI Guides cohort is likewise not documented, after the school supplied four of the 2024–25 guides. The school's own description of its AI Guides Program as involving six faculty members does not match the four McIntire names in the university program's 2024–25 roster; both figures are reported as published.

The interim deanship adds a structural caveat: Cowen's term was announced as one year from July 2025, and the resumed dean search means the school's AI agenda, like Darden's, awaits a permanent leader.

Cross-References

- **Darden School of Business (Unit 4):** MSBA jointly offered; Jingjing Li is a 2026 FAIR fellow; Cowen sits on the LaCross advisory board; DCADS preceded FAIR; Hastings spoke at the December 2025 conference.
- **School of Engineering (Unit 2):** AI Research@UVA co-directorship pairs Wright with Kautz; Tianhao Wang co-leads Li's 2026 FAIR project.
- **School of Data Science (Unit 3):** Johnson's DCADS fellowship with Hartvigsen; Lebovitz's research with Sloane.
- **College of Arts & Sciences (Unit 1):** UVAi Vanguard connects McIntire (Mousavi, Li) and Psychology (Golino, Teles) faculty on AI manipulation and misinformation research.
- **Library (Unit 14):** AI at McIntire referenced on the GenAI LibGuide.
- **Provost's Office & CTE (Unit 17):** Wright's co-directorship, Special Advisor role, and the Provost-supported AI Guides Program.

- **Part I, Section I (Institutional AI Governance Architecture):** Wright's central roles; the task force as a school-level governance model.
- **Part I, Section III (Teaching & Learning Posture):** Commerce Essentials GenAI micro-course open to all UVA students.

Sources

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<https://www.commerce.virginia.edu/dean>

Cowen faculty profile

<https://www.commerce.virginia.edu/faculty/apr9v>

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Recap of "The Future of Commerce with Generative AI" documenting the competition results, finalists, sponsors, and panel

<https://experience.mcintire.virginia.edu/event-recap/the-future-of-commerce-with-generative-ai-expert-panel-student-concept-competition/>

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<https://events.mcintire.virginia.edu/event/the-future-of-commerce-with-generative-ai-an-expert-panel-discussion>

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McIntire spring 2024 AI roundup documenting faculty AI engagement, workshops, and Leidner's media commentary

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<https://www.commerce.virginia.edu/centers/cba>

CBA education and training page documenting executive education workshops and the colloquium

<https://www.commerce.virginia.edu/centers/cba/education-training>

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<https://www.commerce.virginia.edu/bs-commerce/academics/tracks>

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<https://www.commerce.virginia.edu/ms-commerce/academics/business-analytics>

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<https://www.commerce.virginia.edu/ms-commerce/academics>

M.S. in Commerce Biotechnology Track page listing AI among core translational-science topics

<https://www.commerce.virginia.edu/ms-commerce/academics/biotechnology>

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6.

Unit 6. School of Law

KEY SIGNALS

UVA Law has built the broadest AI curriculum of any UVA professional school outside Engineering and Data Science, with at least eight documented AI courses since 2024, including a joint LAW/CS course co-taught across schools and short courses led by Microsoft's deputy general counsel with guest appearances by the sitting FTC chairman. The LawTech Center, directed by MacArthur Fellow Danielle Citron with Elizabeth Rowe as co-director, anchors AI-related legal scholarship, and Citron's back-to-back #1 rankings among legal scholars in 2024 and 2025 give the school singular visibility in technology law. The April 2026 announcement of a donor-funded AI Deal Lab, built by George Geis with Dean Leslie Kendrick's backing, marks the school's first AI-native classroom infrastructure investment.

The School of Law offers the J.D., LL.M., and S.J.D. degrees under Dean Leslie Kendrick '06. Law operates its own Microsoft tenant, separate from UVA's central A5 academic license, with Copilot access through `computingid@lawschool.virginia.edu` credentials. The school's AI activity runs through faculty scholarship, a dense and growing course catalog, and the LawTech Center's programming, with practitioner ties to Microsoft, Apple, and the Federal Trade Commission flowing through its alumni network.

6.1 Governance & Policy

No Law-specific AI policy was identified. Faculty follow Provost-level guidance codified in Faculty Handbook Section 3.3.14, with individual authority over classroom AI rules. Rip Verkerke's fall 2024 AI syllabus statement, shared as a Faculty AI Guide exemplar through the Center for Teaching Excellence, remains the school's most visible individual contribution to UVA's teaching-governance infrastructure.

Dean Kendrick's most public AI commitment came through the April 2026 AI Deal Lab announcement, developed in discussions among Professor George Geis, Kendrick, and the Law School Foundation with support from an anonymous alumnus donor. Kendrick framed the lab as giving students "exposure to the cutting-edge of AI's possibilities" alongside hands-on deal practice.

6.2 People

Danielle K. Citron — Inaugural director of the LawTech Center; Jefferson Scholars Foundation Schenck Distinguished Professor of Law and Martha Lubin Karsh and Bruce A. Karsh Bicentennial Professor of Law, also identified in source material as Caddell and Chapman Professor of Law.

MacArthur Fellow (2019) and the #1-ranked scholar in the Top 100 Law Scholars rankings in both 2024 and 2025, the first woman to hold the top position. Serves on the Axon AI ethics advisory board and the Harvard-MIT AI Fund Principles Group, and advised the Biden White House Gender Policy Council. Her research spans privacy, deepfakes, and intimate privacy; forthcoming 2026 work includes "Digital Ethnonationalism" (University of Pennsylvania Law Review), "Selective Privacy as an Authoritarian Practice" (University of Chicago Legal Forum), "The Evolution of Trust and Safety" (Emory Law Journal), "Youth Privacy's Constitutional Reckoning" (Georgia Law Review), "Driving Data" (with Elizabeth Rowe), and "The Political Economy of Section 230" (with Ryan Calo and Ari Waldman).

Elizabeth A. Rowe — Co-director of the LawTech Center. A leading authority on trade secrets, author of the first major U.S. casebook on the subject and its Nutshell treatise, she has argued that biometric data such as faces and fingerprints should receive trade-secret-level protections. Organizer of the April 17, 2026 symposium on intellectual property rights in government contracting, convened around growing government dependence on private contractors for technology including national defense systems. Co-author with Citron of "Driving Data."

Leslie Kendrick — Dean of the Law School (J.D. '06). Backed the AI Deal Lab's creation with the Law School Foundation and a donor; her April 2026 statement on the lab is the dean's office's most visible public AI signal.

George Geis — Professor; creator of the AI Deal Lab. Plans to develop the lab with student research assistants over summer 2026, examining data sources, technology platforms, and "fact-rich simulations" of transactions, in a process he describes as running "analogous to a startup."

Thomas Nachbar — Co-teaches the joint LAW/CS Artificial Intelligence and Machine Learning course with David Evans (Computer Science). Affiliated with the Batten School's National Security Policy Center and Law's National Security Law Center; Judge Advocate in the U.S. Army Reserve. On the course's aim: "By the time we're done with the course, there are going to be new issues. And so hopefully they'll be ready to take on those new issues and think about them in a creative and rigorous way."

Tom Robertson — Lecturer (J.D. '88); Corporate Vice President and Deputy General Counsel at Microsoft, leading the Corporate, External and Legal Affairs team supporting the Experiences and Devices Group. Taught the Emerging AI Legal Issues short course in spring 2025, drawing alumni guest speakers including Andrew Ferguson '12, chairman of the Federal Trade Commission, Sean Cameron '06 of Apple, and Jane Horvath '91, Gibson Dunn partner and former Apple chief privacy officer.

Bertrall Ross — Co-director of the Karsh Center for Law and Democracy. Teaches Artificial Intelligence and Democracy, exploring generative AI for electoral engagement and AI threats to democratic governance; the course appears again in the fall 2026 catalog.

Ashley Deeks — Author of *The Double Black Box*, on national security AI and democratic accountability; Miller Center Senior Fellow.

Deborah Hellman — Identified by Citron among LawTech-affiliated faculty examining how algorithmic and machine learning technologies affect civil rights and discrimination law.

Megan Stevenson — Identified by Citron among faculty applying empirical methods to algorithmic technologies, with a focus on criminal justice.

Mike Livermore — Identified as a UVA Law AI expert in the school's admissions programming; has argued AI could elevate the standing of attorneys rather than displace them.

Lawrence Solum — Wrote on AI legal personhood beginning in the 1990s; quoted publicly on AI hallucinations and limitations.

Rip Verkerke — Contributed the fall 2024 AI syllabus statement shared as a Faculty AI Guide exemplar through CTE.

Margaret Foster Riley — Holds joint Batten/Law/Medicine appointments with a focus on biomedical AI ethics; covered primarily under the Batten School (Unit 10).

6.3 Teaching & Curriculum

AI Course Offerings

Law's documented AI catalog has grown from five courses in earlier research to at least eight across the 2024–2026 academic years.

Artificial Intelligence and Machine Learning (LAW 7127 / CS 4501) — the joint course co-taught by Nachbar and Evans, meeting Fridays in Slaughter Hall with a public course site. Students develop a basic understanding of the computer science underlying AI and ML, then work through discrimination and fairness in computing systems, explainability and interpretability, and the design of computing systems to satisfy legal requirements.

Law and Artificial Intelligence — covering algorithmic bias, AI and privacy, tort liability for self-driving cars, autonomous weapon systems and the laws of war, and legal personhood for AI.

Emerging AI Legal Issues (SC) — Robertson's spring 2025 short course on AI governance, safety, intellectual property protection, privacy, and regulated industries, spanning U.S. state and federal approaches, European and Asian jurisdictions, and international frameworks.

The Evolving AI Governance Landscape (SC) — a fall 2025 short course examining governance theories and models at the international, regional, national, and state levels, framing the debate as ranging from "accelerationists" who want few controls to advocates of a development pause.

AI and IP — taught by John Duffy in spring 2025, examining how AI affects intellectual property law.

Artificial Intelligence and Democracy — Ross's course, listed again for fall 2026 as LAW 9004.

Law of Artificial Intelligence (SC) — the 2023–24 short course introducing AI law topics.

Advanced LawTech (LAW 9030) — a fall 2026 catalog listing; instructor and description are not yet publicly documented.

AI Deal Lab

Announced April 2026, the AI Deal Lab will combine AI tooling with simulated transactional practice. Geis and student research assistants will spend summer 2026 evaluating data sources and technology platforms and building fact-rich deal simulations, from complex business combinations down, with the lab intended as a new classroom experience funded by an anonymous alumnus gift arranged through the Law School Foundation.

6.4 Tools & Technology

Law operates a separate Microsoft tenant from UVA's central system, with Copilot access through Law-specific credentials. The AI Deal Lab's platform evaluation, underway in summer 2026, is the school's first publicly documented AI tool-selection process beyond the tenant arrangement. No other Law-specific AI deployments or procurement decisions were identified.

6.5 Research & Scholarship

LawTech Center

Directed by Citron with Rowe as co-director, the LawTech Center is the institutional home for the school's technology scholarship. Affiliated faculty use computational tools, including AI and natural language processing, to reveal insights about laws and how lawyers, jurists, and the public interact with them; others apply empirical methods to criminal justice reform and comparative constitutional analysis. The center's research agenda addresses how technology affects law practice, judicial decision-making, and policymaking.

National Security AI

Deeks's *The Double Black Box* examines the compounding opacity of classified intelligence systems and AI algorithms and what it means for democratic accountability. Nachbar's national-security affiliations connect the school's AI work to the Batten School's National Security Policy Center.

Democracy and Algorithmic Governance

Ross's work at the Karsh Center for Law and Democracy examines AI's role in electoral processes and democratic governance. Hellman's scholarship addresses algorithmic discrimination and fairness; Stevenson's empirical work addresses algorithmic tools in criminal justice.

6.6 Events & Programming

LawTech Center Events

Documented programming includes a panel on *The Double Black Box*; a book event for Jonathon Penney's *Chilling Effects* (Penney holds the York Research Chair in AI, Data Governance and the Law); a talk by Kashmir Hill on her facial-recognition book *Your Face Belongs to Us*, moderated by Citron; a talk by Ari Waldman challenging the "over-prioritization of technology expertise in technology policymaking," introduced and moderated by Citron; and the April 17, 2026 symposium on intellectual property rights in government contracting organized by Rowe.

Cross-School Programming

The UVA NLP group hosted an LLM Workshop with a keynote by Noah A. Smith (University of Washington), an instance of the CS/Law/Data Science intersection in which Law faculty participate.

Gaps and Observations

Law's AI curricular growth is the unit's defining v2 finding: the catalog has expanded from five to at least eight documented courses in two years, and the new offerings lean heavily on practitioner instruction, with Microsoft's deputy general counsel teaching governance and the FTC chairman appearing as a guest. That alumni-practitioner pipeline is a structural asset no other UVA school replicates in the AI domain.

The AI Deal Lab is the school's first AI infrastructure investment, but it remains pre-launch: platform selection, simulation development, and course integration are all scheduled for summer 2026 and beyond, with no published budget, timeline, or named donor.

The governance picture is unchanged. No Law-specific AI policy exists, and the school's internal norms around AI in legal writing, exam preparation, and clinical work remain publicly undocumented even as the curriculum embraces the technology. The LawTech Center's public documentation still emphasizes events and faculty interests over funded research programs, and no external AI-specific research funding for the center was identified.

Cross-References

- **School of Engineering (Unit 2):** Joint LAW/CS course co-taught by Nachbar and Evans.
- **Batten School (Unit 10):** Nachbar's National Security Policy Center affiliation; Riley's joint appointment; Ross's Karsh Center connects to democracy programming.
- **Provost's Office & CTE (Unit 17):** Verkerke's syllabus statement shared as a Faculty AI Guide exemplar.
- **Part I, Section III (Teaching & Learning Posture):** Law's eight AI courses and the AI Deal Lab represent the deepest professional-school AI curricular investment at UVA.
- **Part I, Section IV (Tool Ecosystem):** Law operates a separate Microsoft tenant for Copilot access.
- **Part I, Section IX (Public Statements & Executive Signaling):** Kendrick's AI Deal Lab statement; FTC chairman Ferguson's guest appearance.

Sources

LawTech Center page documenting Citron's directorship, affiliated-faculty computational research, the Waldman talk, and the April 2026 Rowe symposium

<https://www.law.virginia.edu/academics/program/lawtech-center>

UVA Law announcement of the AI Deal Lab documenting Geis's design, Kendrick's role, and the donor gift

<https://www.law.virginia.edu/news/202604/ai-deal-lab-coming-soon-uva-law>

UVA Law article on new spring 2025 AI classes documenting Robertson's course, Ferguson's guest appearance, Duffy's AI and IP course, and Nachbar's teaching aims

<https://www.law.virginia.edu/news/202503/new-classes-explore-promise-and-predicaments-artificial-intelligence>

UVA Law article on new spring 2025 courses documenting Robertson's Microsoft role and the Emerging AI Legal Issues course scope

<https://www.law.virginia.edu/news/202501/new-courses-spring-confront-diverse-challenges-legal-fields>

Emerging AI Legal Issues (SC) course listing

<https://www.law.virginia.edu/courses/emerging-ai-legal-issues-sc-125218764>

The Evolving AI Governance Landscape (SC) course listing documenting the fall 2025 offering and governance-spectrum framing

<https://www.law.virginia.edu/courses/evolving-ai-governance-landscape-sc-125820636>

Artificial Intelligence and Machine Learning joint LAW/CS course listing

<https://www.law.virginia.edu/courses/artificial-intelligence-and-machine-learning-125218846>

Joint LAW/CS AI course public site documenting course numbers, instructors, meeting details, and content

<https://uvalawai.github.io/>

Law and Artificial Intelligence course listing

<https://www.law.virginia.edu/courses/law-and-artificial-intelligence-124820848>

Law of Artificial Intelligence (SC) short course listing

<https://www.law.virginia.edu/courses/law-artificial-intelligence-sc-124110026>

Artificial Intelligence and Democracy course listing

<https://www.law.virginia.edu/courses/artificial-intelligence-and-democracy-124820579>

Center on Intellectual Property Law page documenting the AI course-year matrix and Rowe's biometric trade-secrets argument

<https://www.law.virginia.edu/academics/program/center-intellectual-property-law>

Fall 2026 Law course catalog listing Advanced LawTech (LAW 9030) and Artificial Intelligence and Democracy (LAW 9004)

<https://www.coursicle.com/virginia/courses/LAW/>

UVA Law admitted-students video in which Citron describes the LawTech Center, her inaugural directorship, and the algorithmic-impact work of Hellman and Stevenson

<https://www.law.virginia.edu/news/video-audio/202304/law-and-technology-uva>

UVA LLM Workshop keynotes page documenting the Noah A. Smith keynote

<https://uvanlp.org/uva-llm-workshop/keynotes.html>

UVA Advancement Hub page documenting Law's separate Microsoft tenant for Copilot access

<https://hub.advancement.virginia.edu/subpage/uva-copilot>

UVA Faculty AI Guide exemplar syllabus statements including Verkerke's fall 2024 contribution

<https://teaching.virginia.edu/resources/example-ai-syllabus-statements-from-uva-faculty-ai-guides>

7.

Unit 7. School of Medicine & UVA Health

KEY SIGNALS

The School of Medicine and UVA Health operate a bifurcated AI ecosystem in which the MD Program's November 2023 GenAI policy governs educational use while UVA Health runs a mature clinical AI infrastructure — HeRO (FDA-approved 2003), HeRO NOWS (FDA Breakthrough Device Designation July 2024), CoMET, RAMP, and Nikolay Dokholyan's YuelDesign drug-discovery suite — anchored by the Center for Advanced Medical Analytics (CAMA, founded 2016 by Randall Moorman, now directed by Brynne Sullivan) and governed operationally through Glenn Wasson's AI Vendor Evaluation Framework. Leadership turnover was heavy in 2025–26: Dean Melina Kibbe resigned September 3, 2025 with Colin Derdeyn stepping in as Interim Dean; Robin Parkin retired as CITO January 30, 2026, with Sonney Sapra arriving four days earlier. The January 22, 2026 launch of the Data, AI, and Health Collaboratory (DAHC) placed the School and UVA Health inside UVA's broadest cross-school AI coordination arrangement to date.

The School of Medicine offers MD, PhD, and combined-degree programs. UVA Health is the academic medical center and health system, with UVA Medical Center as its flagship hospital, UVA Physicians Group (UPG) as its faculty practice plan, and UVA Community Health serving Culpeper and Northern Virginia. Interim Dean Colin P. Derdeyn, MD, has served since September 2025 as Interim Dean of the School of Medicine and Chief Health Affairs Officer. Mitchell H. Rosner, MD, MACP, FRCP serves as Interim EVP for Health Affairs. Clinical AI deployments, data-driven research, and educational policy overlap substantially between the two, and the AI work here is bifurcated by design: the MD Program's GenAI policy governs educational use while UVA Health's data-science and analytics leadership runs the clinical AI stack, vendor evaluation, and predictive-analytics platforms.

<https://med.virginia.edu/about-uva-som/som-leadership/>

<https://med.virginia.edu/about-uva-som/about-the-dean/>

<https://www.uvahealth.com/about/leadership>

7.1 Governance & Policy

MD Program Policy on Generative AI (November 2023)

The School of Medicine's Generative AI Advisory Team developed the MD Program Policy on Generative AI, which the Medical Education Management Committee approved in November 2023. The policy positions AI as a tool, resource, or consultant rather than a replacement for students' own

knowledge synthesis. AI-generated clinical documentation is prohibited outside EHR-supported ambient tools; Dax CoPilot is the only tool explicitly approved for patient-care documentation. Students may not paste proprietary or UVA-copyrighted course materials into non-UVA-protected AI systems. Scholarly work must adhere to journal AI-disclosure policies. All use is subject to the SOM Code of Conduct and the University Honor Code. Acceptable-use examples are specified: generating differential diagnoses from classroom cases, exam preparation using ChatGPT with publicly available resources, and concept mapping with NotebookLM. Named tools include ChatGPT, Copilot, Gemini, Claude, DeepSeek, and DALL-E. The policy predates the UVA Faculty Handbook Section 3.3.14 on AI in teaching and learning and stands as one of only three school- or unit-level AI policies at UVA, alongside the School of Data Science policy (October 2024) and the UVA Wise policy (Spring 2024).

<https://med.virginia.edu/policies/uva-school-of-medicine-som-md-program-policy-on-generative-ai/>

SOM Generative AI Statement on Class Slides

A default policy governs AI use in instructional materials distributed in SOM classes. The statement operates as a faculty-facing default rule that frames how AI-generated content can and cannot appear in lectures and course resources. The statement is not public-facing but is referenced in the MD Program policy architecture.

UVA Health AI Vendor Evaluation Framework

Glenn Wasson, PhD, Administrator of Analytics at UVA Health, developed and presented the AI Vendor Evaluation Framework at HIMSS25 in a session titled "Dear AI Vendors: This Is What We Need." The framework categorizes AI tools across four risk levels with a grading system built on transparency, accountability, and explainability. The framework exists to prevent siloed AI deployments across UVA Health and to produce a consistent procurement-review standard for clinical AI products. It functions as a health-system-tier procurement governance instrument separate from the ITS-managed enterprise tool governance that applies to the rest of the University.

<https://www.healthcareitnews.com/news/how-properly-evaluate-ai-technologies-uva-health-analytics-leader-has-answers>

Exemption from the Faculty AI Guides Program

The Faculty AI Guides Program, a joint initiative of the EVP/Provost and the Center for Teaching Excellence, provides \$5,000 one-year appointments for training and departmental consultation. The School of Medicine is the only UVA school categorically excluded from the Faculty AI Guides Program, reflecting the MD Program's separate governance structure and the school's distinct educational operating model.

Relationship to Broader UVA AI Policy

The MD Program policy operates alongside IRM-002 (Acceptable Use of IT Resources), which applies to the Medical Center as well as the Academic Division, and the VP for Research Reminder on Research Integrity and Use of AI. UVA Health operates a separate Microsoft tenant with distinct

access credentials from the central UVA tenant, a structural choice that shapes Copilot deployment, data-classification enforcement, and AI license administration. DeepSeek and CapCut are prohibited on UVA devices and networks under IRM-002 and corresponding executive orders.

SOM Med AI Public Inventory

The School of Medicine maintains a public-facing Med AI page presenting itself as having advanced AI in healthcare since the early 2000s, from sepsis detection in premature infants to personalized disease management, with innovations described as in active use in hospitals across the United States and 27 countries. The page frames the School's distinguishing emphasis as clinical implementation rather than algorithm development: embedding tools into hospital workflows, partnering with frontline clinicians, and evaluating impact on patient safety and outcomes. It functions as the School's own organized inventory of named AI programs across diabetes technology, cardiac risk prediction, respiratory monitoring, and related domains.

<https://med.virginia.edu/research/med-ai/>

Generative AI Advisory Team

The Generative AI Advisory Team developed the MD Program Policy on Generative AI. The team's composition, meeting cadence, and charter beyond the 2023 policy approval have not been publicly documented. Whether the team remains active to advise on new tools, revise policy, or evaluate pilots is not established from available sources.

7.2 People

School and Health System Leadership

Colin P. Derdeyn, MD ('88) — Interim Dean, UVA School of Medicine (effective September 3, 2025), and the Keats Professor and Chair of Radiology. An Echols Scholar and UVA School of Medicine graduate, Derdeyn joined UVA in 2024 after nine years at the University of Iowa as Krabbenhoft Professor and Chair of Radiology. He holds more than 20 patents for medical devices and is a multiple PI on the NIH-funded StrokeNet Endovascular Thrombectomy Platform trial. Howard Goodkin, MD, former Chair of Neurology, serves as Derdeyn's senior advisor for a six-month period.

<https://med.virginia.edu/about-uva-som/about-the-dean/>

<https://news.med.virginia.edu/featured/colin-derdeyn-md-named-interim-dean-of-uva-school-of-medicine/>

Mitchell H. Rosner, MD, MACP, FRCP — Interim EVP for Health Affairs; Henry B. Mulholland Professor of Medicine.

<https://www.uvamedalum.org/colin-derdeyn-md-appointed-interim-dean/>

Melina R. Kibbe, MD — Dean from September 2021 through September 3, 2025 (17th Dean; James Carroll Flippin Professor of Medical Science; Editor-in-Chief of *JAMA Surgery*). Kibbe was one of two targets of a February 2025 letter of no confidence signed by 128 School of Medicine faculty and

UVA Medical Center physicians; she resigned to become sole finalist for the presidency at the University of Texas Health Science Center at Houston.

https://dailyprogress.com/news/local/education/higher-education/uva/article_c5c5c705-bab3-476d-8d2a-1253a59ed81c.html

Sonney Sapra, MBA — Chief Information and Technology Officer, UVA Health (effective January 26, 2026). Previously SVP and Chief Digital and Information Officer at Samaritan Health Services and Health Plan in Oregon; previously SVP and CIO at University of Louisville Health (2018–2021) and CIO at Oregon Health Sciences University – Hillsboro Medical Center (2010–2017). Named to Becker's Hospital Review's Chief Information Officers to Know list in 2024 and 2025.

<https://www.uvahealth.com/news/information-technology-leader-named-uva-health-s-chief-information-officer>

<https://www.uvahealth.com/about/leadership/information-technology-chief>

Robin Perry Parkin (CPHIMS, CHCIO) — UVA Health's CITO from 2021 through her retirement January 30, 2026. Parkin joined UVA Health in 2015 and implemented Epic revenue-cycle applications along with specialty clinical applications across the health system. She remains on UVA's IT Governance VoIP Advisory Committee roster as a historical matter.

<https://cio.virginia.edu/it-governance>

J. Scott Just, MD (MBA '14) — CEO, UVA Physicians Group (UPG), since 2023. Previously President of Augusta Medical Group and Vice President of Augusta Health. Oversaw the deployment of Dax CoPilot to 600 UVA Physicians Group clinicians, as described at the April 2025 AI in Health Care Symposium.

<https://datascience.virginia.edu/news/symposium-explores-opportunities-challenges-ai-health-care>

Meg Keeley, MD ('92) — Senior Associate Dean for Education, UVA School of Medicine. Keeley was a named speaker at the April 2025 AI in Health Care Symposium, where she described AI applications in medical education at UVA including AI patient actors for communication-skills training, AI-graded student notes and assignments, and a dashboard-based "precision medical education" model for individually tailored remediation.

CAMA Leadership

J. Randall Moorman, MD — Emeritus Professor of Medicine; Founding Director of CAMA; inventor of the HeRO (Heart Rate Observation) score and the CoMET continuous-monitoring system; co-founder and former Chief Medical Officer of Advanced Medical Predictive Devices, Diagnostics and Displays (AMP3D), which was acquired by Nihon Kohden Digital Health Solutions in 2021 and to whom Moorman consults. A cardiologist with a PhD in mathematics, Moorman completed undergraduate and medical training at the University of Mississippi, clinical training at Duke, and basic-science research training in membrane biophysics at Baylor. He was Principal Investigator of the 3,003-infant HeRO randomized trial. With JS Richman, he developed sample entropy, a measure of non-linear dynamics in heart-rate data. Moorman retired from the School of

Medicine; CAMA operations now reside in the Department of Pediatrics while cross-school collaboration continues across Medicine, Data Science, Nursing, Engineering, and Education.

<https://news.med.virginia.edu/research/uvas-center-for-advanced-medical-analytics-explores-cutting-edge-applications-of-ai-in-medicine/>

Brynne Sullivan, MD, MSc — Director, Center for Advanced Medical Analytics (appointed Fall 2024); Randall and Liza Moorman Associate Professor of Advanced Medical Analytics; Associate Professor of Pediatrics (Neonatology); NIH-funded physician-scientist. Sullivan treats patients in UVA Health Children's Level IV NICU and spends most of her time on predictive-analytics research. She presented "Turning Data into Clinical Insights" at the Frontiers in Clinical AI Symposium in 2025.

<https://med.virginia.edu/advanced-medical-analytics/our-people/>

<https://www.uvahealth.com/healthy-practice/clinical-applications-of-ai>

Douglas E. Lake, PhD — CAMA Scientific Director; Professor of Medicine and Statistics. Lake received his BS in Applied Mathematics (1982) and PhD in Mathematics (1991) from UVA. He has worked with Moorman since 1999 on HeRO, its supporting heart-rate-characteristics algorithms, and the POWS (pulse-oximetry warning score) system. He is co-PI of UVA's role in the NIH-funded Pre-Vent U01 on ventilatory control in premature infants and developed the coefficient of sample entropy for atrial-fibrillation detection.

<https://med.virginia.edu/advanced-medical-analytics/our-people/douglas-e-lake/>

Jessica Keim-Malpass, PhD, PNP — CAMA Deputy Director; Associate Professor, Nursing and Pediatrics. Led the randomized controlled trial of CoMET in non-ICU hospital units. Frederick Thomas bequest (\$600,000) funded the RCT. Keim-Malpass's cross-appointment anchors CAMA's nursing-facing research.

Karen Fairchild, MD — Professor of Pediatrics (Neonatology); longstanding HeRO investigator at UVA's Neonatal ICU.

Shri Gadrey, MD, and William "Will" Ashe, PhD — CAMA investigators who developed the Analysis of Respiratory Kinematics (ARK) wireless device for measuring breathing motion.

SOM AI Research Faculty

Nikolay V. Dokholyan, PhD — Professor of Neurology; developer of the YuelDesign, YuelPocket, and YuelBond AI-powered drug-discovery suite. Research team: Wang, Dong Yan Zhang, and Shreshty Budakoti. Publications in PNAS, JCI, and Science Advances. Funding: NIH grant 1R35 GM134864; NSF grant 2210963; the Huck Institutes of the Life Sciences; and the Passan Foundation. Dokholyan has stated a goal to "democratize" drug discovery and cites neurodegeneration (Alzheimer's disease, Parkinson's, ALS) as his primary research priority.

<https://news.med.virginia.edu/research/new-ai-approach-to-speed-drug-development/>

<https://www.uvahealth.com/news/new-ai-tech-to-speed-drug-development>

David Schiff, MD — Departments of Neurology, Neurosurgery, and Medicine; Co-Director, UVA Health Neuro-Oncology Center. Collaborator on Kundu's glioblastoma AI imaging project. Schiff has

described the project's goal as enabling "earlier treatment modifications for tumor recurrence in brain cancer patients."

<https://news.med.virginia.edu/research/uva-aims-to-improve-brain-cancer-care-using-ai/>

Bijoy Kundu, PhD — UVA Cancer Center; Department of Radiology and Medical Imaging; Department of Biomedical Engineering (joint with Engineering). Leads the glioblastoma AI imaging project combining dynamic FDG PET with MRI. Publications in *Journal of Nuclear Medicine*, *Annals of Clinical and Translational Neurology*, *Nature Biomedical Engineering*, and others. Biomedical Engineering is a joint program of the School of Medicine and the School of Engineering and Applied Science; Kundu's primary Engineering appointment places him under Unit 02 for attribution but his SOM cross-appointments and Radiology affiliation are material to this dossier.

<https://med.virginia.edu/radiology-research/bijoy-kundu/>

Jonathan Michel, PhD — Director of Data Science, UVA Health; member of the Provost's Task Force on AI Research (2024 report). CMS AI Health Outcomes Challenge team (2020).

Valentina Baljak, PhD — Senior Data Scientist, UVA Health. Presented RAMP at HIMSS25 in March 2025. CMS AI Health Outcomes Challenge team (2020).

Glenn Wasson, PhD (Computer Science) — Administrator of Analytics, UVA Health. Developer of the AI Vendor Evaluation Framework. Presented multiple HIMSS25 sessions in March 2025. CMS AI Health Outcomes Challenge team (2020).

Josephine Lamp — Department of Computer Science (joint Engineering/SOM research affiliations); lead developer of the CARNA machine-learning heart-failure risk-assessment tool. Lamp is primary author on the CARNA paper in the *American Heart Journal* (2024).

Sula Mazimba, MD — Heart-failure specialist; CARNA senior author.

Kenneth Bilchick, MD — Cardiologist, UVA Health; CARNA co-author. Bilchick described the project as an example of how "multidisciplinary biomedical research that integrates talented computer scientists like Josephine Lamp with experts in clinical medicine will be critical to helping our patients benefit from AI."

<https://news.med.virginia.edu/research/new-artificial-intelligence-risk-assessment-tool-to-improve-heart-failure-care/>

David Penberthy, MD — Associate Professor, Radiation Oncology. AI applications for breast-cancer survivorship research.

K. (Kim) Penberthy, PhD — Professor of Psychiatry and Neurobehavioral Sciences. AI applications in cancer-care collaboration.

<https://www.29news.com/2025/08/21/uva-doctors-consider-benefits-ai-health-outcomes/>

Andrew Taylor, MD — Vice Chair of Research and Innovation, Department of Emergency Medicine. Named spokesperson for DAHC at launch; positioned emergency medicine as a clinical-evaluation site for "silent-mode pilots" of AI tools.

Margaret Foster Riley, JD — Joint Batten/Law/Medicine (secondary appointment in Public Health Sciences). Biomedical AI ethics. Batten-primary attribution for the inventory, cross-referenced here.

7.3 Teaching & Curriculum

MD Program Framing

AI integration in medical education operates through the November 2023 GenAI policy. The policy's acceptable-use examples position AI as a study and clinical-reasoning tool rather than an embedded curriculum requirement: differential-diagnosis generation from classroom cases, exam preparation using public resources, and NotebookLM-based concept mapping are sanctioned; AI-generated clinical documentation outside Dax CoPilot is not. AI is integrated into clinical-reasoning exercises in the foundational curriculum.

Precision Medical Education and AI-Assisted Training

At the April 2025 AI in Health Care Symposium, Senior Associate Dean for Education Meg Keeley described specific AI applications in use at the UVA School of Medicine: AI patient actors for physician communication-skills training; AI-assisted grading of student notes and assignments; and a "precision medical education" dashboard that identifies trends among students and produces individually tailored remediation plans. Keeley stated that medical students now learn prompt generation "as a foundational clinical skill," framing AI as a consulting tool in diagnostic reasoning while emphasizing physician responsibility for the veracity of information.

<https://datascience.virginia.edu/news/symposium-explores-opportunities-challenges-ai-health-care>

SOM Graduate, Residency, and CME Coverage

No AI-specific courses offered through the School of Medicine were identified in available sources. Whether similar AI policies apply to SOM graduate programs, residencies, or continuing medical education (beyond the MD Program) is not publicly documented. Clinical AI training occurs informally through UVA Health's operational deployment of tools like Dax CoPilot (600 clinicians as of April 2025) and CoMET rather than through formal coursework.

Claude Moore Health Sciences Library AI @ HSL Guide

The Claude Moore Health Sciences Library maintains a standalone "AI @ HSL" guide that links to AI@UVA resources, institutional policies, generative-AI tools, and tools for teaching and research. The guide functions as a medicine-facing discovery layer over UVA's broader AI policy stack and is the only school-specific AI LibGuide at UVA.

https://guides.hsl.virginia.edu/ai/ai_uva

7.4 Tools & Technology

HeRO and HeRO NOWS

HeRO (Heart Rate Observation) is the original UVA predictive-analytics monitor for neonatal sepsis in preterm infants. HeRO received FDA approval in 2003. In the largest randomized clinical trial of very-low-birth-weight preterm infants (3,003 patients at 9 NICUs), HeRO display reduced

sepsis-associated mortality by approximately 40%. HeRO is now in use in 27 countries. Commercial development is through Medical Predictive Science Corporation (MPSC). HeRO is the first AI-based early-warning system for neonatal sepsis prediction.

HeRO NOWS is the successor device targeting Neonatal Opioid Withdrawal Syndrome (NOWS, also known as Neonatal Abstinence Syndrome). The project received FDA Breakthrough Device Designation in July 2024, supported by NIH HEAL R18 grant R18 EB035019 (\$3.1 million, awarded Fall 2023). The device uses routine pulse-oximetry and heart-rate variability data to identify autonomic hyperexcitability patterns caused by opioid withdrawal. Research partners: UVA Children's, Washington University in St. Louis, University of Alabama at Birmingham, and MPSC. HeRO NOWS is intended to replace subjective scoring systems (the Finnegan Neonatal Abstinence Scoring System and Eat, Sleep, Console) that produce significant diagnostic and treatment variability.

<https://news.med.virginia.edu/research/uva-study-achieves-fda-breakthrough-device-status-for-novel-technology-predicting-neonatal-opioid-withdrawal-syndrome/>

<https://www.heroscore.com/hero-nows-awarded-fda-breakthrough-device-status/>

CoMET (Continuous Monitoring of Event Trajectories)

CoMET is Moorman's continuous-monitoring software. The system draws data every two seconds and updates models every 15 minutes, producing a visual comet-like display of patient risk over a 12-hour window for serious events. CoMET was deployed on COVID units during the pandemic. A pragmatic, prospective randomized controlled trial of CoMET in non-ICU medical-cardiology, medical-surgical, and solid-organ transplant units was conducted under UVA IRB #22196 (ClinicalTrials.gov NCT04359641). Jessica Keim-Malpass (CAMA Deputy Director) published on CoMET's utility for nurses in the *International Journal of Nursing Studies Advances*. Jamie Bourque (Cardiovascular Medicine) and Keim-Malpass are conducting the RCT. A \$600,000 bequest from Frederick Thomas funded the trial. CoMET is licensed through UVA LVG to AMP3D (acquired by Nihon Kohden Digital Health Solutions in 2021).

<https://newsroom.uvahealth.com/2021/01/25/uva-artificial-intelligence-watching-covid-patients/>

RAMP (Real-time Analytics Monitoring Platform)

RAMP is UVA Health's homegrown clinical decision-support platform. The system integrates actionable, verifiable, and explainable ML into clinical workflows and underpins real-time predictive analytics across the health system. Baljak, Wasson, and the Analytics team developed RAMP over multiple years; Baljak described it at HIMSS25 as a mature predictive-analytics capability rather than a one-off project.

<https://www.healthcareitnews.com/news/uva-health-ramps-ai-and-real-time-analytics>

Dax CoPilot

The Microsoft Dax CoPilot ambient clinical-documentation tool is the only AI tool explicitly approved under the November 2023 SOM MD Program Policy for patient-care documentation. As of April 2025, UVA Physicians Group had deployed Dax CoPilot to 600 clinicians across the health

system. UPG CEO J. Scott Just, MD (MBA '14) has described the deployment as extending careers and improving patient experience by removing documentation burden.

<https://datascience.virginia.edu/news/symposium-explores-opportunities-challenges-ai-health-care>

YuelDesign, YuelPocket, and YuelBond

Dokholyan's AI-powered drug-discovery suite uses diffusion models to design drug molecules from scratch across the full chemical space, while accounting for induced-fit protein flexibility. YuelDesign generates candidate molecules; YuelPocket identifies protein binding sites; YuelBond validates chemical-bond accuracy. In demonstration against CDK2 (a well-known cancer-related protein), YuelDesign captured structural changes at binding that rigid-protein competitors missed. Tools are freely available to the scientific community. Manning Institute of Biotechnology is a principal institutional tie. Underlying research was published in PNAS, JCI, and Science Advances, with funding from NIH 1R35 GM134864, NSF 2210963, the Huck Institutes of the Life Sciences, and the Passan Foundation.

<https://news.med.virginia.edu/research/new-ai-approach-to-speed-drug-development/>

<https://www.uvahealth.com/news/new-ai-tech-to-speed-drug-development>

CARNA

CARNA (Characterizing Advanced heart failure Risk and hemodyNAMic phenotypes) is an interpretable machine-learning tool for heart-failure risk stratification. Published in the *American Heart Journal* (2024; DOI 10.1016/j.ahj.2024.02.001) with Lamp as first author and Mazimba as senior author. The team includes Bilchick, Lu Feng (Engineering), and cross-site collaborators at Indiana University, University of Washington, and William Beaumont Oakland University. CARNA uses learned multi-valued decision diagrams to integrate invasive hemodynamics and handle missing data. The project originated as a winning submission to the NHLBI Big Data Analysis Challenge: Creating New Paradigms for Heart Failure Research and is supported by NSF Graduate Research Fellowship grant 842490 and NHLBI grants R56HL159216, K01HL142848, and L30HL148881. Open-source code is available at github.com/jozieLamp/CARNA.

<https://newsroom.uvahealth.com/2024/04/15/artificial-intelligence-tool-to-improve-heart-failure-care/>

<https://news.med.virginia.edu/research/new-artificial-intelligence-risk-assessment-tool-to-improve-heart-failure-care/>

POWS and ARK

The pulse-oximetry warning score (POWS) is a CAMA project predicting sepsis using heart-rate and respiratory-pattern features; Lake is lead data scientist. The Analysis of Respiratory Kinematics (ARK) wireless device, developed by Gadrey and Ashe, measures breathing motion; initially developed for adults in UVA's exercise physiology lab, it is now under testing in hospitalized adults, emergency-medicine patients, children with asthma, and NICU infants.

CAMA Open-Source Infrastructure

CAMA maintains a GitHub organization (UVA-CAMA) with public repositories including hospital-entropy, FAIRStream (multi-variate time-series AI pipeline following FAIR principles), UniversalFileConverter, BatchAlgorithmProcessor, NICUHDF5Viewer, and AutoSTPtoHDF5Converter. The center also maintains datasets on UVA Dataverse. The open-source posture positions CAMA as an academic center that contributes infrastructure code rather than a closed industrial analytics shop.

<https://github.com/UVA-CAMA>

<https://med.virginia.edu/advanced-medical-analytics/resources/>

AI Vendor Evaluation Framework

See 7.1. The framework applies to UVA Health AI procurement across the enterprise.

UVA Health Separate Microsoft Tenant

UVA Health operates a separate Microsoft tenant from the central UVA Academic Division tenant. This structural choice shapes Dax CoPilot deployment, data-classification enforcement for Copilot, and AI license administration. The tenant separation is one of the mechanical reasons that UVA Health's AI ecosystem operates distinctly from the central ITS-managed AI stack.

7.5 Research & Scholarship

Center for Advanced Medical Analytics (CAMA)

CAMA was established in 2016 by Randall Moorman, modeled after a National Science Foundation scientific center, to fuel collaboration and accelerate the clinical translation of data-driven technologies. CAMA draws researchers from at least five School of Medicine departments along with collaborators from Data Science, Nursing, Engineering, and Education. Since 2024, core staff reside in the Department of Pediatrics, with Sullivan as Director, Lake as Scientific Director, and Keim-Malpass as Deputy Director. CAMA is supported by NIH, industry partners, and philanthropy.

<https://med.virginia.edu/advanced-medical-analytics/>

<https://news.med.virginia.edu/research/uvas-center-for-advanced-medical-analytics-explores-cutting-edge-applications-of-ai-in-medicine/>

\$5.9 Million NIH Bridge to AI Grant

Ishan Williams (Nursing) and Moorman (Medicine) serve as co-PIs on a \$5.9 million NIH Bridge to AI award. Partners: Massachusetts General Hospital and the University of Florida. Focus: building AI healthcare systems on more diverse patient data, accounting for race, ethnicity, socioeconomic status, and geography to address equity in AI health systems.

<https://news.virginia.edu/content/59-million-grant-support-uva-research-use-ai-health-care>

YuelDesign Drug-Discovery Platform

Dokholyan's YuelDesign/YuelPocket/YuelBond program has been described in papers in PNAS, JCI, and Science Advances. Funding: NIH 1R35 GM134864, NSF 2210963, the Huck Institutes of

the Life Sciences, and the Passan Foundation. The team made all tools freely available to the scientific community. Application priorities include cancer (with CDK2 as a demonstration target) and neurodegeneration (Alzheimer's, Parkinson's, ALS). See 7.4 for tool details.

Glioblastoma AI Imaging (Kundu Lab)

Kundu and colleagues are developing a deep-learning pipeline combining dynamic FDG PET with MRI to distinguish tumor progression from treatment effect in glioblastoma patients. Initial testing on 26 patients yielded 74% correct classification immediately post-treatment, versus standard clinical options that currently require three-to-four-month waits for MRI reassessment. The project received \$90,000 from UVA's Ivy Biomedical Innovation Fund. Collaborators include David Schiff (Neurology/Neurosurgery/Medicine), Sohil Patel, Prem Batchala, Stuart Berr, Shayan Moosa, Mark Quigg, Benjamin Purow, Thomas Eluvathingal Muttikkal, William Terrell, Zoraiz Qureshi, Rugved Chavan, and Miaomiao Zhang (Engineering). Published in *Journal of Nuclear Medicine* (2024) and related venues. Ties to the Paul and Diane Manning Institute of Biotechnology are cited in UVA Health framing of the work. Engineering is primary attribution for Kundu (Unit 02).

<https://med.virginia.edu/radiology-research/bijoy-kundu/>

<https://news.med.virginia.edu/research/uva-aims-to-improve-brain-cancer-care-using-ai/>

CARNA Heart-Failure Machine Learning

See 7.4 for tool details. The project emerged from the NHLBI Big Data Analysis Challenge and represents a multidisciplinary effort spanning Computer Science, Statistics, and Cardiovascular Medicine at UVA with cross-institutional collaborators.

HeRO NOWS

See 7.4. NIH HEAL R18 grant R18 EB035019 (\$3.1 million) supports the multi-site collaboration; FDA Breakthrough Device Designation was awarded in July 2024.

CoMET RCT

See 7.4. A prospective, pragmatic randomized controlled trial of AI-based predictive analytics monitoring for early detection of clinical deterioration in non-ICU settings is registered as NCT04359641, under UVA IRB #22196, with a \$600,000 bequest from Frederick Thomas supporting the work. Keim-Malpass and Bourque are lead investigators.

CMS AI Health Outcomes Challenge

UVA Health was one of seven finalists out of 300+ applicants in the first CMS AI Health Outcomes Challenge, receiving a \$60,000 award. The project predicts readmission risk and suggests personalized intervention plans, targeting the 3% of patients who account for 30% of readmissions. Team: Michel, Baljak, and Wasson.

<https://newsroom.uvahealth.com/2020/11/30/uva-ai-project-national-finalist/>

Cancer-Care AI (Penberthy and Penberthy)

David Penberthy (Radiation Oncology) and K. Penberthy (Psychiatry and Neurobehavioral Sciences) are applying AI to breast-cancer survivorship and cancer-care collaboration. Published coverage in regional media has highlighted the clinical framing; primary academic outputs are not surfaced at the level of the other CAMA projects in available sources.

<https://www.29news.com/2025/08/21/uva-doctors-consider-benefits-ai-health-outcomes/>

Telemedicine and VHI-EHR Predictive Modeling

A UVA multidisciplinary team of informaticians, data scientists, and clinicians developed data pipelines and AI tools modeling how UVA patient features predict Virginia ED utilization trends before and after telemedicine engagement, using UVA EHR data linked to Virginia Health Information (VHI) Exchange data. The preprint appeared on medRxiv in January 2026 and represents a class of operational-AI work using health-system-scale data assets that sit outside the CAMA benchmark research line.

<https://www.medrxiv.org/content/10.64898/2026.01.08.26343531.full.pdf>

Research and Clinical Trial Analytics (RCTA) Team

The Research and Clinical Trial Analytics (RCTA) team within the School of Medicine provides data services supporting AI-adjacent clinical research: REDCap, Advarra EDC, MuSIC project creation; data extraction, certification, and de-identification. Contacts: researchdata@uvahealth.org and redcap@uvahealth.org. RCTA is an operational infrastructure element rather than a research program; it enables the data environment on which the School's AI research depends.

https://uva.corefacilities.org/service_center/show_external/5534?name=ithriv

ChatGPT Diagnostic Accuracy Study (Parsons)

A UVA Health study led by Andrew S. Parsons (MD, MPH) tested whether ChatGPT Plus improved physicians' diagnostic accuracy. Fifty physicians across family medicine, internal medicine, and emergency medicine were randomized to diagnose complex cases either with ChatGPT Plus or with conventional resources such as UpToDate and Google; accuracy was similar across the two groups, while ChatGPT operating alone outperformed both. The widely covered finding is that access to a general-purpose LLM did not, on its own, raise clinician diagnostic accuracy, even as the model's standalone performance suggested unrealized potential in clinical workflows.

<https://www.sciencedaily.com/releases/2024/11/241113123419.htm>

Provost's Task Force on AI Research (2024) — SOM Representation

Jonathan Michel (Director of Data Science, UVA Health) served as a member of the Provost's Task Force on AI Research, which produced the 2024 report "Advancing AI Research at the University of Virginia." He represented UVA Health in the task force's cross-school composition.

https://s3.amazonaws.com/cdn.sites.provost.virginia.edu/files/AIResearchTaskForce-FinalReport_508.pdf

7.6 Events & Programming

AI in Health Care Symposium (April 2025)

Co-sponsored by the Health Leadership Institute at UVA Health, the UVA Darden School of Business, and the UVA School of Data Science. Panel moderated by then-Darden Dean Scott Beardsley. Featured speakers included Dr. Girish Nadkarni (Chair, Department of AI and Human Health, Mount Sinai); Dr. J. Scott Just (UPG CEO, who described the 600-clinician Dax CoPilot deployment); Vivian Riefberg (Darden Professor, formerly McKinsey U.S. health-care practice lead); and Meg Keeley, MD (UVA SOM Senior Associate Dean for Education). Key findings discussed: the fragmented AI adoption ecosystem in health care; the tension between moving quickly on new tools and maintaining caution in life-stakes environments; and the role of AI "triage" applications at virtual urgent-care platforms.

<https://datascience.virginia.edu/news/symposium-explores-opportunities-challenges-ai-health-care>

Frontiers in Clinical AI Symposium (September/October 2025)

Co-hosted by the UVA Office of the Vice President for Research (OVPR) and CAMA. Originally scheduled for Wednesday, September 17, 2025, 1:00–6:00 PM at the Leonard Sandridge Auditorium; rescheduled to Monday, October 13, 1:00–6:00 PM at the Pinn Hall Conference Center. The symposium featured sessions on AI-powered early-warning systems, precision medicine, and ethical frameworks; lightning talks; and poster presentations on clinical time-series analytics, imaging, medical education, and implementation science. Sullivan delivered "Turning Data into Clinical Insights" on behalf of CAMA. The poster and networking session, hosted by the Claude Moore Health Sciences Library, used digital poster screens. The symposium was one of a series of OVPR-hosted research symposia across Grounds in Fall 2025.

<https://research.virginia.edu/important-dates/ovpr-symposium-series-frontiers-clinical-ai-advancing-medical-innovation-through>

<https://news.med.virginia.edu/events/frontiers-in-clinical-ai-advancing-medical-innovation-through-artificial-intelligence-and-machine-learning/>

<https://news.med.virginia.edu/research/office-of-the-vice-president-for-research-hosts-series-of-research-symposia/>

HIMSS25 UVA Health Presentations (March 2025)

UVA Health presented multiple sessions at HIMSS25, the national health-information-technology conference. Baljak presented on RAMP's real-time analytics capabilities. Wasson presented the AI Vendor Evaluation Framework in the session "Dear AI Vendors: This Is What We Need." The HIMSS25 presence represents the most visible external-facing showcase of UVA Health's AI Analytics work to the national health-IT community.

Darden Ethical AI Conference (December 2023)

Held at Darden, this conference produced the "Building Stakeholder Trust in AI" whitepaper. A follow-up webinar on November 1, 2024 featured Raj Venkatesan and Luca Cian (Darden) and Omar Garriott (Batten Institute Executive Director). The event was the precursor to the LaCross Institute's annual UVA Conference on Ethical AI in Business and one of the earliest UVA-wide convenings on

AI ethics with explicit clinical-and-business framing. SOM personnel participated in cross-school discussions of Stakeholder Trust in AI principles.

Data, AI, and Health Collaboratory (DAHC) Launch — January 22, 2026

DAHC is jointly backed by the Schools of Data Science, Medicine, Engineering, Darden, and Education and Human Development, and by UVA Health. The Collaboratory is not a chartered center; it functions as a cross-Grounds coordination network with multi-school governance, a steering committee, shared resources, and topic-based open working groups. Announced areas for working groups include safety and governance; clinical evaluation and silent-mode pilots; AI/LLMs and ambient tools; imaging and physiologic signals; operations and workflow; and population health. Named SOM/UVA Health voices at launch: Andrew Taylor (Vice Chair of Research and Innovation, Emergency Medicine). Contact: dahc-contact@virginia.edu.

<https://datascience.virginia.edu/news/uva-launches-collaboratory-data-ai-and-health>

<https://datascience.virginia.edu/research/DAHC>

Making of Medicine Blog

Making of Medicine is UVA Health's research-focused blog; it runs the medical-research feed that surfaces AI-related work across the School of Medicine and Manning Institute. Subscription is available through UVA Health communications.

SOM Computing Security Page (Student GenAI Guidance)

The SOM Med-Ed Tech page on computing security provides student-facing GenAI guidance and operates as the practical companion to the MD Program policy.

<https://med.virginia.edu/med-ed-tech/support-for-students/general-tech/computing-security/>

Gaps and Observations

UVA Health's clinical AI infrastructure — RAMP, CoMET, HeRO, HeRO NOWS, the YuelDesign drug-discovery suite, CARNA, the CMS Challenge project — represents more than two decades of sustained work that predates the generative-AI surge. This is a clinical-analytics research enterprise, not a GenAI experiment retrofitted to a hospital. The homegrown character of the core platforms (RAMP, CoMET, HeRO) gives UVA Health more control over model governance than institutions relying on vendor stacks, and the CAMA open-source posture (GitHub repositories, FAIR-compliant data pipelines) positions the center as a contributor to the broader research community rather than a closed industrial analytics shop.

Wasson's AI Vendor Evaluation Framework stands out for its specificity. Four risk categories, a grading system, and explicit demands for transparency, accountability, and explainability go well beyond the "be careful with AI vendors" guidance that most health systems publish. Whether the framework is applied consistently across every UVA Health AI procurement decision, how often it blocks or modifies vendor proposals, and whether it shares language with ITS-tier tool evaluations elsewhere at UVA is not publicly documented.

The November 2023 SOM MD Program policy is narrowly scoped. It governs the MD Program only. Whether similar policies exist for SOM graduate programs, residencies, fellowships, or continuing medical education is not identified in available sources. The composition and ongoing activity of the Generative AI Advisory Team that developed the policy is likewise not documented beyond its policy-drafting role; whether the team continues to meet, update policy, or advise on new tools is not established. The School of Medicine's categorical exclusion from the Faculty AI Guides Program is a concrete reminder of the structural separation between the School's educational governance and the rest of the Provost's AI apparatus. The exclusion is a design feature, not an oversight.

Leadership turnover in 2025–26 is material. Kibbe's September 2025 resignation following a faculty letter of no confidence, the appointment of Derdeyn as Interim Dean, Rosner's concurrent service as Interim EVP for Health Affairs, Parkin's retirement as CITO in January 2026 with Sapra arriving four days before, and the prior Kent-era departures together mean that UVA Health and the School of Medicine operated with multiple simultaneous interim leaders through the DAHC launch window. The institutional memory loss and the coordination cost of leadership churn are not directly AI-specific but shape the reception of any new AI strategy statement.

The January 22, 2026 DAHC launch positions the School of Medicine and UVA Health inside UVA's broadest cross-school AI governance arrangement to date. DAHC's announced working groups include "safety and governance" and "clinical evaluation/silent-mode pilots" — areas that overlap directly with the Generative AI Advisory Team's original charter. Whether DAHC absorbs the governance work, supplements it, or operates in parallel is not yet public. Andrew Taylor's visibility as a DAHC launch spokesperson from Emergency Medicine, rather than a more centrally placed figure from CAMA or UVA Health's CITO office, suggests that DAHC's operating model is researcher-led rather than administration-led at least at the start.

The CAMA transition is worth naming directly. Moorman's retirement and Sullivan's appointment as the Randall and Liza Moorman Associate Professor of Advanced Medical Analytics signals continuity in the CAMA research program while moving the center's administrative home from Medicine to Pediatrics. That move makes neonatology a structural anchor for UVA's clinical-AI research line, and it positions pediatric research (HeRO, HeRO NOWS, POWS, ARK, NICU predictive analytics) at the center of the translational pipeline.

Cross-References

- **School of Engineering (Unit 2):** Kundu's glioblastoma AI imaging (BME primary) with Schiff (SOM) as neuro-oncology collaborator; Jeff Saucerman's LogiRx PNAS 2025 (BME/Cardiovascular Medicine); Marc Breton's Center for Diabetes Technology (FDA-approved automated insulin delivery, BME); Lu Feng (CS) on CARNA; Miaomiao Zhang (BME) on Kundu glioblastoma pipeline.
- **School of Data Science (Unit 3):** DAHC co-sponsor with UVA Health; Tom Hartvigsen's NIH dermatology AI grant; Heman Shakeri–Marc Breton \$4.7M T1 Diabetes AI project; Adam Tashman's AI in personalized medicine and digital health; Josephine Lamp cross-affiliation for CARNA.

- **School of Nursing (Unit 8):** Williams (Nursing) co-PI with Moorman on \$5.9M NIH Bridge to AI; Keim-Malpass (Nursing/Pediatrics) as CAMA Deputy Director, CoMET RCT lead, and \$600K Frederick Thomas bequest recipient; Kim Acquaviva and Sarah Craig as AI Ambassadors (Provost).
- **Biocomplexity Institute (Unit 13):** ARPA-H BRAVE (Marathe PI for UVA); cross-institutional public-health modeling that intersects with clinical-AI translational pipelines.
- **VP for Research (Unit 16):** OVPR co-hosted the Frontiers in Clinical AI Symposium with CAMA; Lori McMahon currently serves as VP Research, with Frederick Epstein (former Interim VPR, Mac Wade Professor of BME) named as incoming VPR in November 2025.
- **Provost's Office & CTE (Unit 17):** MD Program GenAI policy exists alongside Provost-level guidance; Faculty Handbook 3.3.14 applies to SOM faculty but the Faculty AI Guides Program explicitly excludes SOM.
- **ITS & CIO (Unit 15):** UVA Health operates a separate Microsoft tenant; Dax CoPilot, RAMP, and HeRO are health-system tools outside ITS's central AI governance; Sapra and Doney coordinate IT Governance cross-committee work.
- **UVA Library (Unit 14):** Claude Moore Health Sciences Library maintains the standalone AI @ HSL guide; HSL hosted the Frontiers in Clinical AI Symposium poster and networking session.
- **Darden (Unit 4):** Co-sponsored the April 2025 AI in Health Care Symposium; Riefberg panel participation; LaCross Institute's December 2023 Ethical AI Conference produced the "Building Stakeholder Trust in AI" whitepaper that included SOM cross-references.
- **Part I, Section I (Governance Architecture):** DAHC as the broadest cross-school AI coordination arrangement at UVA; Michel on 2024 AI Research Task Force.
- **Part I, Section II (Policy Infrastructure):** MD Program Policy on GenAI is one of three school-level AI policies at UVA.
- **Part I, Section IV (Tool Ecosystem):** RAMP, CoMET, Dax CoPilot, YuelDesign suite, CARNA, and the AI Vendor Evaluation Framework are all health-system tools in the UVA Health ecosystem.
- **Part I, Section VI (Research Governance):** DAHC's "safety and governance" and "clinical evaluation/silent-mode pilots" working groups sit at the intersection of SOM research, UVA Health operations, and IRB governance.

Sources

SOM MD Program Policy on Generative AI — November 2023 approval by Medical Education Management Committee, acceptable uses, prohibited uses, named tools (ChatGPT, Copilot, Gemini, Claude, DeepSeek, DALL-E), SOM Code of Conduct and Honor Code alignment

<https://med.virginia.edu/policies/uva-school-of-medicine-som-md-program-policy-on-generative-ai/>

UVA School of Medicine leadership page — Interim Dean Colin P. Derdeyn, MD; current leadership

<https://med.virginia.edu/about-uva-som/som-leadership/>

UVA School of Medicine About the Dean — full history of recent deanship transitions, including Kibbe 2021–2025 and Wilkes 2015–2021

<https://med.virginia.edu/about-uva-som/about-the-dean/>

UVA Health leadership page — CEO Mitchell H. Rosner (Interim EVP for Health Affairs), CITO Sonney Sapra, UPG CEO J. Scott Just, UVA Community Health CEO

<https://www.uvahealth.com/about/leadership>

UVA Medical Alumni Association — Derdeyn appointed Interim Dean (August 12, 2025), Howard Goodkin senior advisor six months, Rosner and Gertler joint announcement

<https://www.uvamedalum.org/colin-derdeyn-md-appointed-interim-dean/>

UVA Medicine in Motion — Derdeyn interim dean transition details

<https://news.med.virginia.edu/featured/colin-derdeyn-md-named-interim-dean-of-uva-school-of-medicine/>

Daily Progress — Kibbe resignation, February 2025 128-signature letter of no confidence, UT Health Houston finalist status

https://dailyprogress.com/news/local/education/higher-education/uva/article_c5c5c705-bab3-476d-8d2a-1253a59ed81c.html

UVA Health announcement — Sapra named CITO effective January 26, 2026, Parkin retirement January 30, prior roles, Rosner quote

<https://www.uvahealth.com/news/information-technology-leader-named-uva-health-s-chief-information-officer>

UVA Health CITO leadership page — Sapra's current responsibilities and background

<https://www.uvahealth.com/about/leadership/information-technology-chief>

UVA IT Governance committee membership — documents cross-tenant IT coordination between Kelly Doney (central UVA CIO) and UVA Health CITO

<https://cio.virginia.edu/it-governance>

Healthcare IT News on AI vendor governance — Wasson's evaluation framework, four risk categories, HIMSS25 session

<https://www.healthcareitnews.com/news/how-properly-evaluate-ai-technologies-uva-health-analytics-leader-has-answers>

Healthcare IT News on RAMP — real-time analytics platform, ML in clinical workflow, Baljak HIMSS25 presentation

<https://www.healthcareitnews.com/news/uva-health-ramps-ai-and-real-time-analytics>

UVA Health newsroom on CoMET — continuous monitoring on COVID units, Moorman's system design, data frequency, model-update cycle

<https://newsroom.uvahealth.com/2021/01/25/uva-artificial-intelligence-watching-covid-patients/>

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<https://newsroom.uvahealth.com/2020/11/30/uva-ai-project-national-finalist/>

UVA Medicine in Motion on CAMA — 2016 establishment by Moorman, Sullivan 2024 directorship succession, Moorman retirement, Randall and Liza Moorman Associate Professorship, department of Pediatrics home, cross-school collaboration scope

<https://news.med.virginia.edu/research/uvas-center-for-advanced-medical-analytics-explores-cutting-edge-applications-of-ai-in-medicine/>

UVA Health Healthy Practice interview with Brynne Sullivan — CAMA director profile, post-2024 strategy, South Tower NICU expansion

<https://www.uvahealth.com/healthy-practice/clinical-applications-of-ai>

CAMA Our People page — Sullivan (Director), Moorman (Founder), Lake (Scientific Director), Keim-Malpass (Deputy Director), full research team roster

<https://med.virginia.edu/advanced-medical-analytics/our-people/>

CAMA main site — research engine description, multidisciplinary posture

<https://med.virginia.edu/advanced-medical-analytics/>

CAMA Resources page — GitHub and UVA Dataverse open-source tools and datasets

<https://med.virginia.edu/advanced-medical-analytics/resources/>

CAMA GitHub organization — public repositories (hospital-entropy, FAIRStream, TagsToTable, UniversalFileConverter, BatchAlgorithmProcessor, NICUHDF5Viewer, AutoSTPtoHDF5Converter, MergeTags, EcgAgePrediction)
<https://github.com/UVA-CAMA>

Douglas E. Lake profile (CAMA Scientific Director) — UVA BS Applied Math (1982) and PhD Math (1991), HeRO collaboration with Moorman since 1999, POWS lead data scientist, Pre-Vent co-PI
<https://med.virginia.edu/advanced-medical-analytics/our-people/douglas-e-lake/>

Andrew Barros profile (CAMA) — KL2/iTHRIV mentorship noting Moorman as director and cofounder of HeRO; pronging in severe COVID-19 research
<https://med.virginia.edu/advanced-medical-analytics/our-people/andrew-barros-md-ms/>

Medicine in Motion — Philanthropy profile of HeRO, CoMET, and UVA pediatric predictive analytics technologies; HeRO FDA approval 2003, 40% sepsis-mortality reduction, 27-country deployment
<https://news.med.virginia.edu/philanthropy/heroes-of-innovation-uvas-pediatric-predictive-analytics-technology-improves-patient-outcomes/>

UVA Medicine in Motion — HeRO NOWS FDA Breakthrough Device Designation, NIH HEAL R18 EB035019 (\$3.1M Fall 2023), UVA–WashU–UAB–MPSC collaboration, NOWS device targets autonomic hyperexcitability
<https://news.med.virginia.edu/research/uva-study-achieves-fda-breakthrough-device-status-for-novel-technology-predicting-neonatal-opioid-withdrawal-syndrome/>

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<https://www.heroscore.com/hero-nows-awarded-fda-breakthrough-device-status/>

UVA Medicine in Motion on Dokholyan drug discovery — YuelDesign/YuelPocket/YuelBond, diffusion models, induced-fit protein flexibility, NIH 1R35 GM134864, NSF 2210963, Huck Institutes, Passan Foundation
<https://news.med.virginia.edu/research/new-ai-approach-to-speed-drug-development/>

UVA Health on new AI drug development tech — Dokholyan approach details, "democratize" quote, neurodegeneration priority
<https://www.uvahealth.com/news/new-ai-tech-to-speed-drug-development>

Bijoy Kundu profile (Radiology and Medical Imaging Research) — publications list, glioblastoma FDG PET multimodal classification Journal of Nuclear Medicine 2024, epilepsy FDG PET, end-to-end deep learning pipeline IOPscience 2024
<https://med.virginia.edu/radiology-research/bijoy-kundu/>

UVA Medicine in Motion on Kundu glioblastoma AI — 74% accuracy on 26 patients, Schiff quote on earlier treatment modifications, \$90K Ivy Biomedical Innovation Fund, Manning Institute tie
<https://news.med.virginia.edu/research/uva-aims-to-improve-brain-cancer-care-using-ai/>

UVA News on \$5.9M NIH Bridge to AI grant — Williams and Moorman co-PIs, diverse patient data, partners MGH and U Florida
<https://news.virginia.edu/content/59-million-grant-support-uva-research-use-ai-health-care>

UVA Health newsroom on CARNA — AI risk-assessment tool for heart failure, Bilchick quote on multidisciplinary research, Mazimba senior role, open-source repository
<https://newsroom.uvahealth.com/2024/04/15/artificial-intelligence-tool-to-improve-heart-failure-care/>

UVA Medicine in Motion on CARNA — American Heart Journal 2024, NHLBI Big Data Analysis Challenge, funding (NSF 842490, NHLBI R56HL159216, K01HL142848, L30HL148881)
<https://news.med.virginia.edu/research/new-artificial-intelligence-risk-assessment-tool-to-improve-heart-failure-care/>

SDS news on AI in Health Care Symposium (April 2025) — Health Leadership Institute + Darden + SDS co-sponsors, Beardsley moderator, Dax CoPilot 600 clinicians, Keeley SOM precision medical education details, prompt generation as foundational clinical skill, Nadkarni (Mount Sinai) keynote, Riefberg panel remarks
<https://datascience.virginia.edu/news/symposium-explores-opportunities-challenges-ai-health-care>

OVPR Symposium series page — Frontiers in Clinical AI Symposium September 17, 2025, 1:00–6:00 PM, AI in early-warning systems, precision medicine, ethical frameworks

<https://research.virginia.edu/important-dates/ovpr-symposium-series-frontiers-clinical-ai-advancing-medical-innovation-through>

UVA Medicine in Motion events — Frontiers in Clinical AI Symposium details

<https://news.med.virginia.edu/events/frontiers-in-clinical-ai-advancing-medical-innovation-through-artificial-intelligence-and-machine-learning/>

UVA Medicine in Motion on OVPR symposium series — rescheduled Frontiers in Clinical AI to October 13, Pinn Hall Conference Center

<https://news.med.virginia.edu/research/office-of-the-vice-president-for-research-hosts-series-of-research-symposia/>

UVA Data Science on DAHC launch (January 22, 2026) — six-school coalition, not-a-center design, working-group topic areas, Phil Bourne quote, Andrew Taylor (Emergency Medicine) on team science, Resource Hub/Project

Directory/Opportunities Board/Community Programming

<https://datascience.virginia.edu/news/uva-launches-collaboratory-data-ai-and-health>

DAHC site — contact dahc-contact@virginia.edu, coordination scope, steering committee

<https://datascience.virginia.edu/research/DAHC>

Claude Moore Health Sciences Library AI @ HSL guide — links to AI@UVA resources, institutional policies, tools

https://guides.hsl.virginia.edu/ai/ai_uva

SOM computing-security page — GenAI tool guidance for medical students

<https://med.virginia.edu/med-ed-tech/support-for-students/general-tech/computing-security/>

2024 Provost's Task Force on AI Research Final Report — "Advancing AI Research at the University of Virginia," Michel (UVA Health Director of Data Science) as member

https://s3.amazonaws.com/cdn.sites.provost.virginia.edu/files/AIResearchTaskForce-FinalReport_508.pdf

CBS19 News on AI heart-failure tool — Lamp's ML risk assessment tool, "decision support tool" framing

<https://www.cbs19news.com/news/uva/uva-health-researchers-develop-ai-tool-to-help-with-patient-care/>

29 News on AI in cancer care — David and Kim Penberthy using AI for breast-cancer survivorship research

<https://www.29news.com/2025/08/21/uva-doctors-consider-benefits-ai-health-outcomes/>

medRxiv preprint on telemedicine EHR AI modeling — UVA EHR + VHI Exchange data, multidisciplinary informatician-clinician team, ED utilization prediction

<https://www.medrxiv.org/content/10.64898/2026.01.08.26343531.full.pdf>

iLab Organizer — Research and Clinical Trial Analytics (RCTA) Team services: REDCap, Advarra EDC, MuSIC project creation; data extraction and certification

https://uva.corefacilities.org/service_center/show_external/5534?name=ithriv

8.

Unit 8. School of Nursing

KEY SIGNALS

The School of Nursing's AI footprint is substantially deeper than v1 captured. Two Provost-appointed AI Ambassadors (Kim Acquaviva and Sarah Craig) sit in the school, along with one of UVA's largest federally funded AI grants — the \$5.9 million NIH Bridge to AI award, UVA's module of the multi-institutional *CHoRUS* (Collaborative Hospital Repository Uniting Standards for Equitable AI) program with primary PI Eric Rosenthal (Mass General) and co-PIs Ishan Williams (Nursing) and Randall Moorman (Medicine). Jessica Keim-Malpass holds a joint Nursing/Pediatrics appointment, serves as CAMA Deputy Director, and is the contact PI on the AHRQ R01 PM-IMPACCT trial of CoMET in acute care cardiology. Virginia LeBaron's TECC Lab (Technology Enhanced Compassionate Care) runs two NIH-backed wearable-AI projects — BESI-C (\$3.4 million) and CommSense (\$450K Moore Fellowship). Dean Marianne Baernholdt led a Fall 2025 cohort of 17 UVA Health nurse leaders to Epic Systems headquarters in Madison to advise on Epic's nurse-facing Ambient ambient-charting AI tool; the engagement repositions the Dean's Office as a direct AI vendor-development participant, not merely a policy recipient. The Teaching Hub "Generative AI in Nursing" collection, curated by Acquaviva, is the only discipline-specific generative-AI teaching resource at UVA.

The School of Nursing offers undergraduate (BSN), Clinical Nurse Leader (CNL, the Commonwealth's first), MSN, DNP, PhD, and certificate programs. The School has held a top-3% graduate-nursing ranking in U.S. News (Virginia's best) under the current administration. Dean Marianne Baernholdt, PhD, MPH, RN, FAAN (The Pew Charitable Trusts Dean and Professor of Nursing; Dean of Professional Nursing at UVA Health) has led the School since August 2022 as its seventh Dean. The School organizes its research through three Research Areas of Excellence — Aging, Social Determinants of Health, and Healthcare Technology — the last of which is the institutional home for faculty AI work. The School's AI posture is clinical-translational and pedagogical, not policy-making: no school-level AI policy exists, but the Nursing Student Handbook addresses AI through an interpretive statement, and Acquaviva's Spring 2023 syllabus AI policy was the first at the School.

<https://nursing.virginia.edu/about/leadership/>

<https://www.uvahealth.com/about/leadership/dean-school-of-nursing>

<https://nursing.virginia.edu/research/>

<https://nursing.virginia.edu/research/faculty-research/healthcare-technology-research-area-excellence/>

8.1 Governance & Policy

Nursing Student Handbook — Interpretive Statement on AI

The Nursing Student Handbook provides an interpretive statement regarding AI and academic integrity. The statement operates as the baseline instrument for nursing-student conduct around AI, layered beneath the UVA Honor System's statement on artificial intelligence and the University-wide Faculty Handbook Section 3.3.14 on generative AI in teaching and learning. The interpretive-statement framing places authority over AI use in the course syllabus rather than at the school-level governance layer.

Acquaviva's Spring 2023 AI Syllabus Policy

In Spring 2023, Kim Acquaviva inserted an AI policy in her course syllabus — the first at the School of Nursing. Students could use the technology but needed to document how and when they used it, and Acquaviva created a citation format specifically for AI use, requiring notations of the questions posed, the date of the interaction, and the results generated. The policy codified an early model for AI integration with accountability and predates the University's formal Faculty Handbook codification of AI in Section 3.3.14.

<https://nursing.virginia.edu/news/artificial-intelligence-kim-acquaviva/>

AI Ambassadors Program (Provost)

Acquaviva and Craig were both selected as AI Ambassadors by the Provost, part of a 12-school panel of experts tasked with serving as a University-wide AI resource. The Ambassadors represent the principal school-level touchpoint to the Provost's AI infrastructure. Acquaviva operates as the educator-facing voice on AI in Nursing; Craig's AI work is oriented toward developing governance around nursing students' use of AI for clinical notes to ensure patient data privacy. The Ambassadors role sits outside the Faculty AI Guides Program (from which the School of Medicine is categorically excluded but which the School of Nursing participates in via this separate Ambassador channel).

Relationship to University and UVA Health Policy

The School of Nursing falls under IRM-002 (Acceptable Use of IT Resources) through the Academic Division jurisdiction. UVA Copilot access flows through central UVA ITS. The SOM MD Program Policy on Generative AI (November 2023) does not apply to Nursing, but nursing faculty with UVA Health clinical roles engage clinical AI tools (including Dax CoPilot under Just's UPG deployment and CoMET on monitored units) under UVA Health operational governance — a separate Microsoft tenant from the central UVA tenant. The Nursing/Pediatrics joint appointments of Keim-Malpass and related faculty traverse both governance regimes.

AAC&U Institute Participation

Acquaviva was an eight-member UVA team participant in the inaugural (AY 2024-25) Association of American Colleges and Universities (AAC&U) Institute on AI, Pedagogy, and the Curriculum. This places Nursing faculty inside the University's most senior AI-pedagogy working group.

8.2 People

Dean

Marianne Baernholdt, PhD, MPH, RN, FAAN — Seventh Dean of UVA School of Nursing (effective August 1, 2022); The Pew Charitable Trusts Dean and Professor of Nursing; Dean of Professional Nursing, UVA Health. Returned to UVA from UNC Chapel Hill's School of Nursing, where she served as Associate Dean of Global Initiatives, Interim Dean of Research, and founding director of the Pan American Health Organization/WHO Collaborating Center in Quality and Safety Education in Nursing and Midwifery. Previously UVA faculty 2005–2014 (director of global initiatives; director of the Rural & Global Health Care Center). Founding director of VCU's Langston Center for Quality, Safety and Innovation. PhD Nursing (University of Pennsylvania); MPH (Columbia University). Research: nurse burnout and EHR documentation burden, quality and safety in rural and global healthcare, workplace bullying. Co-author with Diane K. Boyle of *Nurses' Contributions to Quality Health Outcomes* (Springer 2021). Recent 2025 publication on nurse burnout and EHR satisfaction in *Computers, Informatics, Nursing* with Campbell, Montgomery, Ruffin, and Patrician.

<https://nursing.virginia.edu/people/mb2vy/>

<https://news.virginia.edu/content/marianne-baernholdt-named-dean-uvas-school-nursing>

Baernholdt's Fall 2025 Epic Site Visit

In Fall 2025, Baernholdt led a group of 17 UVA Health nurse leaders (from UVA Medical Center, UVA Haymarket Medical Center, UVA Prince William Medical Center, and UVA Culpeper Medical Center) to Epic Systems headquarters in Madison, WI, to observe and advise on Epic's Ambient — a newly launched nurse-facing AI charting tool, a counterpart to Dax CoPilot, that uses ambient listening to detect and chart routine assessments, treatment plans, advance-directive discussions, mental-health counseling, and spiritual care. The engagement made UVA's nurse leadership a direct participant in Epic's product evolution rather than a downstream recipient of it.

https://magazine.nursing.virginia.edu/from-the-dean_winter-2026/

Provost-Appointed AI Ambassadors

Kimberly D. Acquaviva, PhD, MSW, CSE, FNAP — Betty Norman Norris Endowed Professor at the UVA School of Nursing; Provost's Office Faculty Fellow; AI Ambassador (Provost); AAC&U Institute on AI, Pedagogy, and the Curriculum team member (2024-25). BA Sociology, MSW, PhD Human Sexuality Education (University of Pennsylvania); AASECT-certified sexuality educator. Prior: 15 years at George Washington University (Nursing and School of Medicine and Health Sciences), inaugural Associate Dean for Faculty Affairs in GW Nursing. Arrived at UVA August 2019. Inducted into Sigma Xi (October 2024). Research: LGBTQIA+ aging and end-of-life issues; generative AI in nursing education. Co-leads the School's Distinguished Majors Program. Teaches population health, evidence-based practice, grant writing, health policy, and research project proposal courses. Author of *LGBTQ-Inclusive Hospice & Palliative Care: A Practical Guide to Transforming Professional Practice* (Columbia University Press 2017) and *The Handbook of LGBTQIA-Inclusive Hospice & Palliative Care* (Columbia University Press 2023). Host of the *em dash* podcast. Fulbright Scholar alumna. Cares for her late wife's story was the subject of a New Yorker documentary film "Documenting Death."

<https://nursing.virginia.edu/people/kda8xj/>

<https://nursing.virginia.edu/news/artificial-intelligence-kim-acquaviva/>

<https://nursing.virginia.edu/news/kim-acquaviva-sigma-xi-honor/>

Sarah Craig, PhD, MSN — Associate Professor of Nursing; Director of the Clinical Nurse Leader (CNL) Program; AI Ambassador (Provost). MSN (2010) and PhD (2014), UVA School of Nursing. Clinical Nurse Specialist; critical care nurse. 2022 All-UVA Teaching Award recipient (one of nine from 2,400+ UVA faculty). First-generation college student. Pioneer in integrating simulation-based learning into SON curriculum; designed innovative simulation experiences and spearheaded the creation of the Clinical Skills Intensive lab in the Clinical Simulation Learning Center. Developed vaccine education and training for pre-licensure students during COVID (with Ackard, Coyne, and Mitchell). Honorary Clinical Instructor in Nursing appointment. AI focus: developing governance around nursing students' use of AI for clinical notes to preserve patient data privacy.

<https://nursing.virginia.edu/people/sjw5y/>

<https://nursing.virginia.edu/news/sarah-craig-uva-award/>

Research Faculty (Healthcare Technology Area of Excellence)

Ishan C. Williams, PhD — Tenured Professor of Nursing; social and behavioral scientist; dementia scholar; UVA Advisory Board member. Co-PI on the \$5.9 million NIH *CHoRUS* (Collaborative Hospital Repository Uniting Standards for Equitable AI) grant with Eric Rosenthal (Mass General, primary PI) and Randall Moorman (Medicine, co-PI). Cited: "AI informed by data from homogenous populations poorly generalize. That's why diverse approaches in healthcare, AI included, are so critical." 2023 Shannon Center Mid-Career Fellow (three-year award, one of 15 UVA scientists). Former President, Southern Gerontological Society (2019-2020). Fellow, Gerontological Society of America. 2025 GRITS Award (SGS's highest). Associate editor, *Journal of Applied Gerontology*. Research: dementia and Alzheimer's in aging; equitable healthcare AI data; end-of-life and palliative care; caregiver stress; care transitions. Co-author with Moorman on *Journal of General Internal Medicine* paper on race, class, and place modifying U.S. mortality rates (2023).

<https://nursing.virginia.edu/people/icw8t/>

<https://nursing.virginia.edu/news/ai-ecosystem-williams-moorman/>

<https://nursing.virginia.edu/news/ishan-williams-gerontology-award/>

Jessica Keim-Malpass, PhD, PNP, FAAN — Professor of Nursing (Department of Acute and Specialty Care); Professor of Pediatrics (UVA School of Medicine, joint appointment); CAMA Deputy Director; acute care pediatric nurse practitioner in hematology-oncology. PhD in Nursing Science from UVA. Additional graduate degrees in regulatory science, clinical epidemiology, and health economics/pharmacoeconomics. Fellow, American Academy of Nursing (2022). Betty Irene Moore Nurse Leader and Innovator Fellow (Gordon and Betty Moore Foundation, 2020–2023). National Academy of Medicine Scholar in Diagnostic Excellence (inaugural class, 2021). Costs of Care Fellow. Leads the Dissemination and Implementation core efforts at iTHRIV. Research: health economics, artificial intelligence, implementation science, children with medical complexity, pediatric sepsis, acute myeloid leukemia, end-of-life trajectories, cancer survivorship, precision predictive analytics. Lead

author with L. Paxton Moorman on "Nursing and precision predictive analytics monitoring in the acute and intensive care setting: An emerging role for responding to COVID-19 and beyond" (*International Journal of Nursing Studies Advances*, 2021). Co-author on 2024 paper validating a digital pathology-based multimodal AI architecture in the NRG/RTOG 9902 phase 3 trial (*European Urology*).

<https://nursing.virginia.edu/people/jlk2t/>

<https://med.virginia.edu/advanced-medical-analytics/our-people/jessica-keim-malpass-phd-rn/>

<https://www.nursing.virginia.edu/news/nam-scholar-diagnostic-excellence/>

Virginia LeBaron, PhD, FAAN, FAANP — Kluge-Schakat Professor in Compassionate Care; Director of the Technology Enhanced Compassionate Care (TECC) Lab; palliative care nurse practitioner. Research: smart technology for at-home cancer pain management, technology to improve clinicians' communication. Career spans global palliative care and cancer control (primarily India and Nepal since 2004) and rural domestic settings (Southwest Virginia). Fulbright Scholar alumna; American Cancer Society pre-doctoral fellow; Fellow of the American Academy of Nursing and the American Academy of Nurse Practitioners. NIH \$3.4 million award (2021, NIH/NINR) for BESI-C (Behavioral and Environmental Sensing and Intervention for Cancer). Betty Irene Moore Fellowship (2023, \$450K, three years) for CommSense. Author of *Cardinal Marks* (Finishing Line Press 2021); 2022 Virginia Center for the Creative Arts Fellow.

<https://nursing.virginia.edu/people/vtl6k/>

<https://nursing.virginia.edu/news/lebaron-cancer-pain-nih/>

<https://nursing.virginia.edu/news/lebaron-moore-fellowship-commsense/>

Jessie Gibson, PhD, APRN-BC — Professor of Nursing. Research: Huntington's disease, Parkinson's disease, anxiety, neuropsychiatric symptoms, digital mental health. Developed digital-mental-health interventions targeting the debilitating anxiety and negativity that accompany Huntington's disease.

Emma Mitchell, PhD, MSN, FNP-BC — Associate Professor of Nursing. Research: novel methods for cervical cancer screening and treatment in low-resource settings; global health; HPV. \$1.2 million NIH grant for expansion of her cervical cancer screening and treatment protocol in Nicaragua. Cross-appointed on Craig-led vaccine-training pandemic curriculum work.

Crystal Chu, PhD — UVA SON PhD graduate; post-doctoral fellow. Oncology nurse whose research agenda was shaped by clinical experience of what "needed to be fixed" in systems of care.

Randy A. Jones, PhD, RN, FAAN — Professor of Nursing. Research: decision aids for men with prostate cancer; health disparities; community engagement.

Endowed Professorships and Other AI-Adjacent Leadership

Jeanne Alhusen, PhD, CRNP, RN, FAAN — Associate Dean for Research; endowed professor appointed by UVA Board of Visitors (June 2022). Research on maternal mental health and early childhood outcomes; \$8+ million in currently funded grants.

Dominique Tobbell, PhD — Centennial Distinguished Professor of Nursing; Director, Eleanor Crowder Bjoring Center for Nursing Historical Inquiry. Author of *Pills, Power, and Policy* (UC Press 2012) and the forthcoming *Dr. Nurse: Science, Politics, and the Transformation of American Nursing* (University of Chicago Press). Health-history framing work complements AI policy discussions about algorithmic bias, professional authority, and nursing's place at the "big data table."

Advisory Board

The Nursing School Advisory Board includes **Ryne Ackard, Kimberly Acquaviva, Cathy Campbell, Lynn Corbett, Delores Fields, Ivora Hinton, Tracy Kelly, Kathryn Laughon, John Teahan, and Ishan Williams**, among others. Chair: Janis Peacock Bellack. Ex officio: Baernholdt. The presence of both AI Ambassadors (Acquaviva) and the CHoRUS co-PI (Williams) on the Advisory Board positions the Board as a substantive forum for AI-related strategic discussion at the School.

<https://nursing.virginia.edu/about/leadership/>

8.3 Teaching & Curriculum

UVA Teaching Hub "Generative AI in Nursing" Collection

Acquaviva curated the UVA Teaching Hub's "Generative AI in Nursing" collection, the only discipline-specific generative-AI teaching resource at UVA. The collection includes an AI-generated lecture demonstration (ChatGPT GPT-4 script + Speechify voice), a Faculty Development session PowerPoint (April 4, 2023), practical suggestions for using AI to generate assignments and case studies, external resources on AI image generation in healthcare education, and an interview with Maureen Baker and Theresa Raphael-Grimm (UNC School of Nursing) on Yoodli, an AI communication-coaching tool. The collection is referenced by nursing faculty across UVA and nationally.

<https://teaching.virginia.edu/collections/generative-ai-in-nursing>

<https://teaching.virginia.edu/curators/6422>

Acquaviva's Faculty Development Programming

Acquaviva delivered multiple faculty-development sessions on generative AI, including "Enhancing Nursing Education Using GenAI" (YouTube, February 2024) and a UVA School of Nursing Faculty Development session on April 4, 2023. The sessions target nursing faculty specifically, providing practical examples of how ChatGPT and similar tools can generate patient case studies, assignments, grading rubrics, lecture outlines, and simulation scenarios.

<https://www.youtube.com/watch?v=isieMZDH218>

Simulation-Based Learning Infrastructure (Craig)

Craig led the integration of simulation-based learning into SON curriculum and spearheaded the creation of a Clinical Skills Intensive lab in the Clinical Simulation Learning Center. The simulation infrastructure is AI-adjacent in that it provides the pedagogical scaffolding for AI-generated case studies and scenario-based learning that Acquaviva's materials recommend.

CNL Program

Craig directs the Clinical Nurse Leader (CNL) program, which was the Commonwealth's first such program when it officially began in 2005. The program integrates quality-improvement and systems-level patient-care training. Conway Scholars (Conway family gift) support clinical rotations at sites outside UVA's main hospital, including community partners. The CNL program does not have AI-specific content, but Craig's AI Ambassador role positions the program to incorporate nursing-specific AI curriculum as it develops.

Absence of AI-Specific Courses

No AI-specific courses offered through the School of Nursing were identified in available sources as of the snapshot date. AI integration is distributed across courses through faculty discretion, simulation-based learning pilots, and the Acquaviva-curated Teaching Hub collection.

8.4 Tools & Technology

Nurse-Facing Deployments of UVA Health Clinical AI

UVA Health clinical AI tools are deployed on units where Nursing students train and nursing faculty conduct clinical practice. CoMET (Randall Moorman's continuous monitoring system), which draws patient physiological data every two seconds and updates risk models every 15 minutes, is deployed on UVA Health monitored units including the Coronary Intensive Care Unit, the Thoracic/Cardiovascular Intensive Care Unit, and the Surgical and Trauma ICU (STICU, where Keim-Malpass led the system's introduction). Dax CoPilot (ambient clinical documentation) is deployed to 600 clinicians through UVA Physicians Group (as of April 2025).

<https://newsroom.uvahealth.com/2021/01/25/uva-artificial-intelligence-watching-covid-patients/>

BESI-C (Behavioral and Environmental Sensing and Intervention for Cancer)

BESI-C is LeBaron's smart-home pain management system — a smartwatch-like wearable plus unobtrusive room sensors that continuously measure physiological activity (heart rate, body temperature, motion) and environmental conditions (temperature changes, light levels, visitor activity, noise). The system captures "dyadic" pain data from both patients and caregivers, constructing what LeBaron terms a "digital phenotype" of pain. Developed initially with John Lach (Engineering) and Leslie Blackhall, MD (palliative care). Published in *Digital Health* (2023). Funded by a \$3.4 million NIH/NINR grant (2021-2025).

<https://nursing.virginia.edu/news/wearable-tech-manages-cancer-pain/>

<https://nursing.virginia.edu/news/lebaron-cancer-pain-nih/>

CommSense

CommSense is LeBaron's smartwatch-based clinician communication-assessment tool. It records clinician-patient conversations, scores them against a "gold standard" palliative-care-conversation rubric, and offers real-time feedback. The CommSense team spans three schools: LeBaron, Tabor Flickinger, MD, and David Ling, MD (School of Medicine); Laura Barnes, PhD, and Mehdi Boukhechba, PhD (Engineering); nursing student James Edwards, medical student David Lee, and

engineering PhD student Zhiyuan Wang. The pilot was funded by UVA's Engineering in Medicine Seed Pilot Program; the current phase is funded by a \$450K Moore Fellowship (2023, three years). Published in the *Journal of Medical Internet Research* (2023).

<https://nursing.virginia.edu/news/lebaron-commsense/>

<https://news.virginia.edu/content/watch-your-words>

Epic Ambient (Vendor Engagement)

Epic's Ambient is a new nurse-facing ambient AI charting tool positioned as a counterpart to Dax CoPilot. Baernholdt and 17 UVA Health nurse leaders from UVA Medical Center and UVA Haymarket, Prince William, and Culpeper medical centers visited Epic's Madison headquarters in Fall 2025 to observe and advise on Ambient's development. The visit represents a rare case of a UVA school's dean directly engaging a major health-system AI vendor on product design — functionally an extension of the Wasson AI Vendor Evaluation Framework into pre-deployment vendor consultation.

https://magazine.nursing.virginia.edu/from-the-dean_winter-2026/

UVA Copilot and Enterprise Tools

School of Nursing faculty and students access UVA Copilot Chat through central UVA ITS, operating under the Academic Division tenant. Consensus (Library-managed enterprise license) and the Faculty AI Guides syllabus-statement repository are available. Highly Sensitive research data — including patient data from UVA Health clinical AI research — is prohibited in generative AI tools outside the UVA Copilot A5 tenant-protected environment.

8.5 Research & Scholarship

\$5.9 Million NIH Bridge to AI Grant (CHoRUS)

The *CHoRUS* (Patient-Focused Collaborative Hospital Repository Uniting Standards for Equitable AI) grant is UVA's \$5.9 million module of an NIH Bridge to AI program with primary PI Eric Rosenthal at Massachusetts General Hospital and co-PIs Williams (Nursing) and Moorman (Medicine). Partners: Massachusetts General Hospital, University of Florida, and 14 biomedical, clinical, regulatory, and industry organizations across the country. Scope: develop, test, and deploy best practices for AI healthcare systems that aggregate data from a more diverse pool of patients by accounting for race, ethnicity, socioeconomic status, and geography. Work began late 2022; expected completion late 2027. Williams and Moorman serve as module leaders in the larger multi-site collaboration. NIH also administered three companion "Bridge2AI" awards that create a central repository to integrate activities and disseminate products, best practices, and training materials.

<https://news.virginia.edu/content/59-million-grant-support-uva-research-use-ai-health-care>

<https://nursing.virginia.edu/news/ishan-williams-randall-moorman/>

CAMA Affiliation and PM-IMPACCT AHRQ R01

Keim-Malpass serves as CAMA Deputy Director and is contact PI on the AHRQ R01 PM-IMPACCT trial (Predictive Monitoring: IMPact of Real-time Predictive Monitoring in Acute Care Cardiology Trial), 2022-2025. Keim-Malpass and UVA Health cardiologist Jamie Bourque are lead investigators on the randomized controlled trial across UVA Health's fourth floor (Coronary Intensive Care Unit and Thoracic/Cardiovascular Intensive Care Unit). A \$600,000 bequest from the Frederick Thomas estate supports the trial. The RCT is registered on ClinicalTrials.gov as NCT04359641, under UVA IRB #22196. Results are reported to CONSORT-AI guidelines. The trial produces one of UVA's most rigorous real-world AI deployment evaluations.

<https://nursing.virginia.edu/news/keim-malpass-comet/>

BESI-C and CommSense (TECC Lab)

See 8.4 for tool details. BESI-C is supported by a \$3.4 million NIH/NINR grant (2021) and prior UVA seed funding from the UVA Center for Engineering in Medicine and the American Cancer Society. CommSense is supported by a \$450K Moore Fellowship (2023) and the UVA Engineering in Medicine Seed Pilot Program. Published in *Journal of Medical Internet Research* (2023) and *Digital Health* (2023).

\$1.2 Million NIH Cervical Cancer Grant (Mitchell)

Emma Mitchell leads a \$1.2 million NIH grant to expand her cervical cancer screening and treatment protocol in Nicaragua, where mortality from the disease is high. The project is AI-adjacent through its use of novel screening methods in low-resource settings, with algorithmic components to risk stratification.

Digital Mental Health (Gibson)

Jessie Gibson's Huntington's disease research applies digital mental health interventions to address anxiety and neuropsychiatric symptoms.

Nursing-Science AI Publications

Williams, Keim-Malpass, and Acquaviva have each produced AI-relevant scholarship. Williams co-authored with Moorman on the 2023 *Journal of General Internal Medicine* paper examining race, class, and place as modifiers of U.S. mortality rates. Keim-Malpass and Moorman co-authored the foundational *IJNSA* paper on nursing and precision predictive analytics monitoring. Keim-Malpass co-authored the 2024 *European Urology* validation study of a digital pathology-based multimodal AI architecture in the NRG/RTOG 9902 phase 3 trial. Panagides and Keim-Malpass published a 2025 discussion paper in *IJNSA* on reconsidering the use of race, sex, and age in clinical algorithms to address bias. Acquaviva has spoken and published on AI in nursing education and authored curriculum materials for the UVA Teaching Hub.

Office for Nursing Research (ONR) Infrastructure

The Office for Nursing Research facilitates research development through intramural funding (Pilot Data Intramural Funding, Jeanette Lancaster Endowment Fund for Faculty Excellence, Katharine M. Donohoe Clinical Research Award), access to UVA Health's iTHRIV resources, and grant-discovery

databases (GrantForward, Foundation Directory Online, Web of Science). The ONR is the school-level infrastructure on which the Healthcare Technology research area depends.

<https://nursing.virginia.edu/research/onr/>

8.6 Events & Programming

Sigma Xi Induction (Acquaviva, October 2024)

Kim Acquaviva was inducted into the international multidisciplinary scientific research honor society Sigma Xi in October 2024, with nominators Jamie Vernon (Sigma Xi Executive Director and CEO) and Allen Thomas (Chair, Sigma Xi Committee on Qualifications and Members).

<https://nursing.virginia.edu/news/kim-acquaviva-sigma-xi-honor/>

Williams GRITS Award (Southern Gerontological Society, April 2025)

Williams received the Southern Gerontological Society's GRITS Award at the SGS annual conference in Birmingham in April 2025. The award recognizes outstanding contributions to gerontology, community engagement, and mentoring of the next generation of aging scholars. Baernholdt described Williams as "a shining example of a scholar-scientist who's as rooted in the communities she serves as she is in the halls of academia."

<https://nursing.virginia.edu/news/ishan-williams-gerontology-award/>

Keim-Malpass AAN Fellow Induction (October 2022)

Jessica Keim-Malpass was inducted as a Fellow of the American Academy of Nursing in Washington, D.C. in October 2022. Then-Dean Pam Cipriano, who also served as president of the International Council of Nurses, described Keim-Malpass's work as "pioneering family-centered and clinician-engaged predictive model development and implementation to help clinicians identify events of clinical deterioration."

<https://nursing.virginia.edu/news/malpass-faan/>

Faculty Development Sessions (Acquaviva)

Acquaviva's recurring faculty-development sessions on generative AI — including the April 4, 2023 School of Nursing Faculty Development session and the February 2024 "Enhancing Nursing Education Using GenAI" YouTube release — function as the School's most visible AI-pedagogy programming.

AAC&U Institute on AI, Pedagogy, and the Curriculum (AY 2024-25)

Acquaviva was one of eight UVA team members (with Andrew Kennedy and Jess Taggart from CTE; Emily Scida and Fang Yi from Learning Design and Technology; Bethany Mickel from Library; Heidi Nobles from Writing Across the Curriculum; and Spyridon Simotas from French) in the inaugural AAC&U Institute cohort.

No Standalone School-Level AI Conference

No standalone Nursing AI conference, research day, or Nursing-branded AI symposium was documented in available sources. Nursing faculty participate in cross-school events (the April 2025 AI in Health Care Symposium, the September/October 2025 Frontiers in Clinical AI Symposium) rather than hosting school-specific AI-branded programming.

Gaps and Observations

The School of Nursing's AI posture is clinical-translational and pedagogical by design, not policy-making. The absence of a school-level AI policy is consistent with UVA's pattern — only three schools (Data Science, the SOM MD Program, and UVA Wise) have published formal school-level AI policies. What Nursing has instead is a high-functioning distributed approach: two Provost-appointed AI Ambassadors who serve on the Advisory Board; a discipline-specific Teaching Hub collection curated from within the faculty; a Nursing Student Handbook interpretive statement; and syllabus-level AI governance that Acquaviva pioneered with the School's first AI-syllabus policy in Spring 2023. This is a structural mirror of the Faculty Handbook 3.3.14 default-discretion model, implemented at school scale.

The Healthcare Technology Research Area of Excellence is the School's principal AI-research organizing structure. It is the substrate on which the CHoRUS grant, the PM-IMPACCT trial, the BESI-C and CommSense projects, and Mitchell's and Gibson's technology-adjacent work operate. The RAE structure predates the AI surge and was not designed for AI specifically; the School's AI capacity rides on a broader technology-and-health-equity posture that gives Nursing a natural shared-agenda surface with Data Science, Engineering, and UVA Health.

The Williams-Moorman CHoRUS grant is notable for two reasons beyond its dollar value. First, its equity focus on diverse patient data addresses a structural critique of current AI health systems — that they generalize poorly across demographic and geographic strata — and does so with an NIH-level investment and a 14-organization multi-site consortium. Second, the grant positions Nursing as the institutional home of a UVA-wide equitable-AI effort; Williams, not a clinical AI engineer, is the behavioral-scientist lead, which signals a deliberate choice to put questions of representation and ethics at the grant's center rather than at its periphery.

The Keim-Malpass joint appointment to Nursing and Pediatrics, combined with her CAMA Deputy Director role, is a structural anchor linking the School of Nursing to UVA Health's clinical AI enterprise. The primary attribution conversation matters: Keim-Malpass is cross-referenced in the Medicine dossier (as CAMA Deputy Director) but her home department is Nursing, with a Pediatrics joint appointment. The AHRQ R01 PM-IMPACCT trial she leads is one of UVA's most rigorous real-world AI evaluation trials. The \$600,000 Frederick Thomas bequest and the AHRQ grant together constitute the funding backbone for that work.

LeBaron's TECC Lab is an under-appreciated AI research footprint at the School. BESI-C and CommSense together span two NIH/foundation grants and three schools (Nursing, Medicine, Engineering). The "digital phenotype" framing LeBaron has developed for cancer pain is a concrete instance of an interpretable, patient-centered clinical AI research program — worth comparison with CAMA's clinical-time-series work and CARNA's hemodynamic-phenotype program in Medicine.

Baernholdt's Fall 2025 Epic site visit is a novel kind of AI engagement. The School's Dean, accompanied by 17 UVA Health nurse leaders, directly advised Epic scientists on the evolution of the Ambient nurse-facing AI charting tool. This is neither procurement nor research but vendor co-design, a role that neither the Wasson AI Vendor Evaluation Framework nor the University-level AI governance arrangements currently codify. Whether this becomes a template for other school-level engagements with clinical AI vendors, or remains a Baernholdt-specific arrangement, is not publicly documented.

The Nursing Student Handbook interpretive statement is the most lightly documented governance artifact in the School's AI stack. The statement's scope, enforcement mechanism, and relationship to course-level AI syllabus policies are not detailed in available sources. Clarification of the Handbook's role would tighten the documented governance picture.

Cross-References

- **School of Medicine & UVA Health (Unit 7):** Keim-Malpass is joint Nursing/Pediatrics and CAMA Deputy Director; Williams co-PI with Moorman on \$5.9M NIH CHoRUS grant; BESI-C and CommSense partnerships with SOM faculty (Flickinger, Ling, Blackhall); Baernholdt's Epic Ambient site visit parallels Dax CoPilot's deployment in UVA Health; the PM-IMPACCT AHRQ R01 tests CoMET on UVA Health cardiology units.
- **School of Engineering (Unit 2):** Laura Barnes and Mehdi Boukhechba (Systems and Information Engineering) on CommSense; John Lach (ECE) on BESI-C; PhD student Zhiyuan Wang on CommSense; the UVA Center for Engineering in Medicine Seed Pilot Program funded early BESI-C and CommSense pilots.
- **School of Data Science (Unit 3):** Williams's behavioral-science-centered equitable-AI agenda complements SDS's technical AI research; potential DAHC connection through cross-school clinical-evaluation working group.
- **Biocomplexity Institute (Unit 13):** No direct programmatic overlap documented.
- **Provost's Office & CTE (Unit 17):** Acquaviva and Craig as Provost-appointed AI Ambassadors; Acquaviva as AAC&U Institute team member; Acquaviva-curated Teaching Hub "Generative AI in Nursing" collection hosted by CTE.
- **ITS & CIO (Unit 15):** UVA Copilot access flows through central UVA ITS; Highly Sensitive data prohibition applies to nursing research.
- **Library (Unit 14):** Bethany Mickel (Library) was fellow AAC&U Institute team member with Acquaviva; Claude Moore Health Sciences Library hosts AI guides accessible to Nursing faculty.
- **DAHC launch (January 22, 2026):** DAHC is backed by the School of Data Science, UVA Health, the School of Medicine, Darden, Engineering, and Education and Human Development. The School of Nursing is not listed among the six backing schools but participates through UVA Health cross-school clinical-AI pilots.
- **Part I, Section I (Governance Architecture):** AI Ambassadors program via Provost; Nursing Advisory Board includes both Ambassadors (Acquaviva) and CHoRUS co-PI (Williams).

- **Part I, Section III (Teaching & Learning Posture):** Acquaviva's Spring 2023 syllabus AI policy; UVA Teaching Hub "Generative AI in Nursing" collection; AAC&U Institute participation.
- **Part I, Section VIII (Infrastructure & Strategic Investment):** \$5.9M CHoRUS grant; \$3.4M BESI-C grant; \$1.2M Mitchell cervical cancer grant; \$600K Frederick Thomas bequest; \$450K Moore Fellowship for CommSense.

Sources

UVA School of Nursing Dean's office — Baernholdt biography, leadership roster, 10-year strategic plan, advisory board composition

<https://nursing.virginia.edu/about/leadership/>

UVA School of Nursing — Baernholdt full profile including scholarly appointments, publications, and research areas

<https://nursing.virginia.edu/people/mb2vy/>

UVA News on Baernholdt Dean appointment — prior UVA and UNC roles, founding Pan American Health Organization/WHO Collaborating Center at UNC, Langston Center at VCU

<https://news.virginia.edu/content/marianne-baernholdt-named-dean-uvas-school-nursing>

UVA Health Dean of School of Nursing biography — Pew Charitable Trusts Dean, Dean of Professional Nursing role

<https://www.uvahealth.com/about/leadership/dean-school-of-nursing>

UVA Today Q&A with Dean Baernholdt — return to UVA, strategic plan, IDEA initiative, burnout research

<https://news.virginia.edu/content/nursing-dean-marianne-baernholdt-leader-beginning>

VNL Magazine Winter 2026 Dean's Letter — Fall 2025 Epic Systems Madison site visit with 17 UVA Health nurse leaders; Ambient nurse-facing AI charting tool observation and advisory role

https://magazine.nursing.virginia.edu/from-the-dean_winter-2026/

UVA School of Nursing on Kim Acquaviva — Betty Norman Norris Endowed Professorship, AI Ambassador designation, Provost's Office faculty fellow, Sigma Xi induction, October 2024; first SON AI syllabus policy Spring 2023; AI citation format

<https://nursing.virginia.edu/news/artificial-intelligence-kim-acquaviva/>

Acquaviva faculty profile — BA Sociology, MSW, PhD Human Sexuality Education (UPenn), AASECT certification, Fulbright Scholar status, *LGBTQ-Inclusive Hospice & Palliative Care* book, UVA arrival August 2019, Distinguished Majors Program

<https://nursing.virginia.edu/people/kda8xj/>

UVA Teaching Hub "Generative AI in Nursing" collection — Acquaviva-curated discipline-specific generative-AI teaching resources

<https://teaching.virginia.edu/collections/generative-ai-in-nursing>

Acquaviva curator page at UVA Teaching Hub — Betty Norman Norris Endowed Professorship, Provost's Office Fellow role

<https://teaching.virginia.edu/curators/6422>

UVA School of Nursing on Sigma Xi induction — nominators Jamie Vernon and Allen Thomas, AI-advisor role noted

<https://nursing.virginia.edu/news/kim-acquaviva-sigma-xi-honor/>

Acquaviva YouTube lecture "Enhancing Nursing Education Using GenAI" — February 2024

<https://www.youtube.com/watch?v=isieMZDH218>

UVA School of Nursing on Sarah Craig All-UVA Teaching Award — MSN '10, PhD '14; CNL program directorship; simulation-based learning pioneer; Clinical Skills Intensive lab

<https://nursing.virginia.edu/news/sarah-craig-uva-award/>

Sarah Craig faculty profile — Adult-Gerontology Clinical Nurse Specialist, dissertation on industrial nursing history, Clinical Nurse Leader program director, scholarship of teaching and learning
<https://nursing.virginia.edu/people/sjw5y/>

UVA Health Foundation on Conway Scholars and CNL program — Commonwealth's first CNL program (2005), two-track design, community clinical rotations
<https://giving.uvahealth.com/article/supporting-future-nursing>

UVA School of Nursing on Williams-Moorman \$5.9M NIH grant — CHoRUS (Patient-Focused Collaborative Hospital Repository Uniting Standards for Equitable AI), Eric Rosenthal primary PI, Williams and Moorman co-PIs, MGH and U Florida partners, 14 biomedical/clinical/industry/regulatory partners, late 2022–late 2027 timeline, "module leader" designation for UVA co-PIs
<https://nursing.virginia.edu/news/ai-ecosystem-williams-moorman/>

UVA School of Nursing announcement — \$5.9M NIH grant to Williams and Moorman; AI blueprint for diverse patient populations; race, ethnicity, socio-economic status, geography framing
<https://nursing.virginia.edu/news/ishan-williams-randall-moorman/>

UVA News on \$5.9M NIH Bridge to AI grant — Williams and Moorman co-PIs; multi-institutional collaboration; Bridge to AI program context
<https://news.virginia.edu/content/59-million-grant-support-uva-research-use-ai-health-care>

UVA School of Nursing on Williams Shannon Fellowship — 2023 three-year Mid-Career Fellowship, equity-focused AI work, Animating Alzheimer's
<https://nursing.virginia.edu/news/williams-shannon-fellow/>

UVA School of Nursing on Williams GRITS Award — Southern Gerontological Society's highest honor, April 2025, Baernholdt praise
<https://nursing.virginia.edu/news/ishan-williams-gerontology-award/>

UVA School of Nursing — Williams full profile including research areas, AAN and GSA Fellow status, Journal of Applied Gerontology editorship, SGS presidency 2019-2020
<https://nursing.virginia.edu/people/icw8t/>

UVA School of Nursing — Jessica Keim-Malpass full profile with publications, grants, and research program
<https://nursing.virginia.edu/people/jlk2t/>

UVA SOM Department of Public Health Sciences — Keim-Malpass profile with joint Pediatrics appointment
<https://med.virginia.edu/advanced-medical-analytics/our-people/jessica-keim-malpass-phd-rn/>

UVA School of Nursing on Keim-Malpass AAN Fellow induction — October 2022, predictive model development for clinical deterioration
<https://nursing.virginia.edu/news/malpass-faan/>

UVA School of Nursing on Keim-Malpass NAM Scholar in Diagnostic Excellence — 2021 inaugural class, sepsis economic framework focus
<https://www.nursing.virginia.edu/news/nam-scholar-diagnostic-excellence/>

UVA School of Nursing on CoMET RCT — Keim-Malpass and Bourque trial across UVA Health's fourth floor; \$600K Frederick Thomas bequest
<https://nursing.virginia.edu/news/keim-malpass-comet/>

UVA Health newsroom on CoMET — continuous monitoring on COVID units, COVID-unit deployment, Keim-Malpass published IJNSA paper
<https://newsroom.uvahealth.com/2021/01/25/uva-artificial-intelligence-watching-covid-patients/>

UVA School of Nursing "Nurses at the Big Data Table" — Keim-Malpass THRIV grant, nurses' integration into predictive modeling
<https://www.nursing.virginia.edu/news/malpass-thriv-grant/>

UVA School of Nursing on Virginia LeBaron Moore Fellowship — \$450K Moore Fellowship 2023, CommSense refinement; BESI-C context

<https://nursing.virginia.edu/news/lebaron-moore-fellowship-commsense/>

UVA School of Nursing on LeBaron cancer pain NIH grant — \$3.4M NIH/NINR four-year grant 2021, BESI-C system description

<https://nursing.virginia.edu/news/lebaron-cancer-pain-nih/>

UVA School of Nursing on CommSense — smartwatch prototype, cross-school team (Nursing/Medicine/Engineering), Flickinger, Ling, Barnes, Boukhechba, Edwards, Lee, Wang

<https://nursing.virginia.edu/news/lebaron-commsense/>

UVA School of Nursing on BESI-C origins — Lach and Blackhall collaboration, 2018 seed funding, wireless sensing pilot

<https://nursing.virginia.edu/news/wearable-tech-manages-cancer-pain/>

UVA Today on CommSense — cross-school smartwatch team, pilot funded by Engineering in Medicine Seed Pilot Program

<https://news.virginia.edu/content/watch-your-words>

LeBaron full profile with TECC Lab description, research areas, publications

<https://nursing.virginia.edu/people/vtl6k/>

UVA School of Nursing on new endowed professors — LeBaron Kluge-Schakat Professor in Compassionate Care appointment, June 2022 BOV action

<https://nursing.virginia.edu/news/new-endowed-profs/>

UVA School of Nursing — Healthcare Technology Research Area of Excellence page with LeBaron, Mitchell, Chu, Gibson, Williams, Jones roster and research area summaries

<https://nursing.virginia.edu/research/faculty-research/healthcare-technology-research-area-excellence/>

UVA School of Nursing — Faculty Research overview, three Research Areas of Excellence, Distinguished Majors Program

<https://nursing.virginia.edu/research/faculty-research/>

UVA School of Nursing Research page — research areas of excellence summary

<https://nursing.virginia.edu/research/>

UVA School of Nursing Office for Nursing Research — intramural funding opportunities, iTHRIV resources, grant-discovery infrastructure

<https://nursing.virginia.edu/research/onr/>

9.

Unit 9. School of Education and Human Development

KEY SIGNALS

EHD's AI footprint is substantially deeper than v1 captured. The school co-chaired the University-wide GenAI in Teaching and Learning Task Force (Natasha Heny with Andrew Pennock, Batten) in Spring 2023, and the Spring 2023 town-hall grouping placed EHD with Architecture, Batten, and Nursing. Two faculty anchor a federal AI-research grant portfolio that exceeds \$11 million in active OSEP, IES, NSF, and Gates Foundation funding: Michael J. Kennedy (STORMED Lab Director; UVA Faculty Senate Chair 2023–24; UVA Faculty Representative to the Board of Visitors 2024–25; Grand Marshal Summer 2025) leads Project AI-BOOST (\$1.875M OSEP, 2024–2029, with Aidong Zhang from Engineering/CS as co-PI), Project MOSAIC (OSEP, 2023–2028), Project S4 (\$2.5M OSEP, 2020–2024), Project VIDEO (\$1.4M OSEP, 2020–2024), and Project FRaME (\$1.4M IES/NCSE, 2020–2024). Jennifer Chiu (Associate Professor; Co-Director, Global Center for Equitable Computer Science Education; UVA Shannon Faculty Fellow) leads the \$5.25M VA Department of Education UVA Innovation Hub Lab School (2024–2028 with Dean Rowley as co-PI), the \$1.3M NSF Roversa Robot project, the \$3M NSF Water Resource Challenge, and the \$830K NSF TRACES AI-tool sub-award. Peter Youngs (Department Chair, Curriculum, Instruction & Special Education) leads the AI2S Gates Foundation grant (\$1.4M, 2024) with Scott Acton (Engineering ECE Chair) as co-PI, with three peer-reviewed AI-classification papers in the *Journal of Learning Analytics*, *Computers and Education: Artificial Intelligence*, and *IEEE TPAMI* in 2024. Dean Stephanie Rowley chairs the University-wide search for the next EVP and Provost as of January 2026.

The School of Education and Human Development offers undergraduate, master's, doctoral, and certificate programs and holds a top-10 U.S. News graduate-school-of-education ranking. Stephanie J. Rowley, William R. Kenan Jr. Professor of Education, has served as Dean since July 2022, succeeding Robert Pianta (15-year deanship). Rowley earned her MA (1995) and PhD (1997) in developmental psychology from UVA's Graduate School of Arts & Sciences and previously served as Provost, Vice President for Academic Affairs, and Dean at Teachers College, Columbia University. EHD's AI activity centers on applying AI to educational practice — teacher training, classroom observation, learning analytics, and special-education multimedia design — rather than on AI as a standalone research subject.

<https://education.virginia.edu/about/directory/stephanie-rowley>

<https://education.virginia.edu/about/leadership>

<https://education.virginia.edu/explore-by-topic/artificial-intelligence-and-technology>

9.1 Governance & Policy

GenAI in Teaching and Learning Task Force Co-Chair (Heny)

Natasha Heny, Associate Professor at EHD, co-chaired the University-wide GenAI in Teaching and Learning Task Force with Andrew Pennock (Batten). The Task Force was formed Spring 2023 by then-Provost Ian Baucom and appointed by then-Vice Provost for Academic Affairs Brie Gertler. The Task Force surveyed 504 students and 181 faculty and produced a key finding that 77% of student respondents said instructors did not make AI policies clear. The Task Force ran six virtual town halls organized by school grouping; EHD was grouped with Architecture, Batten, and Nursing for one of those sessions. The Task Force report was published in summer 2023; EHD's role placed the school at the center of UVA's first institutional response to generative AI.

<https://provost.virginia.edu/subsite/genai/task-force-report>

<https://news.virginia.edu/content/task-force-convene-conversations-artificial-intelligences-teaching-learning-impacts>

No School-Level AI Policy

No EHD-specific AI policy was identified in available sources. Faculty operate under Faculty Handbook Section 3.3.14 (the University-wide GenAI codification, renumbered from 3.3.15 in the 2025–26 edition), the VP for Research Reminder on Research Integrity and Use of AI, and IRM-002. Course-level AI policies are at faculty discretion, consistent with the institution-wide default. EHD is one of nine schools whose faculty are eligible for the Faculty AI Guides Program (the School of Medicine is the only categorically excluded school).

Provost Search Committee Chair

Dean Rowley agreed to serve as chair of the University-wide search for the next EVP and Provost following Beardsley's appointment as the 10th President in January 2026. The provost role has been open since Baucom accepted the presidency of Middlebury in spring 2025; Brie Gertler has served as Interim Provost. Rowley's chairmanship places EHD at the center of the next academic leadership transition, with the provost selection expected by March 2026.

<https://news.virginia.edu/content/news-brief-uva-announces-update-provost-search>

9.2 People

Dean

Stephanie J. Rowley, PhD — Dean since July 2022; William R. Kenan Jr. Professor of Education. BA University of Michigan (1992, honors psychology and African American studies, distinguished honors); MA UVA (1995); PhD developmental psychology UVA (1997). Prior: Provost, Vice President for Academic Affairs, and Dean at Teachers College, Columbia University; nearly 20 years at the University of Michigan where she served as Associate Vice President for Research for Social Science, Arts and Humanities; Interim Chair of Psychology; Chair of the Combined Program in Education and Psychology. Co-PI on the \$5.25M UVA Innovation Hub Lab School project (2024–

2028) with Chiu. Chairs UVA's EVP and Provost search committee as of January 2026. Research: parents, teachers, and peers in shaping young people's identities and worldviews.

<https://education.virginia.edu/about/directory/stephanie-rowley>

<https://news.virginia.edu/content/uva-alumna-announced-dean-school-education-and-human-development>

Faculty (AI Research Anchors)

Michael J. Kennedy, PhD — Associate Professor of Special Education; Director of the STORMED Lab (Supporting Teachers through cOaching, obseRvations, and Multimedia to Educate students with Disabilities); UVA Faculty Senate Chair (2023–24); UVA Faculty Representative to the Board of Visitors (2024–25); Grand Marshal for formal academic events at UVA (Summer 2025). Co-Editor, *Journal of Special Education Technology*. PhD University of Kansas (2011); M.Ed. University of Delaware (2007); MA Michigan State (2004); BA Ithaca College (1998). Prior: high school special-education teacher (six years) and elementary teacher (three years). Inaugural winner (2013) of the Institute for Education Sciences Early Career Research and Mentoring Grant. 2021 TED/Pearson Excellence in Teacher Education Award. UVA Alumni Board of Trustees Award for excellence in university teaching (2015). Two-time Outstanding Faculty Award nominee (SCHEV). Has received over \$16 million in total awards. Three OSEP Stepping Up Technology Implementation grants totaling \$6.75 million. Over 70 peer-reviewed publications. Working on the Presidential line for the Higher Education Consortium for Special Education (HECSE).

<https://education.virginia.edu/about/directory/michael-j-kennedy>

<https://education.virginia.edu/research-initiatives/research-centers-labs/research-labs/supporting-teachers-through-coaching-observations-and-multimedia-educate-students-disabilities>

Jennifer L. (Jennie) Chiu, PhD — Associate Professor; Co-Director, Global Center for Equitable Computer Science Education (UVA/WISE/Universidad del Norte, 2023–present); UVA Shannon Faculty Fellow (second cohort). PhD University of California, Berkeley (2010); MA UC Berkeley (2007); BS Stanford (2000). Prior: Hewlett Packard product engineer (2000–2001); high school math and science teacher (Tulsa, 2001–2003); Research Assistant, UC Berkeley Graduate School of Education (2004–2010). At UVA since 2010 (Assistant Professor 2010–2017; Associate Professor 2017–present). Research: technology-enhanced environments to engage students in science, engineering, mathematics, and computational fields; equitable STEM+CS classroom experiences. Subject of multiple EdLab Podcast episodes including "Closing the Tech Gap." External role as Head of Education & Learning at Mulholland.ai.

<https://education.virginia.edu/about/directory/jennifer-chiu>

<https://sites.google.com/view/jenniechiu/cv>

<https://education.virginia.edu/news-stories/news-brief-associate-professor-chiu-named-uva-shannon-faculty-fellow>

Peter Youngs, PhD — Professor; Department Chair, Curriculum, Instruction, and Special Education. PhD University of Wisconsin-Madison (2003). PI on AI2S (Artificial Intelligence for

Advancing Instruction at Scale), the \$1.4M Bill & Melinda Gates Foundation grant. Co-Editor, forthcoming second volume of the *Handbook of Education Policy Research*. Affiliated with EdPolicyWorks. AERA Division K (Teaching and Teacher Education) Early Career Award (2012). Co-investigator on Project FRaME (with Kennedy, Nagro, Hirsch). Three peer-reviewed AI-related publications in 2024 (*Computers and Education: Artificial Intelligence*, *Journal of Learning Analytics*, and *IEEE Transactions on Pattern Analysis and Machine Intelligence*).

<https://education.virginia.edu/about/directory/peter-youngs>

Natasha Heny — Associate Professor; co-chair, GenAI in Teaching and Learning Task Force (with Andrew Pennock, Batten). Heny's research focuses on English-teacher preparation; she has framed her interest in AI as "how AI applications may make her students' lives easier and make their teaching better."

Jieun Lee — Faculty hire, 2025. Research: AI-enhanced multimodal learning analytics in STEM for K-12 students from multicultural, multilingual, and marginalized communities. Position aligned with the school's growth in computational and equity-focused learning sciences.

Kazlin Mason, PhD, CCC-SLP — Director, Imaging & Communication Outcomes Lab (iCO). Research: MRI/fNIRS imaging, 3D computer visualization, machine learning, and predictive analytics for craniofacial outcomes. iCO is one of the school's five AI-tagged research labs.

Brendan Bartanen — Assistant Professor of Education (Education Leadership, Foundations & Policy); Assistant Professor of Public Policy by Courtesy at Batten. Research: educator labor markets. Cross-affiliation with Batten places Bartanen in both Unit 09 and Unit 10 dossiers, with Education as the primary appointment.

STORMED Lab Personnel

Rachel Kunemund, PhD — Co-Lead of the STORMED team; manages the Project S4 OSEP grant; co-PI on the newly funded Project VERIFY Stepping Up Technology Implementation grant. Former special-education teacher; former scholar with the National Center for Leadership in Intensive Interventions (Vanderbilt). PhD, MEd, BS from Virginia Commonwealth University. Research: early student-teacher relationships, intervention for students with chronic problem behavior.

Olivia Coleman — Member, STORMED team (Project AI-BOOST, Project MOSAIC).

Connor Powell — Member, STORMED team (Project AI-BOOST).

Danielle A. Waterfield — PhD student; co-advised by Bryan Cook and Michael Kennedy; STORMED Lab member; Special Education Research Accelerator (SERA) contributor. Former middle and elementary special-education teacher in Virginia and Louisiana.

STEM Education Research Group (SERG) and Related Faculty

Jennifer Maeng, PhD — Research Associate Professor; co-PI on the Roversa Robot \$1.3M NSF grant (with Chiu); collaborator on Project AI-BOOST and Project MOSAIC.

Jessica Whittaker, PhD — Research Associate Professor; co-PI on the Roversa Robot \$1.3M NSF grant.

William J. Therrien, PhD — Co-PI on Project S4 (with Kennedy and Chiu).

Bryan Cook, PhD — Special Education Research Accelerator (SERA) PI; co-advisor for STORMED PhD students; collaborator on multiple Kennedy/Chiu/Therrien grants.

Sarah Hirsch, PhD — Clemson University; partner co-PI on Project FRaME with Kennedy.

Sarah Nagro, PhD — George Mason University; partner co-PI on Project FRaME with Kennedy.

Camilo Vieira — Universidad del Norte (Colombia); co-PI on the Global Center for Equitable Computer Science Education with Chiu (originated through a Fulbright collaboration).

Kim Wilkens — STEM education collaborator; co-PI on multiple Chiu projects including the 2026 "From Algorithms to Empowerment" Digital Pets youth-mental-health grant.

Eric Bredder — PhD student; co-author on the Roversa Robot work.

Aidong Zhang (Engineering/SDS Cross-Affiliation Note)

Aidong Zhang (Thomas M. Linville Professor in Computer Science, Biomedical Engineering, and Data Science) is co-PI on Project AI-BOOST with Kennedy. Zhang's primary appointment is in Engineering; her cross-school role on the AI-BOOST team places EHD-Engineering AI collaboration as one of the most significant AI research bridges at UVA, alongside the Youngs-Acton AI2S partnership.

9.3 Teaching & Curriculum

EHD AI-Tagged Academic Programs

The School lists five AI-tagged academic programs on the "Artificial Intelligence and Technology" topic page:

- **Instructional Design & Technology Certificate (Online)** — graduate certificate for educational technology practitioners across K-12, higher education, government, corporate, and non-profit organizations.
- **Mathematics Education MT** (Master of Teaching).
- **Quantitative Analytics in Education and Social Sciences MEd.**
- **Research, Statistics & Evaluation PhD** — preparing scholars for careers with large data sets.
- **Science Education MT.**

AI-specific course content within these programs is at faculty discretion and not detailed in available sources.

EHD AI-Tagged Research Labs

The School's "Artificial Intelligence and Technology" topic page identifies five research labs:

1. **Engineering Design Initiative** — K-12 engineering design integration.
2. **Simulation Lab (SimLab)** — Mursion mixed-reality partnership since 2016; virtual school spaces with student and adult avatars for teacher training.
3. **STEM Education Research Group (SERG)** — STEM and CS

learning experiences for inclusive and responsive practice. 4. **STORMED Lab** — Kennedy-directed special-education multimedia research, encompassing Projects AI-BOOST, MOSAIC, S4, VIDEO, FRaME, COACHED, and others. 5. **Imaging & Communication Outcomes Lab (iCO)** — Mason-directed; ML, MRI/fNIRS imaging, 3D computer visualization, predictive analytics for craniofacial outcomes.

Mursion Mixed-Reality Simulation Partnership

EHD has partnered with Mursion since 2016 for mixed-reality simulation using virtual school spaces with student and adult avatars. The simulation experiences are used to test the efficacy of teacher and leader training and predate the generative-AI surge by seven years. The partnership represents EHD's longest-running AI-adjacent technology investment.

Lab School (UVA Innovation Hub Lab School)

The UVA Innovation Hub Lab School is a \$5.25 million Virginia Department of Education grant (2024–2028) co-led by Dean Rowley and Chiu, building on a \$200K planning grant (2023–2024) led by Rowley with Chiu, McGraw, and Van Hover as co-PIs. The Lab School is in partnership with Charlottesville Schools and aims to pilot new models for teaching computer science and integrating AI tools into K-12 classrooms.

<https://education.virginia.edu/news-stories/uva-charlottesville-schools-partner-lab-school-project>

Global Center for Equitable Computer Science Education (Chiu)

Chiu co-directs the Global Center for Equitable Computer Science Education (UVA/WISE/Universidad del Norte). The Center coordinates Chiu's CS education work spanning Charlottesville, southwest Virginia, and Colombia, with associated grants from the UVA Center for Global Inquiry and Innovation, the Longview Foundation, NSF, and 4-VA. The Roversa Robot project, the Water Resource Challenge, and TRACES are organized through this Center.

EdLab Podcast Episodes on AI

The EdLab Podcast (EHD-produced) has aired multiple AI-focused episodes:

- **"What is AI Literacy and How Can We Improve It?"** — broad introduction.
- **"Closing the Tech Gap"** — Chiu (first season opener) on engaging students in science and math through technology.
- **"Closing the Ed Tech Gap"** — Chiu on AI-based technologies augmenting teachers' classroom abilities.
- **"Leveraging AI to Reduce Teachers' Mental Load"** — Kennedy (July 2025) on using generative AI to lower cognitive overload for teachers.

Host: Audrey Breen.

<https://education.virginia.edu/news-stories/edlab-podcast-leveraging-ai-reduce-teachers-mental-load>

<https://education.virginia.edu/news-stories/edlab-podcast-closing-tech-gap>

CTE Faculty AI Guides Eligibility

EHD faculty are eligible for the Faculty AI Guides Program, the joint EVP/Provost and CTE program providing \$5,000 one-year appointments. EHD is among nine eligible schools (the SOM MD Program is excluded categorically). Whether EHD has named Faculty AI Guides for AY 2025–26 is not consistently documented in available sources.

9.4 Tools & Technology

AI2S (Artificial Intelligence for Advancing Instruction at Scale)

AI2S is the Youngs-Acton AI tool for analyzing classroom mathematics instruction. The system uses synchronized video and audio analysis to evaluate classroom dynamics including teacher-student dialogue quality, cognitive rigor of lessons, and instructional patterns. The model is trained using classroom videos hand-coded by trained human experts. The team is partnering with Edthena (R3 Collaboratives) and its founder Adam Geller to integrate AI2S into Edthena's "AI Coach" conversational coaching platform. Pilot deployment with a small cohort of teachers began in 2025–26; wider release is planned for 2026–27. Initial focus: elementary mathematics instruction; future applications to English, history, and science.

<https://news.virginia.edu/content/uva-researchers-calculate-better-way-teach-math>

<https://engineering.virginia.edu/news-events/news/uva-engineering-and-education-researchers-leverage-ai-improve-classroom-teaching>

Project MOSAIC (Multimedia Vocabulary System Leveraging AI)

Project MOSAIC (2023–2028) is the Kennedy-led OSEP-funded multimedia vocabulary system that leverages AI to support teachers in vocabulary instruction. Co-PIs: Chiu, Scott, Hall, Kunemund, Coleman. The project intersects with the broader STORMED Lab portfolio targeting evidence-based practices in special education.

Project AI-BOOST (Artificial Intelligence-Based Optimization of Math and Science Teaching)

Project AI-BOOST (2024–2029, \$1,875,000 OSEP) extends Kennedy's STORMED work into elementary mathematics and science teaching. Co-PIs: Aidong Zhang (Engineering/CS), Kunemund, Coleman, Powell. The grant is one of the few formally cross-school AI grants at UVA spanning Education and Engineering with explicit AI in the project name.

TRACES (NC State Sub-Award)

TRACES is the AI tool Chiu is co-developing with NC State and Georgia Tech for middle school science teachers, supported by an \$830K UVA sub-award of a \$2.5 million NC State NSF grant. The project involves teachers in co-designing the AI tools to "peer into the black box" of AI.

Roversa Robot (Low-Cost Adaptive Robotics)

The Roversa Robot is a low-cost, adaptable computing device for K-12 computer-science education, supported by a \$1.3 million NSF grant (Chiu PI, 2024–2028) with co-PIs Maeng, Kennedy, and

Whittaker. Industry partners: BirdBrain Technologies and OnShape. The project will engage 1,700 students in computer science and is implemented in urban and rural elementary and middle school classrooms in Virginia.

<https://education.virginia.edu/news-stories/news-brief-expanding-robot-research-13m-grant>

Water Resource Challenge

The Water Resource Challenge is a \$3 million NSF computer-modeling project (Chiu PI) developing technologies that allow students and teachers to build computational models of school yards for water-runoff design. Partners: Vanderbilt, Digital Promise, and SRI International. Deployments: California (drought), Tennessee (flood plains), and southwest Virginia. Reaches 18 teachers and up to 4,800 students.

Mursion Mixed-Reality Simulation

Mursion's mixed-reality teacher-training platform has been in use at EHD since 2016 (see 9.3 for context). The Mursion partnership represents EHD's earliest investment in AI-adjacent immersive technology.

Cross-School Wearable AI Tools

EHD faculty participate in the BESI-C (LeBaron, School of Nursing/SOM/Engineering) and CommSense (LeBaron, Flickinger, Ling, Barnes, Boukhechba) projects through cross-school collaboration. Primary attribution for these tools is Nursing (Unit 08); EHD's connection is through the cross-school Engineering in Medicine and AI-tools-for-education research overlap.

UVA Copilot and Enterprise Tools

EHD faculty and students access UVA Copilot Chat through central UVA ITS. The Library-managed Consensus enterprise license is available. The Faculty Handbook 3.3.14 advisory framework applies.

9.5 Research & Scholarship

AI2S Gates Foundation Grant (\$1.4M, 2024)

The Bill & Melinda Gates Foundation awarded a \$1.4 million grant in December 2024 to the AI2S project (Youngs PI, Acton co-PI). The work has produced three peer-reviewed publications:

- Foster, J. K., Korban, M., Youngs, P., Watson, G. S., & Acton, S. T. (2024). Automatic classification of activities in classroom videos. *Computers and Education: Artificial Intelligence*, 6, 100207.
- Foster, J. K., Youngs, P., van Aswegen, R., Singh, S., Watson, G., & Acton, S. (2024). Automated classification of elementary instructional activities: Analyzing consistency of human annotations. *Journal of Learning Analytics*, 11(3), 142–159.
- Korban, M., Youngs, P., & Acton, S. (2024). A semantic and motion-aware spatiotemporal transformer network for action detection. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 46(9).

Jonathan Foster (now SUNY Albany Assistant Professor of Mathematics Education; previously at UVA) is a continuing collaborator on the post-Gates pilot phase.

Project AI-BOOST (\$1,875,000 OSEP, 2024–2029)

Kennedy (PI) with Aidong Zhang (Engineering/CS), Kunemund, Coleman, and Powell. Targets AI-based optimization of mathematics and science teaching for students with disabilities. Cross-school AI-research collaboration with Engineering.

Project MOSAIC (OSEP, 2023–2028)

Kennedy (PI) with Chiu, Scott, Hall, Kunemund, and Coleman. Targets multimedia vocabulary instruction leveraging AI for special-education contexts.

Project S4 (\$2,496,450 OSEP, 2020–2024)

Kennedy (PI) with Chiu and Therrien. Stepping Up Technology Implementation grant supporting elementary science success through multimedia learning and teacher professional development. Grant number H327S190004.

Project VIDEO (\$1,408,926 OSEP, 2020–2024)

Kennedy (PI) with Hoffman, Cook, and Solari. "Virginia Intensification for Individuals with Dyslexia who need Explicitness and Ongoing Tiered Supports" — funded scholars enroll in UVA's post-graduate masters of teaching program leading to special-education licensure or speech-language pathology training. Grant number H325K190048.

Project FRaME (\$1,399,756 IES/NCSER, 2020–2024)

Kennedy (PI) with Nagro (GMU), Hirsch (Clemson), and Youngs. "Using Feedback, Reflection, and Multimedia to teach evidence-based practices in classroom management." Grant number R324A200061.

Project VERIFY (newly funded OSEP Stepping Up)

Kunemund as co-PI with Kennedy. The newly funded Stepping Up Technology Implementation grant continues the STORMED Lab's evidence-based-practice multimedia line, extending into mathematics for elementary teachers.

UVA Innovation Hub Lab School (\$5.25M VA DOE, 2024–2028)

Rowley (Co-PI) and Chiu (Co-PI). Built on a \$200K planning grant (2023–2024) with McGraw and Van Hover as additional co-PIs. The Lab School is a partnership with Charlottesville Schools and is the largest single education-research grant currently active at the School.

Roversa Robot (\$1,300,000 NSF, 2024–2028)

Chiu (PI) with Maeng, Kennedy, Whittaker. Industry partners: BirdBrain Technologies, OnShape. "Supporting Elementary Students' Computer Science Skills and Interest through Engagement with Low-cost, Adaptable Robots." Reaches 1,700 students in Virginia.

Water Resource Challenge (\$3M NSF, multi-year, ongoing)

Chiu (PI) with co-PIs at Vanderbilt, Digital Promise, and SRI International. Computer modeling of water runoff in K-12 classrooms; deployments in California, Tennessee, and southwest Virginia.

TRACES (\$830K NSF sub-award)

Chiu (UVA sub-award PI) on a \$2.5 million NC State NSF grant. Three-year work with middle-school teachers co-designing AI tools for science instruction. Partners: NC State, Georgia Tech.

"From Algorithms to Empowerment" — Youth Mental Health Through Digital Pets (\$100K, 2026)

Zabek (PI), Wilkens, and Chiu (co-PIs). Funded by the UVA Thriving Youth in a Digital Environment Program. AI-mediated youth mental-health intervention through digital pet design.

Cross-Institutional MegaSoTL-AI Project (CTE Cross-Reference)

Jess Taggart (UVA CTE), Breana Bayraktar (GMU), and Dayna Henry (JMU) co-lead the MegaSoTL-AI Project — a 10+ sub-project Scholarship of Teaching and Learning effort focused on educators' and students' generative-AI experiences across UVA, GMU, and JMU. Funded by SCHEV in 2024. EHD-affiliated faculty contribute to specific sub-projects; primary attribution for the project is CTE/Provost (Unit 17).

Imaging & Communication Outcomes Lab (Mason)

Mason's iCO Lab applies machine learning, predictive analytics, and 3D computer visualization to MRI and fNIRS imaging data for craniofacial differences. iCO is one of EHD's five AI-tagged research labs and the most clinically applied of them.

Kennedy's High-Leverage Practices Workgroup

Kennedy serves on the national workgroup that wrote the High-Leverage Practices for Special Education in coordination with OSEP and the Council for Exceptional Children/CEEDAR Center. He is producing a video series on the High-Leverage Practices and has co-authored Council for Exceptional Children publications on practices including explicit instruction, intensive instruction, flexible grouping, and constructive feedback.

Faculty Senate Service (Kennedy)

Kennedy served as Chair of the UVA Faculty Senate (2023–24) and as the Faculty Representative to the UVA Board of Visitors (2024–25). He was named Grand Marshal for formal academic events at UVA in summer 2025. Whether this institutional weight has translated into AI-policy advocacy in the Faculty Senate is not separately documented, but Kennedy's BOV reporting role overlapped with the September 2025 BOV Academic and Student Life Committee meeting at which Gertler discussed AI@UVA strategy (see Part I, Section I).

9.6 Events & Programming

EdLab Podcast (Recurring Series)

The EdLab Podcast (host: Audrey Breen) is the school's primary AI-relevant programming series. Recent and ongoing AI-themed episodes include Chiu on "Closing the Tech Gap" (Season 1 opener),

Chiu on "Closing the Ed Tech Gap," Kennedy on "Leveraging AI to Reduce Teachers' Mental Load" (July 2025), and an episode "What is AI Literacy and How Can We Improve It?" Dean Rowley opened Season 2 with a discussion of school priorities.

GenAI Task Force Town Halls (Spring 2023)

EHD was grouped with Architecture, Batten, and Nursing for one of six virtual town hall sessions conducted by the GenAI Task Force in Spring 2023. Heny co-chaired the Task Force.

AAC&U Institute on AI, Pedagogy, and the Curriculum (Cross-Reference)

EHD does not have a named AAC&U Institute team member among the eight UVA participants (Andrew Kennedy and Jess Taggart from CTE; Emily Scida and Fang Yi from Learning Design and Technology; Bethany Mickel from Library; Heidi Nobles from Writing Across the Curriculum; Kim Acquaviva from Nursing; Spyridon Simotas from French). The absence is structurally notable given EHD's institutional weight in pedagogy.

EHD EdLines Newsletter

EHD's monthly newsletter EdLines is the school's primary written communication channel. Subscription is publicly available.

<https://education.virginia.edu/subscribe-edlines>

No Standalone EHD AI Conference

No standalone EHD-hosted AI conference, symposium, or research day was documented in available sources as of the snapshot date. EHD faculty participate in cross-school events (the GenAI Task Force town halls, the EdLab Podcast, the planned Lab School launch) rather than EHD-branded AI programming.

Gaps and Observations

EHD's AI footprint is application-oriented: AI as a tool for improving teaching, classroom observation, learning analytics, and evidence-based practice in special education — not AI as a subject of fundamental study. The school operates as one of UVA's most active AI-applied-research units, with a federal-grant portfolio that exceeds \$11 million in active OSEP, IES, NSF, Gates Foundation, and Virginia Department of Education funding. The portfolio is concentrated in three faculty (Kennedy, Chiu, Youngs) but spans seven multi-year projects, four cross-school AI collaborations (Engineering on AI2S and AI-BOOST; Engineering on Roversa; Engineering and SOM and Nursing on BESI-C/CommSense), and a roster of national academic and industry partners.

Heny's GenAI Task Force co-chairmanship in Spring 2023 placed EHD at the center of UVA's first formal institutional response to generative AI. The Task Force's report informed Faculty Handbook 3.3.14, the Provost's Guidance for Faculty and Students FAQ, and the AI Ambassadors program. EHD's institutional positioning on AI pedagogy was therefore shaped before Rowley's first year as Dean was complete, and the school's subsequent investment in faculty hires (Lee, 2025) and federal grants (AI2S 2024, AI-BOOST 2024–2029, Roversa 2024–2028) reads as continuation rather than departure.

The cross-school structure of EHD's AI grants is institutionally significant. AI2S pairs Youngs (Education Department Chair) with Scott Acton (ECE Chair) — two department chairs from different schools as co-PIs. AI-BOOST pairs Kennedy (Education special-education) with Aidong Zhang (CS/BME/Data Science) on an OSEP grant whose name explicitly includes "Artificial Intelligence." The Roversa Robot project pairs Chiu (Education) with industry (BirdBrain, OnShape) and four EHD co-PIs. These collaborations demonstrate that EHD's AI work runs through the technical-CS faculty in Engineering and SDS rather than around them.

The Lab School at \$5.25M is the largest single AI-adjacent investment at EHD, but its public AI framing is light. The project description emphasizes computer-science education and lab-school methodology rather than AI as such. Whether the Lab School will surface as a structured AI-curriculum site (analogous to the way the Charlottesville Schools partnership has surfaced for CS education) is not yet publicly documented.

Kennedy's institutional weight (Faculty Senate Chair 2023–24, BOV Faculty Representative 2024–25, Grand Marshal 2025) is the single most consequential personnel concentration outside the Provost's Office at the University level. The combination of a major AI grant portfolio (AI-BOOST, MOSAIC, S4, VIDEO, FRaME, VERIFY) with Faculty Senate and BOV roles places Kennedy as a candidate for a meaningful AI-policy voice in the Faculty Senate; whether he has played that role on AI specifically is not separately documented in available sources.

The Mursion partnership (since 2016) is one of UVA's longest-running AI-adjacent technology investments. Whether the Mursion virtual-school platform has incorporated generative AI into its student/adult avatars in the years since the GenAI surge began is not detailed in available sources. The seven-year head start on most other UVA technology partnerships positions Mursion as a candidate for case-study analysis if EHD chooses to surface it.

The Provost search committee chairmanship that Rowley accepted in January 2026 is procedurally significant. The next Provost will inherit responsibility for the AI Research Center, the Faculty AI Guides Program, the Standing Committee on AI, and the AI@UVA hub. Rowley's selection as chair gives EHD direct visibility into the Provost selection process at a moment when AI governance is one of the structural topics in play.

EHD's absence from the eight-member AAC&U Institute team (despite Acquaviva from Nursing, Mickel from Library, and Andrew Kennedy from CTE all being included) is structurally notable given the school's AI-pedagogy weight. Whether this reflects timing constraints, a deliberate composition choice, or simple absence of nomination is not publicly documented.

Cross-References

- **School of Engineering (Unit 2):** Scott Acton (ECE Chair) co-PI on AI2S Gates Foundation grant; Aidong Zhang (CS/BME/SDS) co-PI on Project AI-BOOST; engineering breakthroughs in human action detection and neural-network video analysis.
- **School of Data Science (Unit 3):** Aidong Zhang's tri-affiliation includes SDS; Chiu's Global Center for Equitable Computer Science Education has data-science methodology overlap.

- **Provost's Office & CTE (Unit 17):** Heny (EHD) co-chaired the GenAI Task Force with Pennock (Batten); Andrew Kennedy and Jess Taggart from CTE were AAC&U Institute team members; Rowley chairs the EVP/Provost search committee; Faculty AI Guides Program eligibility.
- **Batten School (Unit 10):** Pennock co-chaired GenAI Task Force with Heny; Bartanen has joint Education/Public Policy by Courtesy appointment at Batten.
- **School of Architecture (Unit 11):** AAC&U Institute team — same Spring 2023 town hall grouping with EHD, Architecture, Batten, and Nursing.
- **School of Nursing (Unit 8):** Same Spring 2023 GenAI Task Force town hall grouping; LeBaron's BESI-C and CommSense projects span Nursing/SOM/Engineering with educational-technology relevance.
- **School of Medicine & UVA Health (Unit 7):** Mason's iCO Lab applies ML to clinical (craniofacial) imaging; cross-school clinical-AI overlap.
- **DAHC launch (January 22, 2026):** EHD is one of six schools backing DAHC; the "AI/LLMs and ambient tools" and "imaging and physiologic signals" working groups are likely sites for EHD participation through Mason's iCO Lab.
- **ITS & CIO (Unit 15):** UVA Copilot access; central tenant; IRM-002 jurisdiction.
- **Library (Unit 14):** Bethany Mickel (Library) was AAC&U Institute team member; Library AI guidance flows to EHD students.
- **UVA Wise (Unit 18):** UVA Wise CTE offers EDU C305 "Empowering Educators with AI Tools" through Daniel Vanover; EHD's K-12 educator-preparation focus mirrors Wise's recertification course offering.
- **Part I, Section I (Governance Architecture):** Heny GenAI Task Force co-chairmanship; Kennedy Faculty Senate Chair (2023–24) and BOV Faculty Representative (2024–25); Rowley as EVP/Provost search committee chair.
- **Part I, Section III (Teaching & Learning Posture):** GenAI Task Force findings (77% student-policy clarity gap); Faculty Handbook 3.3.14; Faculty AI Guides Program; AAC&U Institute participation (Acquaviva from Nursing).
- **Part I, Section VIII (Infrastructure & Strategic Investment):** EHD's \$11M+ active AI-research grant portfolio (AI-BOOST, MOSAIC, S4, VIDEO, FRaME, VERIFY, AI2S, Roversa, Water Resource Challenge, TRACES, Lab School); these belong in Part I Section VIII alongside the existing CHoRUS, BRAVE, and other major research investments.

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<https://education.virginia.edu/about/leadership>

Stephanie Rowley faculty profile — biographical detail, prior Teachers College roles, UVA degrees, research areas
<https://education.virginia.edu/about/directory/stephanie-rowley>

UVA Today on Rowley appointment — succession from Pianta, Teachers College tenure, EHD strategic priorities
<https://news.virginia.edu/content/uva-alumna-announced-dean-school-education-and-human-development>

UVA News brief on Provost search update — Rowley named search-committee chair (January 2026)

<https://news.virginia.edu/content/news-brief-uva-announces-update-provost-search>

UVA EHD "Artificial Intelligence and Technology" topic page — five AI-tagged labs, five academic programs, Mursion partnership context

<https://education.virginia.edu/explore-by-topic/artificial-intelligence-and-technology>

Michael Kennedy faculty profile — STORMED Lab directorship, Faculty Senate Chair (2023–24), BOV Faculty Representative (2024–25), Grand Marshal (2025), \$16M+ in awards, three OSEP Stepping Up grants totaling \$6.75M, 2021 TED/Pearson Award, Sigma Xi induction

<https://education.virginia.edu/about/directory/michael-j-kennedy>

Michael Kennedy CV (December 2025) — full grant portfolio including AI-BOOST (\$1,875,000 OSEP, 2024–2029), MOSAIC (OSEP, 2023–2028), S4 (\$2.5M OSEP, 2020–2024), FRaME (\$1.4M IES, 2020–2024), VIDEO (\$1.4M OSEP, 2020–2024)

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STORMED Lab High-Leverage Practices page — Kennedy on national HLP workgroup with OSEP and CEC; HLP video series production

<https://education.virginia.edu/research-initiatives/research-centers-labs/research-labs/supporting-teachers-through-coaching-observations-and-multimedia-educate-students-disabilities/high-leverage-practices-special-education>

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<https://curry.virginia.edu/michael-j-kennedy>

Rachel Kunemund faculty profile — STORMED Lab co-lead, Project S4 management, Project VERIFY co-PI

<https://education.virginia.edu/about/directory/rachel-kunemund>

Danielle Waterfield faculty profile — co-advised by Cook and Kennedy, STORMED, SERA contributions, OSEP scholar

<https://education.virginia.edu/about/directory/danielle-waterfield>

Jennifer Chiu faculty profile — research areas, programs supported, related news including \$5.5M AI grants article

<https://education.virginia.edu/about/directory/jennifer-chiu>

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<https://education.virginia.edu/news-stories/news-brief-associate-professor-chiu-named-uva-shannon-faculty-fellow>

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<https://education.virginia.edu/news-stories/professor-chiu-and-colleagues-awarded-55m-support-teachers-unlocking-ai-expanding-computer-modeling>

UVA EHD on Roversa Robot \$1.3M NSF grant — Chiu PI, Maeng/Kennedy/Whittaker co-PIs, BirdBrain Technologies and OnShape partners, 1,700-student reach

<https://education.virginia.edu/news-stories/news-brief-expanding-robot-research-13m-grant>

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<https://education.virginia.edu/news-stories/edlab-podcast-closing-tech-gap>

EdLab Podcast — Leveraging AI to Reduce Teachers' Mental Load (Kennedy, July 2025) on cognitive overload reduction with generative AI

<https://education.virginia.edu/news-stories/edlab-podcast-leveraging-ai-reduce-teachers-mental-load>

Peter Youngs faculty profile — neural networks for classroom video classification, Curriculum Instruction & Special Education chairmanship, EdPolicyWorks affiliation, Project FRaME and VERIFY participation

<https://education.virginia.edu/about/directory/peter-youngs>

Peter Youngs CV (July 2025) — three peer-reviewed AI-classification papers (2024) in Computers and Education: AI; Journal of Learning Analytics; IEEE TPAMI; AERA Division K Early Career Award (2012)

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<https://education.virginia.edu/news-stories/uva-education-and-engineering-researchers-leverage-ai-improve-classroom-teaching>

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Provost GenAI Task Force report

<https://provost.virginia.edu/subsite/genai/task-force-report>

Provost letter on the GenAI Task Force

<https://provost.virginia.edu/task-force-generative-ai-and-teaching-learning>

EHD EdLines newsletter — monthly EHD communication channel

<https://education.virginia.edu/subscribe-edlines>

UVA Teaching Hub Generative AI gallery — UVA-wide collections including Engineering, AI literacy, language teaching, statistics, assessment, special education accessibility

<https://teaching.virginia.edu/galleries/generative-ai>

10.

Unit 10. Frank Batten School of Leadership and Public Policy

KEY SIGNALS

Batten sits at the center of UVA's institutional AI response through four distinct channels. Andrew Pennock co-chaired the University-wide GenAI in Teaching and Learning Task Force with Natasha Heny (EHD), engaged 300 faculty across six town halls in Spring 2023, and produced the July 2023 report that shaped Faculty Handbook 3.3.14; he also received the 2025 All-University Teaching Award (nominated by Dean Solomon) and serves on the Executive Council of the UVA Faculty Senate. Jess Reia is Assistant Professor of Data Science (with Batten affiliation) and faculty co-lead of the Digital Technology for Democracy (DTD) Lab — a pan-University Grand Challenges Research Initiative administered through the Karsh Institute of Democracy — and was named a 2025 Andrew Carnegie Fellow (\$200,000 stipend) for research on anti-trans polarization and AI. Philip Potter serves as Executive Director of the National Security Data and Policy Institute (NSDPI), UVA's sixth pan-University institute, supported by a \$20 million competitive ODNI contract (see Unit 19 for primary detail). Margaret Foster Riley holds the rare tri-appointment at Batten, Law, and Medicine (School of Public Health Sciences), serves as Dorothy Danforth Compton Professor at the Miller Center, chairs UVA's Embryonic Stem Cell Research Oversight Committee, and serves as legal advisor to the Health Sciences Institutional Review Board; she sits on the NIH NExTRAC FACA committee advising the NIH Director on emerging biotechnologies. Batten's Summer 2026 co-location with the Karsh Institute in a new 65,000-square-foot Ivy Road facility will place the school physically adjacent to the DTD Lab's administrative home.

The Frank Batten School of Leadership and Public Policy, founded in 2007, offers undergraduate and graduate programs in public policy (BA, Accelerated BA+MPP, MPP, PhD). Ian H. Solomon has served as Dean since September 2019 and began a second five-year term in 2024. Solomon earned his AB from Harvard and JD from Yale Law; prior roles include Obama Senate legislative counsel, Obama administration U.S. Executive Director for the World Bank Group, and CEO of SolomonGlobal (a leadership development firm). Batten co-chaired Governor Abigail Spanberger's 2026 transition. The school maintains its Garrett Hall presence on the Lawn and will co-locate with the Karsh Institute of Democracy in a new 65,000-square-foot Ivy Road facility opening Summer 2026 (Batten occupying 17,500 square feet). Batten's AI footprint is concentrated in cross-school faculty roles (Pennock, Claibourn, Reia, Riley), institute-level leadership (Potter at NSDPI; Reia at DTD Lab), and research affiliations rather than in Batten-owned AI programs or governance infrastructure.

<https://batten.virginia.edu/people/ian-solomon>

<https://batten.virginia.edu/about/leadership>

<https://batten.virginia.edu/about/news/uva-reappoints-ian-solomon-dean-batten-school>

10.1 Governance & Policy

Pennock GenAI Task Force Co-Chairmanship (Spring 2023)

Pennock co-chaired the University-wide GenAI in Teaching and Learning Task Force with Heny (EHD), formed at then-Provost Ian Baucom's direction and led administratively by then-Vice Provost for Academic Affairs Brie Gertler. The Task Force conducted six virtual town halls in March–April 2023 engaging 300 faculty; surveyed 504 students and 181 faculty; found that 77% of student respondents said instructors did not make AI policies clear; and released its report in July 2023. The report shaped the Provost's Guidance for Faculty and Students FAQ, Faculty Handbook Section 3.3.14 (renumbered from 3.3.15 in the 2025–26 edition), the Faculty AI Guides Program, and the AI Ambassadors program.

Task Force members: Pennock (Batten, co-chair); Heny (EHD, co-chair); Gabrielle Bray (fourth-year student, Honor Committee chair); T. Kenny Fountain (Associate Professor of English; Director, Writing Across the Curriculum in A&S); Briana Morrison (Associate Professor, CS, Engineering); Reza Mousavi (Assistant Professor, Commerce, McIntire); Michael Palmer (Director, Center for Teaching Excellence).

Pennock's key report characterization: "starting this fall, student learning will take place in a world where AI is undetectable, ubiquitous, and transformative."

<https://provost.virginia.edu/subsite/genai/task-force-report>

<https://news.virginia.edu/content/task-force-convene-conversations-artificial-intelligences-teaching-learning-impacts>

https://uvamagazine.org/articles/no_ifs_and_or_bots_how_to_control_ai

Pennock All-University Teaching Award (2025)

Pennock received the 2025 All-University Teaching Award (one of nine UVA faculty honored), nominated by Dean Solomon. The award recognizes "exceptional dedication, passion, creativity, and equity" in teaching. Solomon's nomination statement cited Pennock's deep commitment to students, his leadership in the advancement of teaching at Batten, and his role as a model for innovative pedagogy. Pennock is also a 2023 Fulbright Scholar (IEDC–Bled School of Management, Slovenia) and a member of the Presidential Task Force on Teaching and Learning.

<https://batten.virginia.edu/about/news/pennock-wins-all-university-teaching-award>

Pennock Faculty Senate Executive Council

Pennock is an elected member of the Executive Council of the UVA Faculty Senate. The Executive Council is the Senate's governing body; Pennock's seat on it during the Spring 2023 Task Force period and after places Batten in direct reach of Faculty-Senate-level AI governance conversations. Michael

Kennedy (EHD) served as Faculty Senate Chair in 2023–24 and as Faculty Representative to the Board of Visitors in 2024–25; the EHD–Batten axis on the Faculty Senate is structurally notable.

No School-Level AI Policy

No Batten-specific AI policy was identified in available sources. Faculty operate under Faculty Handbook 3.3.14, IRM-002 (Acceptable Use of IT Resources), the VP for Research Reminder on Research Integrity and Use of AI, and University-wide guidance. Course-level AI policies are at faculty discretion. Batten is among nine schools whose faculty are eligible for the Faculty AI Guides Program.

10.2 People

Dean

Ian H. Solomon, JD — Dean since September 2019; second five-year term from 2024. BA Harvard (magna cum laude); JD Yale Law School. Career: Obama Senate legislative counsel; Obama administration U.S. Executive Director for the World Bank Group (unanimous Senate confirmation); McKinsey consultant; associate dean Yale Law School; vice president and lecturer in law University of Chicago Law School; founder/CEO SolomonGlobal (leadership and conflict resolution consultancy). Member: Council on Foreign Relations; Non-Resident Fellow on Africa at the Chicago Council on Global Affairs; Board of Visitors, National Defense University. 2012 World Economic Forum Young Global Leader. Co-chair of Governor Abigail Spanberger's 2026 transition committee.

<https://batten.virginia.edu/people/ian-solomon>

<https://news.virginia.edu/content/ian-solomon-named-dean-frank-batten-school-leadership-and-public-policy>

Primary AI-Active Faculty

Andrew "Andy" Pennock, PhD — Associate Professor of Public Policy; Faculty Director, MPP Orientation Program; Coordinator, Applied Policy Project; Elected Member, Executive Council of the UVA Faculty Senate; 2025 All-University Teaching Award recipient; 2023 Fulbright Scholar; Co-Chair, GenAI in Teaching and Learning Task Force (Spring 2023–July 2023 report). Prior: Brown University and University of North Carolina. Courses: Leadership in the Public Arena; Applied Policy Project I and II (MPP capstones); Virginia Politics and Policy (elective). Author: second edition of *The CQ Press Writing Guide for Public Policy*. Integrates AI into semester-long professional work products and demonstrates new AI tools to students weekly. Pennock's AI framing: "We're still looking to create citizen leaders, disseminate knowledge, provide excellent patient care through our courses — that core mission remains unchanged. What has changed is that there will now be additional AI tools students can use in many courses. We need to help them learn to use AI, ethically and effectively, both for the classroom and for life beyond UVA."

<https://batten.virginia.edu/resources/directory>

<https://batten.virginia.edu/about/news/pennock-wins-all-university-teaching-award>

Jess Reia, PhD — Assistant Professor of Data Science (UVA School of Data Science); Batten affiliation; Faculty Co-Lead, Digital Technology for Democracy (DTD) Lab; 2025 Andrew Carnegie

Fellow (\$200,000 stipend); Visiting Scholar, Fudan University (Shanghai); Non-Resident Fellow, Center for Democracy & Technology (Washington, DC); AI Fellow, NewCities; Advisor, Urban AI; Member, Coalition for Independent Technology Research. PhD and MA Communication Studies (Universidade Federal do Rio de Janeiro). Prior: Mellon Postdoctoral Researcher, McGill University; FGV Rio Law (Center for Technology and Society); MTL 24/24 Montreal Night Council (two-year mandate). Pronouns: they/them. Teaches courses for future data scientists on ethics, governance, and policy. AI-adjacent publications span four languages. Reia's 2025 Andrew Carnegie Fellowship project: "Building Bridges and Re-imagining Responses to Fight Anti-Trans Polarization in the U.S.," investigating the role of digital technologies — especially big data and AI models — in growing polarization around gender identity.

<https://batten.virginia.edu/people/jess-reia>

<https://datascience.virginia.edu/people/jess-reia>

<https://karshinstitute.virginia.edu/person/jess-reia>

<https://www.carnegie.org/awards/honoree/jess-reia/>

Michele Claibourn, PhD — Assistant Professor of Public Policy and Data Science (Batten); Affiliated Faculty, School of Data Science (courtesy); Director, Community-Centered Analysis, Center for Community Partnerships (formerly Director of Equitable Analysis, The Equity Center); Co-Director, Community Policy, Analytics, and Strategy Lab (CommPAS) with Paul Martin. PhD Political Science (University of Wisconsin-Madison); BA Political Science (Rice University). Prior: Political Science faculty at the University of Oklahoma and UVA; Weldon Cooper Center for Public Service; founder of UVA's StatLab; built and directed Research Data Services in the UVA Library. Batten courses: "Imagining Equitable Policy"; "Public Interest Data: Ethics and Practice." Previously co-taught "Saving Lives with Data" and the first Project First Gen+ course at UVA. Collaborations: UVA Legal Data Lab (developing anonymized court record data platform from Virginia Judiciary); UVA Environmental Institute (NSF Coastal Futures Grant — Eastern Shore climate equity atlas); UVA Humanitarian Collaborative (predictive analytics for humanitarian goals); Humanitarian Collaborative at Batten. Contributed to the Kyshia Henderson-led PNAS study on Confederate memorials and lynching (with Trawalter, Brown-Iannuzzi, and data scientist Samuel Powers).

<https://batten.virginia.edu/people/michele-claibourn>

<https://datascience.virginia.edu/people/michele-claibourn>

<https://mclaibourn.github.io/>

Philip Potter, PhD — Professor of Politics and Public Policy; Executive Director, National Security Data and Policy Institute (NSDPI); Founding Director, National Security Policy Center (NSPC, predecessor to NSDPI); INSCOM University Expert. Primary detail in Unit 19 (NSDPI). Potter's Batten appointment is the structural bridge between Batten and UVA's \$20 million ODNI-contracted NSDPI, which opened November 22, 2024 (ribbon-cutting at the Rotunda attended by DNI Avril Haines and Senator Mark Warner). NSDPI subawards flow to Biocomplexity (Madhav Marathe, Anil Vullikanti, Samarth Swarup) and to 2025 hire Peter Beling (SDS) for generative-AI research, resilient mission-aligned AI using LLMs and reinforcement learning, and mission engineering.

<https://batten.virginia.edu/potter-lead-new-national-security-data-and-policy-institute>

<https://news.virginia.edu/content/senator-intelligence-chief-join-uva-leaders-open-national-security-institute>

Margaret "Mimi" Foster Riley, JD — Professor of Law and Public Policy (Batten); Professor of Law (UVA School of Law); Professor of Public Health Sciences (UVA School of Medicine, secondary); Dorothy Danforth Compton Professor (Miller Center); Director, Animal Law Program (Law School); Chair, UVA Embryonic Stem Cell Research Oversight Committee; Legal Advisor, Health Sciences Institutional Review Board; Member, NIH NExTRAC FACA committee advising the NIH Director on emerging biotechnologies. BA Duke; JD Columbia. At UVA since 1992. Served on four National Academies committees: Revisions to the Common Rule for the Protection of Human Subjects; Assessing Toxicological Risks to Human Subjects; Clinical Research with Pregnant and Lactating Populations (chair, 2024); and another on care. Riley's biomedical AI ethics work is conceptually adjacent to her broader scholarship on food and drug law, genomics, biotechnology, and FDA regulation; specific AI-focused publications are cross-referenced in Unit 6 (Law) where Riley's primary AI teaching affiliation sits.

<https://batten.virginia.edu/people/margaret-foster-riley>

<https://millercenter.org/experts/margaret-foster-riley>

<https://www.law.virginia.edu/faculty/profile/mf9c/1202931>

Brendan Bartanen, PhD — Assistant Professor of Public Policy by Courtesy at Batten (primary appointment in Education and Human Development). Research: educator labor markets, principal and teacher turnover, measures of effectiveness, high-stakes evaluation systems, educator diversity. Cross-appointment enables Batten's public policy framing on education policy questions. Primary attribution in Unit 9 (EHD).

Justin Bullock — Public administration, AI, digital governance, and digital discretion. Archived Batten faculty page; status at UVA as of the snapshot date is not publicly documented. Research agenda touched on AI in public administration; historically one of Batten's most explicitly AI-focused scholarly voices.

Additional Batten Faculty with Light AI Adjacency

Eileen Chou, PhD — Associate Dean for Academic Affairs; Batten Family Bicentennial Teacher-Scholar Leadership Professor of Public Policy. Research: organizational, social, and psychological forces in organizational behavior. AI-adjacent only through behavioral-science-based policy-analysis work.

Sophie Trawalter, PhD — Professor of Public Policy and Psychology. Inaugural Batten Family Bicentennial Teacher-Scholar Leadership Professor. Co-author on the Kyshia Henderson PNAS Confederate memorials and lynching study.

Jazmin Brown-Iannuzzi, PhD — Associate Professor of Psychology and Public Policy. Researches why social group disparities persist; co-author on the Henderson PNAS study.

Kirsten Gelsdorf — Professor of Practice in Public Policy; Co-Director, UVA Humanitarian Collaborative. Humanitarian-sector experience includes Chief of Policy Analysis and Innovation at UN OCHA. Humanitarian Collaborative collaborates with Claibourn on predictive analytics for humanitarian goals.

Kimberly Jenkins Robinson, JD — Professor of Law, Education, and Public Policy. Educational equity and equal opportunity scholarship. Cross-appointed across Batten, Law, and Education.

Jennifer L. Lawless, PhD and **Paul Freedman, PhD** — Conducted the 2024 two-wave Karsh-Institute-partnered national election-experience survey with Hewlett Foundation support. Lawless's political participation scholarship is AI-adjacent via voter-behavior and media-influence inquiry.

10.3 Teaching & Curriculum

Pennock AI-Integrated Courses

Pennock integrates AI into his Applied Policy Project capstones (MPP I and II), where students produce semester-long professional work products for real-world clients. His classroom routine includes weekly demonstration of new AI tools as they emerge and discussion of how students are using AI for idea generation, editing, text generation, and outreach drafting. Pennock's framing to students emphasizes "ethical and effective" use rather than prohibition.

https://engagement.virginia.edu/learn/2023MTTS_ai

Claibourn "Public Interest Data: Ethics and Practice"

Claibourn teaches "Public Interest Data: Ethics and Practice" and "Imagining Equitable Policy" at Batten. Her courses bridge data science, ethics, and community-engaged analysis. Her earlier StatLab-based teaching included computational text analysis, applied causal inference, data wrangling, and machine learning.

Reia Ethics, Governance, and Policy Courses

Reia teaches courses for future data scientists on ethics, governance, and policy — including topics on urban data, digital rights, intellectual property, and research methods.

Riley Courses at Batten and Law

Riley teaches food and drug law, health law, animal law, bioethics, regulation of clinical research, and public health law at UVA Law. Her Batten courses operate in the ethics–health policy intersection. AI-specific content appears in her cross-appointment at Law and Medicine rather than in standalone Batten AI courses.

Public Service Pathways (Karsh Institute Cross-Reference)

Dean Solomon and Karsh Executive Director Melody Barnes co-teach a course that is a core requirement for UVA's Public Service Pathways program. The course is values-aligned leadership-oriented rather than AI-specific, but the Solomon–Barnes partnership is the most visible pedagogical bridge between Batten and Karsh.

Absence of Batten-Specific AI Courses

No Batten-originated AI-specific course was identified in available sources as of the snapshot date. Batten students access AI-specific content through the SCPS flagship "Teaching in a World with Generative AI" Canvas course, the McIntire Commerce Essentials GenAI Micro-Course (open to all UVA students), and through cross-listed Engineering/Law courses including Nachbar-Evans's joint LAW/CS AI and Machine Learning course (Unit 6) and Bertrall Ross's "Artificial Intelligence and Democracy" course through Karsh (Unit 6 primary, Unit 10 cross-reference).

10.4 Tools & Technology

UVA Copilot and Enterprise Tools

Batten faculty and students access UVA Copilot Chat through central UVA ITS. The Library-managed Consensus enterprise license is available. No Batten-specific AI tool deployments or procurement decisions were identified.

Data Tools Through Community Partnerships

Claibourn's CommPAS Lab work uses data-science and statistical tools to generate equity analyses — including the Virginia Evictors Catalog, the Reading Inequities sites, the Stepping Stones report on youth and community well-being, the Albemarle County Equity Profile, and the regional Orange Dot Report on family self-sufficiency. The tools are community-facing applications of data-science methodology rather than AI-specific deployments.

<https://communitypartnerships.virginia.edu/people/michele-claibourn>

10.5 Research & Scholarship

Digital Technology for Democracy (DTD) Lab

The Digital Technology for Democracy (DTD) Lab is a pan-University UVA Grand Challenges Research Initiative administered through the Karsh Institute of Democracy. The Lab is led by two faculty co-leads — Jess Reia (SDS/Batten) and Mona Sloane (SDS) — and operates an active postdoctoral fellowship program, faculty research grants, topical convenings, and research-practice partnerships. The Lab examines how digital technologies, especially AI, interact with democratic institutions. Affiliated faculty and fellows span all 12 UVA schools.

Recent DTD Lab postdoctoral fellows include Yasmin Curzi (Brazil, platform governance), Maria Lungu (AI in policing), M. C. Forelle, Yingchong Wang (environmental justice), and the 2024–2026 and 2025–2027 postdoctoral cohorts. Affiliated faculty include David Nemer (A&S, Media Studies) on Brazilian platform governance; Mona Sloane's Sloane Lab; and Reia as primary Batten-affiliated co-lead.

Key DTD Lab publications and convenings:

- Reia, J., Leach, R., & Li, S. (2025). *Trans Digital Rights: Improving Data Visibility, Privacy and Belonging for Gender-diverse Communities*. DTD Lab and UVA Center for Global Health Equity.
- Reia, J. et al. (2025). *The Use of Artificial Intelligence in Financial Services*. Policy brief prepared for the U.S. Department of the Treasury as part of the Diplomacy Lab program (April 2025).

- Reia, J., Forelle, M. C., & Wang, Y. (eds.) (2025). *Reimagining AI for Environmental Justice and Creativity*. DTD Lab.
- Brandusescu, A. & Reia, J. (eds.) (2022). *Artificial Intelligence in the City: Building Civic Engagement and Public Trust*. Centre for Interdisciplinary Research on Montreal, McGill University (published in English, French, and Spanish).
- *Co-Opting AI* series — 14+ episodes across topics (Geopolitics, Insurance, Kids, Libraries, Antiquity, Athletics, Anatomy, Architecture, Campaigning, Crime, Math, Cars, Origins, Debt, Museums, Privacy, Taxes).
- *Gender & Tech* series — 9+ episodes (Trans-inclusive Tech Governance, Digital Transformation, Dis/Misinformation & Political Extremism, Data Work, Technocapitalism, Platform Governance, Data Governance, Digital Colonialism, Immigration & Techno-Authoritarianism).
- *Visual Generative AI Propaganda Convening* — insights document.
- *The Algorithm: AI, Civil Rights, and the Workplace* — DTD Lab event and video.
- *Digital Democracy from Below* — keynote.
- *FLiNG Report* — young adults' financial well-being and AI-mediated financial products (Finfluencers, FinTech, FOMO).

<https://dtdlab.virginia.edu/>

<https://dtdlab.virginia.edu/about/>

<https://karshinstitute.virginia.edu/digital-technology-democracy-lab>

Jess Reia Andrew Carnegie Fellowship (2025)

Reia was named a 2025 Andrew Carnegie Fellow for the project "Building Bridges and Re-imagining Responses to Fight Anti-Trans Polarization in the U.S." The fellowship provides \$200,000 and is awarded by the Carnegie Corporation of New York. The project investigates the role of digital technologies — especially big data and AI models — in growing polarization around gender identity. The work extends Reia's Trans Digital Rights report (2025, with UVA Center for Global Health Equity) and broader transnational digital-rights agenda.

<https://www.carnegie.org/awards/honoree/jess-reia/>

National Security Data and Policy Institute (NSDPI)

NSDPI is the primary institutional vehicle for Batten-affiliated national-security AI research. The Institute opened November 22, 2024 with a ribbon-cutting at the Rotunda. Potter serves as Executive Director. Funding: \$20 million competitive ODNI contract. Biocomplexity subawards support CS and computational-epidemiology work (Marathe, Vullikanti, Swarup). 2025 hire Peter Beling (SDS) conducts generative-AI research specifically for NSDPI, including resilient mission-aligned AI using LLMs and reinforcement learning, mission engineering, test and evaluation, and predictive maintenance. Full detail in Unit 19.

<https://news.virginia.edu/content/senator-intelligence-chief-join-uva-leaders-open-national-security-institute>

<https://biocomplexity.virginia.edu/project/national-security-data-and-policy-institute>

Claibourn CommPAS Lab and Partnered AI-Adjacent Research

CommPAS (Community Policy, Analytics, and Strategy Lab) is a Batten-housed community-oriented research initiative that Claibourn co-directs with Paul Martin. Active partnerships include the UVA Legal Data Lab (anonymized court record data platform from the Virginia Judiciary), the UVA Environmental Institute (NSF Coastal Futures Grant for an Eastern Shore climate equity atlas), and the UVA Humanitarian Collaborative (predictive analytics for humanitarian goals). The Legal Data Lab collaboration is the most directly AI-adjacent, involving automated processing of court-record data.

Riley's Biomedical Research-Ethics Infrastructure

Riley's chairmanship of UVA's Embryonic Stem Cell Research Oversight Committee and her role as legal advisor to the Health Sciences IRB place her at the intersection of biomedical research ethics and the regulatory environment where AI-in-medicine tools are evaluated. The HSC IRB reviews all human subject research at UVA involving medically invasive procedures — including, implicitly, CAMA and CoMET research protocols and the clinical AI trials described in the Unit 7 dossier. Her NIH NExTRAC role on emerging biotechnologies covers AI-enabled biotechnologies including genomics and reproductive technologies.

Humanitarian Collaborative at Batten

The Humanitarian Collaborative, co-directed by Kirsten Gelsdorf and Lucy Bassett, is a Global Policy Center unit at Batten. Research partnerships with Claibourn include predictive analytics for humanitarian goals. The Collaborative's AI footprint is application-oriented rather than infrastructure-owned.

Other Research Centers at Batten

Center for Economic and Policy Studies (William Shobe, Director; based at Weldon Cooper Center for Public Service) — economic modeling, state economic forecasting.

Center for Effective Lawmaking — Batten–Vanderbilt partnership.

Center for Leadership Simulation and Gaming — applied-simulation methodology.

None of these centers have a publicly documented AI-specific research program as of the snapshot date.

10.6 Events & Programming

DTD Lab Events (Representative)

- **"The AI Con: How to Fight Big Tech's Hype and Create the Future We Want"** — April 21, 2026 (online, 6:30–8:00 PM EDT).
- **Co-Opting AI series** — ongoing; 14+ episodes across domains (see 10.5).
- **Gender & Tech series** — ongoing; 9+ episodes.

- **Reimagining AI for Environmental Justice & Creativity** — workshop (October 2024), essay collection (2025).
- **Digital Democracy from Below** — keynote.
- **FLiNG Report Launch** — on Finfluencers, FinTech, and FOMO.
- **Visual Generative AI Propaganda Convening** — summary insights document.
- **OGPA Postdoc Spotlight: Maria Lungu** — AI in policing.
- **Algorithm: AI, Civil Rights, and the Workplace** — event and video.

Full DTD Lab event schedule: <https://dtdlab.virginia.edu/events>

NSDPI Events (2026)

- **NSDPI Annual Conference 2026** — March 18–20, 2026, Boar's Head Resort. Featured: Robert B. Neller (USMC General), Bob Sharp (former NGA Director), Jack Wilmer, Neil Wiley, IQT, SIXGEN partners.
- **Intelligence Studies Consortium Spring 2026 Symposium** — March 24–25, 2026, Georgetown University School of Continuing Studies.

<https://nationalecurity.virginia.edu/events/nsdpi-annual-conference-2026>

Pennock's "More Than the Score" Lecture Series

Pennock presented "Artificial Intelligence: Teaching & Learning at UVA in an AI World" (hybrid) on November 4, 2023, as part of the More Than the Score lecture series. The lecture demonstrated ChatGPT-driven outline and draft generation for a paper on peer support groups in high schools addressing the mental health crisis.

https://engagement.virginia.edu/learn/2023MTTS_ai

https://uvamagazine.org/articles/no_ifs_and_or_bots_how_to_control_ai

Karsh Institute Events (AI-Adjacent Cross-Reference)

- **Democracy360** — Karsh's biennial flagship convening; inaugural fall 2023.
- **Touchstones of Democracy** series.
- **"Indigenous Democratic Traditions" workshops** (March 27, 2026).
- **Civic Cornerstone Fellowship** (formerly Student Dialogue Fellowship) — 400 students across all 12 UVA schools; 100% recommend rate; 86% reported improved ability to engage in political discussions; \$800K three-year Wake Forest Educating Character Initiative grant; expanding to UVA Wise and Bowdoin College in 2026. Directors: Stefanie Georgakis Abbott (Karsh Program Director) and Rachel Wahl (EHD Associate Professor; Director, Good Life Political Project). The Fellowship is not AI-specific but is the largest cross-school student convening program Batten students join at scale.

<https://karshinstitute.virginia.edu/civic-cornerstone-fellowship>

Alumni in AI-Related Federal Roles

Batten alumni in AI-relevant public sector roles:

- **Rodney Rhodes Jr.** — runs the AI Government Leadership Program at the Partnership for Public Service.
- **Saajid Hasan** — at the Department of Commerce, shapes AI frameworks and standards for international trade.

Both alumni cases are sources for AI-public-sector career visibility; neither represents a formal UVA partnership.

<https://batten.virginia.edu/about/news/policy-practice-alumni-share-lessons-field>

AI@UVA Public Sector Page

The Provost's AI@UVA hub maintains a dedicated AI and Public Service page. Summer 2025 online training for public-sector employees on ethical, strategic, and operational AI challenges was referenced on that page and is coordinated through the SCPS Public Sector AI Programs (Unit 12 primary).

<https://ai.provost.virginia.edu/ai-and-public-service>

Gaps and Observations

Batten's AI presence is defined by personnel and cross-school institutional affiliation rather than by school-owned infrastructure. The school does not have a Batten-specific AI policy, a Batten-hosted AI center, or a Batten-branded AI conference. What Batten has instead is personnel density at structurally significant positions across the University: Pennock on the Faculty Senate Executive Council (and formerly as GenAI Task Force co-chair); Potter as Executive Director of the \$20M-contract NSDPI; Reia as co-lead of the pan-University DTD Lab and a Carnegie Fellow; Claibourn with joint Batten/SDS appointments leading CommPAS and community-engaged data-science work; Riley as the only UVA professor holding the Batten/Law/Medicine tri-appointment with NIH NExTRAC national advisory service. The school is structurally wired into UVA's AI governance architecture at five distinct nodes.

The Karsh Institute co-location in Summer 2026 is the single most consequential pending change for Batten's AI posture. The new 65,000-square-foot Ivy Road facility places Batten (17,500 square feet) adjacent to the administrative home of the DTD Lab and the Karsh Institute of Democracy's programming and research infrastructure. Whether the co-location translates into formal DTD Lab research integration with Batten MPP curricula — or into a Batten-specific AI-policy course or certificate — is not publicly documented. The proximity to the School of Data Science (also at North Grounds) strengthens the structural case for Batten as UVA's primary AI-policy pedagogical home, but the programmatic uptake has not yet materialized.

Potter's NSDPI executive directorship is the single largest single-institute resource tied to a Batten faculty appointment. NSDPI sits inside UVA's national-security-AI conversation in a way Batten does not formally own — the primary NSDPI home is Unit 19, and Biocomplexity holds the compute infrastructure subaward. Potter's Batten residency is the structural conduit, but the institute's intellectual center of gravity is split between his Batten office and Beling's SDS office. The Batten dossier's NSDPI footprint is therefore attribution rather than ownership.

The DTD Lab's administrative home at Karsh Institute — not Batten — is a structural nuance worth attending. Reia holds a Batten appointment (per her Batten profile) and leads the DTD Lab, but the Lab is funded via UVA Grand Challenges Research Initiatives and administered through Karsh, with Sloane's SDS-based Sloane Lab as the other co-lead. The DTD Lab's pan-University scope means its outputs (Trans Digital Rights report, Co-Opting AI series, AI Con event, Reimagining AI for Environmental Justice) attach to Karsh in branding terms even when Batten faculty are the named authors. This split enables a larger combined AI-democracy footprint than either unit could produce alone but complicates school-level ownership attribution.

Justin Bullock's archived status is not publicly explained. Historically Bullock was Batten's most explicitly AI-focused scholarly voice — his research on AI in public administration, digital governance, and digital discretion was directly on the Batten mission. The archived status suggests a departure; whether Batten has filled the public-administration-AI niche with a subsequent hire is not publicly documented. In the interim, the school's public-administration AI framing is distributed across Pennock (policy pedagogy), Claibourn (community-engaged data science), and Reia (democracy-tech), none of whom is primarily a public-administration scholar.

Riley's AI-specific publications are not foregrounded in her Batten profile, although the NIH NExTRAC FACA role is AI-adjacent through its emerging-biotechnologies scope. Her primary AI teaching footprint sits at the Law School; the Batten dossier under-reports her AI-relevant work by comparison to Unit 6 (Law). Strengthening the Riley attribution at Batten would require cross-referencing specific publications, which are not consistently documented in available Batten-hosted sources.

Claibourn's move from The Equity Center (where she was Director of Equitable Analysis) to the Center for Community Partnerships (where she is Director of Community-Centered Analysis) is a structural shift that reflects a unit rebrand or succession at the equity-center level; her scholarly and community-facing agenda continues intact. The rebrand is worth noting for accurate attribution of the equity-analysis work across time.

The alumni-in-AI-federal-roles evidence (Rhodes at Partnership for Public Service; Hasan at Commerce) is suggestive of Batten's downstream impact on federal AI practice but is not backed by a systematic census. The available evidence is two identified alumni; a larger-scale survey of Batten graduates in AI-related federal roles is not publicly documented.

Cross-References

- **School of Data Science (Unit 3):** Reia's primary SDS appointment; Sloane Lab (DTD co-lead); DTD Lab pan-University scope; Claibourn's SDS courtesy affiliation; Peter Beling (SDS) NSDPI research.
- **School of Education and Human Development (Unit 9):** Heny co-chaired GenAI Task Force with Pennock; Bartanen joint Education/Batten appointment; Rachel Wahl (EHD) co-directs Civic Cornerstone Fellowship with Karsh; Michael Kennedy (EHD) served as Faculty Senate Chair 2023–24.

- **School of Law (Unit 6):** Riley's primary AI-teaching home; Bertrall Ross's "Artificial Intelligence and Democracy" course through Karsh; Thomas Nachbar co-teaches joint LAW/CS AI and Machine Learning with David Evans; Danielle Citron's LawTech Center.
- **School of Medicine (Unit 7):** Riley's secondary appointment in Public Health Sciences; HSC IRB legal advisor role.
- **NSDPI (Unit 19):** Potter as Executive Director; Biocomplexity subawards to Marathe, Vullikanti, Swarup; Beling's generative-AI research.
- **Biocomplexity Institute (Unit 13):** NSDPI subaward; Marathe leadership as Executive Director; AgAID and BRAVE connections.
- **Provost's Office & CTE (Unit 17):** Pennock GenAI Task Force co-chairmanship; AI@UVA hub; Faculty AI Guides Program (Batten-eligible); AAC&U Institute participation.
- **Miller Center (cross-reference):** Riley as Dorothy Danforth Compton Professor; Marc Silverstone's presidential-recordings LLM work.
- **Karsh Institute of Democracy (cross-reference):** DTD Lab administrative home; Civic Cornerstone Fellowship; Bertrall Ross "AI and Democracy" course; Summer 2026 Ivy Road co-location with Batten.
- **School of Continuing and Professional Studies (Unit 12):** Public sector AI programming; Leadership in GenAI Faculty Course; AI Training for Federal, State, and Local Government Employees.
- **McIntire School (Unit 5):** McIntire Commerce Essentials GenAI Micro-Course (open to all UVA students); Mousavi (McIntire) was GenAI Task Force member.
- **Part I, Section I (Governance Architecture):** Pennock–Heny GenAI Task Force co-chairmanship; Pennock on Faculty Senate Executive Council; Task Force report's direct influence on Faculty Handbook 3.3.14.
- **Part I, Section III (Teaching & Learning Posture):** GenAI Task Force findings (77% student-policy clarity gap; "AI is undetectable, ubiquitous, and transformative"); Pennock's All-UVA Teaching Award.
- **Part I, Section VIII (Infrastructure & Strategic Investment):** NSDPI's \$20M ODNI contract; \$800K Wake Forest Educating Character Initiative grant for the Civic Cornerstone Fellowship; Reia's \$200K Andrew Carnegie Fellowship; Ivy Road building opening Summer 2026.
- **Part I, Section IX (Public Statements & Executive Signaling):** DTD Lab "AI Con" convening as public-scholar engagement; NSDPI Annual Conference public visibility; Pennock GenAI Task Force report summer 2023 release.

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<https://batten.virginia.edu/resources/directory>

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<https://batten.virginia.edu/people/jess-reia>

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<https://dtdlab.virginia.edu/about/>

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<https://ai.provost.virginia.edu/ai-and-public-service>

NSDPI Annual Conference 2026 event listing — March 18–20, 2026; Boar's Head Resort; speaker roster

<https://nationalsecurity.virginia.edu/events/nsdpi-annual-conference-2026>

11.

Unit 11. School of Architecture

KEY SIGNALS

Architecture's AI footprint is deeper than v1 captured. Two faculty — Lisa Reilly (Commonwealth Professor of Architectural History) and Kyle Schumann (Assistant Professor of Architecture; Director of the Before Building Laboratory; ACSA Faculty Design Award 2025 recipient) — were selected for UVA's inaugural 2024–25 Faculty AI Guides cohort, one of only nine two-member school delegations. Eric Field (Director of Information Technology; Insight Lab founder and director; affiliated faculty with SDS and UVA's Center for Large-Scale Computational Modeling) sat on the committee that built the University-wide "Teaching in a World with Generative AI" Canvas course. Landscape Architecture's LAR 7020 "Prototyping the Bay" graduate studio, led by Professor and Chair Bradley Cantrell (Commonwealth Professor of Landscape Architecture), won the inaugural 2024–25 Tulane Prize for Climate Change Curriculum in the Built Environment for a curriculum that integrates MidJourney and Stable Diffusion image generation into climate-adaptation scenario design. Architecture was grouped with Batten, Education and Human Development, and Nursing for one of six virtual GenAI Task Force town halls on March 29, 2023. Earl Mark's ARCH 2710 required computational-design course remains the longest-running substrate of AI-adjacent pedagogy at the School, teaching parametric modeling, Grasshopper, Python scripting, and algorithmic form generation — the technical foundations on which generative AI design workflows now build.

The School of Architecture encompasses four departments: Architecture, Architectural History, Landscape Architecture, and Urban and Environmental Planning. The school is housed in Campbell Hall on the Lawn. Malo A. Hutson, PhD, MCP has served as Dean and Edward E. Elson Professor since July 1, 2021, succeeding Ila Berman (who returned to the faculty after a five-year term). Hutson is a nationally and internationally recognized expert in community development, climate resilience, environmental justice, and urban health; he came to UVA from Columbia University's Graduate School of Architecture, Planning, and Preservation, where he directed the Urban Planning PhD Program and the Urban Community and Health Equity Lab. Architecture's AI activity operates through faculty-level roles in University-wide AI programs, studio-level generative-AI integration, and long-running computational-design pedagogy rather than through school-level AI governance or a dedicated AI center.

<https://www.arch.virginia.edu/people/malo-andre-hutson>

<https://news.virginia.edu/content/uva-selects-malo-hutson-dean-school-architecture>

11.1 Governance & Policy

No School-Level AI Policy

No Architecture-specific AI policy was identified in available sources. Faculty operate under the University-wide Faculty Handbook Section 3.3.14 (renumbered from 3.3.15 in the 2025–26 edition), IRM-002 (Acceptable Use of IT Resources), and the VP for Research Reminder on Research Integrity and Use of AI. The School of Architecture's academic standards addendum — required in all School syllabi, developed through the Office of the Associate Dean of Academics — does not address AI use. Course-level AI policies are set at faculty discretion. Architecture is among nine schools whose faculty are eligible for the Faculty AI Guides Program; the School of Medicine is excluded categorically.

Faculty AI Guides Participation (2024–25 Cohort)

In the inaugural 2024–25 Faculty AI Guides cohort, the School of Architecture placed two faculty: Lisa Reilly and Kyle Schumann. The program is administered by the Office of the Executive Vice President and Provost in collaboration with the Center for Teaching Excellence. Reilly and Schumann participated in monthly peer learning sessions, led discipline-specific learning opportunities for A-School colleagues, and may have contributed to the CTE's Teaching Hub gallery "Generative AI in Teaching and Learning." The two-member delegation from a small school is a significant commitment relative to the unit's size.

<https://www.arch.virginia.edu/news/profs-reilly-and-schumann-selected-universitys-ai-faculty-guides-program>

"Teaching in a World of Generative AI" Canvas Course Committee

Eric Field, Director of IT for the School of Architecture, served on the committee that developed the University-wide "Teaching in a World with Generative AI" Canvas course. The course, launched in Fall 2024 by the Office of the EVP and Provost, is a four-module asynchronous resource for UVA instructors on whether and how to incorporate generative AI into classes. The broader course team is led by SCPS instructional designer Kevin Lucey and includes representatives from nine schools; Field's inclusion places Architecture directly inside the University's primary AI-pedagogy infrastructure build.

<https://genai.provost.virginia.edu/>

GenAI Task Force Town Hall Participation (March 29, 2023)

Architecture was grouped with Batten, EHD, and Nursing for one of six virtual GenAI Task Force town halls in March–April 2023. The Task Force was co-chaired by Pennock (Batten) and Heny (EHD), surveyed 504 students and 181 faculty, engaged 300 faculty across the town hall series, and published its report in July 2023. Architecture faculty participated at the session level rather than in Task Force membership.

<https://news.virginia.edu/content/task-force-convene-conversations-artificial-intelligences-teaching-learning-impacts>

11.2 People

Dean

Malo A. Hutson, PhD, MCP — Dean and Edward E. Elson Professor since July 1, 2021. BA Sociology (UC Berkeley, 1997); MCP Regional and Economic Development (UC Berkeley, 1999); PhD Urban and Regional Planning (MIT, 2006); postdoctoral Robert Wood Johnson Health & Society Scholars Fellowship (University of Michigan School of Public Health); Columbia Business School Executive Development Program alumnus. Prior: tenured Associate Professor at Columbia GSAPP (Director, Urban Planning PhD Program; Director, Urban Community and Health Equity Lab; Director of Project Development for Columbia World Projects; co-lead of the urbanism group at the Columbia Population Research Center); earlier Chancellor's Associate Professor of City and Regional Planning at UC Berkeley (Chair, Urban Studies Program; Associate Director, Institute of Urban and Regional Development). Research: community development, climate resilience, environmental justice, urban health, and urban equity. Author of *The Urban Struggle for Economic, Environmental, and Social Justice: Deepening Their Roots* (Routledge, 2016). Recipient of the Salzburg Global Fellowship, two Mellon Fellowships, and a Robert Wood Johnson Foundation Health & Scholar Fellowship. Hutson's scholarly center is community-development and climate-equity; his public-facing AI leadership at the School has been minimal, which is consistent with the school's distributed-faculty model of AI engagement.

<https://www.arch.virginia.edu/people/malo-andre-hutson>

<https://news.virginia.edu/content/getting-know-uvas-new-dean-school-architecture-malo-hutson>

Faculty AI Guides (2024–25)

Lisa Reilly, PhD — Commonwealth Professor of Architectural History; Director, Undergraduate Architectural History Program; Tenured Faculty, Joint Graduate Program in Art + Architectural History. BA Economics (Vassar College); MA Medieval Studies (Centre for Medieval Studies, York University); PhD Art History (Institute of Fine Arts, New York University). Research: medieval visual culture and digital humanities. 2018 Jefferson Scholars Foundation Award for Excellence in Teaching. Held the NEH/Horace Goldsmith Distinguished Teaching Chair of Art and Architectural History (1999–2002). Institute for Advanced Technology in the Humanities resident fellow (2006–08). Author of *The Invention of Norman Visual Culture: Art, Politics, and Dynastic Ambition* (Cambridge University Press) and co-editor with Kevin Murphy of *Skyscraper Gothic* (UVA Press). Pioneering early adopter of digital humanities tools in UVA teaching: received a hybrid challenge grant from the Office of the President to redesign the architectural history survey using digital tools; students in her course "On Hajj with Ibn Jubayr: Reconstructing the 12th Century Mediterranean" created digital exhibitions using Neatline; her graduate seminar "The Visible Past" is part of UVA's Digital Humanities Certificate. Reilly's 2024–25 Faculty AI Guide work focused on AI in writing instruction using Microsoft Copilot.

<https://www.arch.virginia.edu/people/lisa-reilly>

<https://www.arch.virginia.edu/news/professor-lisa-reilly-explores-ai-a-tool-writing-instruction>

Kyle Schumann, MArch — Assistant Professor of Architecture; Director, Before Building Laboratory; Cofounder, After Architecture (with Katie MacDonald); Co-Curator, Biomaterial Building Exposition. BArch Cornell University (William S. Downing Prize for Architectural Design); MArch Princeton University (Princeton University Fellowship). Research: accessibility of digital fabrication, low-cost robotic construction, robotic timber construction, machine visioning systems.

Recognition: 2025 ACSA Faculty Design Award; 2025 SARA (Society of American Registered Architects) National Design Award (Related Arts Category Winner); 2024 ACSA Timber Education Prize (Association of Collegiate Schools of Architecture and the Softwood Lumber Board); 2024 AIA National Small Project Award; 2023 ACSA Design Build Award; 2022 R+D Award (Architect Magazine); Best in Digital Fabrication and Best in Research (Architect's Newspaper, 2021/2022); 2022 and 2024 UVA Research Achievement Awards (Outstanding Researcher). Grant support includes the Jefferson Trust, UVA Center for Global Inquiry and Innovation, UVA School of Architecture Summer Research Grants, and UVA Vice Provost for the Arts. Notable projects: Circular Chromatics (biomaterial pavilion at UVA Morven Farm, 2023); Ampersand (Exhibit Columbus 2023); Tangential Timber (Material Acts: Experimentation in Architecture and Design, Getty's PST: Art & Science Collide, Craft Contemporary, Los Angeles, September 2024 – January 2025); Gilmer Hall Testing Chambers + Study Rooms (Phase I–II installation, 2024–present, interdisciplinary with Environmental Psychology and Neuroscience). Principal collaborators include Katie MacDonald (co-PI on most projects; cofounder of After Architecture).

<https://www.arch.virginia.edu/people/kyle-schumann>

<https://before-building.com/>

<https://after-architecture.com/>

Other AI-Active Faculty

Bradley Cantrell, MLA — Professor and Chair of Landscape Architecture; Commonwealth Professor of Landscape Architecture. BSLA (University of Kentucky); MLA (Harvard Graduate School of Design). Licensed Landscape Architect. Prior: Harvard Graduate School of Design, Rhode Island School of Design, Louisiana State University Robert Reich School of Landscape Architecture. Research: computation, responsive technologies, and ecological infrastructures in territorial design; "synthetic ecologies" framework using computational and responsive technologies to inform data-driven environmental decisions from river spillways to pollution remediation. Lead instructor for LAR 7020 "Prototyping the Bay: Landscape as Medium" (see 11.3 and 11.5).

<https://www.arch.virginia.edu/people/bradley-cantrell>

Leena Cho, MLA — Professor of Landscape Architecture; co-recipient with Cantrell of the inaugural 2024–25 Tulane Prize for Climate Change Curriculum in the Built Environment for the LAR 7020 studio.

Eric Field, MArch — Director of Information Technology, School of Architecture; Lecturer in Architecture; Founder and Director of the Insight Lab; Affiliated Faculty, UVA School of Data Science; Affiliated Faculty, UVA Center for Large-Scale Computational Modeling; Co-founder, SEED Network. BS Architectural Design (MIT); MA Architecture (UVA). At the School of Architecture for over 26 years. Research and teaching: data visualization, performance-driven design and simulation modeling, energy / daylighting / passive design, analytic CAD / BIM, applied information technology, data science applications. Notable projects: the UVA Bay Game (large-scale agent-based simulation of the Chesapeake Bay watershed); Global Water Games; ecoMOD/ecoREMOD; SEED Evaluator platform (technical author); Biophilic Cities Projects; Yamuna River Project. Awards: 2013 R+D

Award (Architect Magazine, ecoMOD South); 2013 Leveraging Excellence Award (National Consortium for Continuous Innovation in Education, UVA Bay Game); 2011 ACSA Housing Design Education Award. Committee member for the University-wide "Teaching in a World with Generative AI" Canvas course. Maintains an active Observable notebook portfolio at observablehq.com/@emfielduva.

<https://www.arch.virginia.edu/people/eric-field>

<https://datascience.virginia.edu/people/eric-field>

Earl Mark, PhD — Associate Professor of Architecture. BA Architecture and Mathematics; MArch; MS Media Technology (MIT Media Lab); PhD Architecture with a Minor in Cognitive Science (Harvard University). Prior: MIT Department of Architecture lecturer; Harvard Graduate School of Design senior teaching fellow; ETH Zurich visiting lecturer. Thomas Jefferson Visiting Fellow, Downing College and Martin Centre, University of Cambridge (Spring 1998). Prior industry: Senior Software Engineer, Computervision Corporation (Bedford, MA). 2009 Bentley Systems Educator of the Year. Senior Editor with Robert Woodbury of the *International Journal of Architectural Computing* (Volumes 8.3 and 9.2). Publications span computer-aided architectural design, procedural modeling, and design automation at eCAADe conferences, *Architectural Research Quarterly*, and *Automation in Construction*. Mark's 1990 paper "A Design Automation Paradox" (CIB Proceedings) is the earliest documented School-level scholarly engagement with the computation-design question that AI-driven generative design now inherits. Instructor for ARCH 2710 (see 11.3).

<https://www.arch.virginia.edu/people/earl-mark>

LAR 7020 Teaching Team (Current and Historical)

The LAR 7020 studio has been developed by a teaching team over seven years with members including **Bradley Cantrell**, **Leena Cho**, **Lauren Cantrell** (Lecturer), **Isaac Hametz** (Visiting Faculty), **Sean Kois** (Lecturer), **Sophie Maffie** (MLA '24; Instructional Assistant), **Brian Davis**, **Michael Ezban**, **Brad Goetz**, **Andrea Hansen**, **William Shivers**, and **Zihao Zhang**. Student instructional assistants support workshops and studio coordination each year.

Not Currently Classifiable as AI-Active in Available Sources

Sanda Iliescu — Professor of Architecture and Studio Art; BSE Civil Engineering (Princeton) and MArch (Princeton); Rome Prize recipient. Included in the Evidence Inventory but no AI-specific activity documented in available sources as of the snapshot date.

11.3 Teaching & Curriculum

ARCH 2710 — Computer-Aided Architectural Design (Earl Mark)

ARCH 2710 is a required undergraduate course for Architecture, cross-listed at the graduate level as SARC 6710. The course covers three-dimensional computer-aided design, geometrical modeling, and visualization. Primary platform: Rhino 8.0 with plugins for Grasshopper, Python for Grasshopper, V-Ray, and additional third-party programs. The Fall 2025 syllabus describes advanced methods including associative geometrical modeling, algorithmic description of forms, and scripting for

procedural 3D generation. Topics include global illumination simulation, atmospheric and materials simulation, animation, and digital terrain modeling. The course uses case studies from architecture and nature, with non-architecture students permitted to pursue alternative 3D modeling topics relevant to their major. ARCH 2710 counts as a Visualization Elective within the School and, with CS department approval, as an Integrative Elective for Computer Science majors. Software is accessible through a Virtual Computer system 24/7 as well as School of Architecture lab computers. The course does not explicitly reference AI or machine learning in its description, but its coverage of parametric design, algorithmic form generation, and Python scripting provides the computational foundation on which AI-driven design tools build.

<https://web.arch.virginia.edu/sarc6710/Syllabus25.html>

LAR 7020 — Landscape Architecture Foundation Studio IV: "Prototyping the Bay: Landscape as Medium"

LAR 7020 is a graduate Landscape Architecture foundation studio led by Cantrell and Cho. The studio is a coastal-climate-adaptation curriculum focused on the Chesapeake Bay's Pocomoke Sound, with three modules: (I) Unpacking the Bay (mapping, modeling, research of large-scale environmental and sociopolitical dynamics); (II) Systems, Models, and Surrogates (prototypical interventions for coastal erosion, sea-level rise, ecosystem migration); and (III) Landscape as Experiment (site-specific experimental landscapes with monitoring, feedback loops, and emergent ecological interactions). A "Narrating Opportunities" module introduces students to MidJourney and Stable Diffusion image-generation tools across several workshops for creating speculative narratives about ecological resilience and producing video content through geomorphology-table modeling. The studio won the inaugural 2024–25 Tulane Prize for Climate Change Curriculum in the Built Environment (jointly with MIT's David Hsu, who received the top prize in Urban Planning).

<https://www.arch.virginia.edu/news/generative-ai-contributes-to-landscape-architecture-students-design-process>

<https://www.arch.virginia.edu/news/uvas-landscape-architecture-foundation-studio-receives-inaugural-tulane-prize-climate-change>

Reilly's AI-in-Writing-Instruction Seminars (Fall 2024)

Reilly integrated AI into two Architectural History seminars in Fall 2024: "Lay Piety: Religion in Everyday Medieval Life" (ARH4591/ARTH4591) and a companion seminar. Students used Microsoft Copilot at multiple stages of the research and writing process alongside manual methods. Reilly set clear boundaries for AI use (transparent classroom policy rather than prohibition), citing an emphasis on "critical understanding of AI's role in writing and research," not AI as a replacement for writing. Reilly ran two workshops with colleagues from the School of Architecture and the Departments of Art and Medieval Studies during her Faculty AI Guide year. She was notably "the only one actively using AI in her teaching" among the Architecture participants, a fact she cites as motivating those workshops.

<https://www.arch.virginia.edu/news/professor-lisa-reilly-explores-ai-a-tool-writing-instruction>

Schumann's Design-Build and Digital Fabrication Teaching

Schumann teaches the Design Thinking concentration studios in the BS Architecture program, including "Circular Chromatics: Biomaterial Invention through Research-Build" (won the 2023 ACSA Design-Build Award). His courses integrate analog and digital methods, computational strategies, and hybrid fabrication. As a Faculty AI Guide, Schumann has framed AI's role in design education as strengthening technical skills and freeing time for creative conceptualization: "There is an opportunity for us to harness it in design education to help teach and strengthen technical skills and know-how, enabling us to work more efficiently and therefore free up more time for the creative conceptualization, iteration, and development of design ideas."

<https://www.arch.virginia.edu/news/kyle-schumanns-circular-chromatics-wins-acsa-design-build-award>

LAR 6720 — Design Computation

LAR 6720 Design Computation is offered in the spring semester through the Landscape Architecture department. Course details beyond the title and departmental listing are not publicly documented in available sources.

Mursion-Style Immersive Teaching

Not publicly documented in available sources as applied at the School of Architecture.

11.4 Tools & Technology

Design Software Stack

The School provides Rhino 8.0, Grasshopper, V-Ray, Python for Grasshopper, and additional third-party programs on all Campbell Hall lab computers and through a Virtual Computer system accessible 24/7. These are design tools; Grasshopper's visual programming environment increasingly supports AI-adjacent generative design workflows through third-party plugins. Students acquire Rhino 8.0 at a \$95 educational discount through Cavalier Computers or via free trial from Rhino3d.com.

Before Building Laboratory (Schumann)

The Before Building Laboratory, directed by Schumann, conducts robotic fabrication research. The lab develops low-cost ground-up fabrication and imaging systems and spans analog processes (woodworking, metalworking, casting, ceramics, textile production) through advanced digital fabrication, robotics, and machine visioning systems. Notable equipment includes robotically controlled pneumatic forming systems (Airforming, Pillow Forming).

<https://before-building.com/>

Insight Lab (Field)

The Insight Lab is directed by Field within the School of Architecture with cross-affiliations to the School of Data Science and the UVA Center for Large-Scale Computational Modeling. Its mission: develop new and emerging technologies in design, visualization, and information systems. Work includes data visualization (e.g., the Rana Plaza ready-made garment industry essay), predictive simulation modeling (predictive architectural thermostat profiles based on sensed occupancy), agent-

based simulation (the UVA Bay Game, Global Water Games), and decision-analysis infrastructure (SEED Evaluator, ecoMOD DAT).

Generative AI Tools Used in Studios

LAR 7020 students use MidJourney and Stable Diffusion for speculative climate-adaptation scenario imagery (see 11.3). The use of these tools occurs inside a workshop-led "Narrating Opportunities" module within the studio curriculum, not as standalone AI courses. Reilly's Architectural History seminars use Microsoft Copilot for research and writing (see 11.3). The Hybrids showcase, a forthcoming School of Architecture exhibition, also uses AI in the curation process.

UVA Copilot and Enterprise Tools

Architecture faculty and students access UVA Copilot Chat through central UVA ITS. The Library-managed Consensus enterprise license is available. No Architecture-specific AI tool procurement decisions were identified.

11.5 Research & Scholarship

LAR 7020 Studio as Research Vehicle

Bradley Cantrell and Leena Cho's LAR 7020 studio operates as a research-through-teaching platform. The studio has generated substantial student work published through the School, several LAR 7020 project titles cited in national exposure — *Experimental Flows* (Cotterman, Tse, Zhang), *Almost an Island* (Alberts, Roy, Yuan), *Seafood Capital of the World* (Fong, MacNelly, Velazquez), *Migrations Murmurations Metadata* (Hubbard, Neal, Werman), *Dynamic Zoning* (Fong, MacNelly, Velazquez), and *Experimenting with Salt Migration* (Vaze, Nichta, Liou). The 2024–25 Tulane Prize was awarded for the combined curriculum and student outputs.

<https://www.arch.virginia.edu/news/uvas-landscape-architecture-foundation-studio-receives-inaugural-tulane-prize-climate-change>

Before Building Laboratory Research (Schumann)

Schumann and MacDonald's After Architecture and Before Building Laboratory research portfolio includes published work on biomaterial construction, tangential timber (curved and irregular log use), airforming (non-contact formwork-free fabrication of doubly curved surfaces), bamboo structural assemblies (faced Calcutta bamboo / *Dendrocalamus strictus*), and robotic pneumatic forming. Papers and projects have been published and cited in *Architect Magazine*, *Metropolis Magazine*, *The Architect's Newspaper*, *Journal of Architectural Education*, and *Architecture and Urbanism*. Grants span Jefferson Trust, UVA Center for Global Inquiry and Innovation, UVA School of Architecture Summer Research Grants, UVA Vice Provost for the Arts, Exhibit Columbus University Design Research Fellowship, and the UVA Center for Design's Climate Futures Grant.

Insight Lab Computational Research (Field)

Field's Insight Lab research spans agent-based simulation, energy-performance modeling, data visualization, and analytic CAD/BIM. Signature projects: UVA Bay Game and Global Water Games (Chesapeake Bay watershed simulation); ecoMOD/ecoREMOD (sustainable modular/renovated

affordable housing with performance modeling and data monitoring); SEED Evaluator (Social, Economic, Environmental Design assessment platform); Yamuna River Project; Biophilic Cities Projects. Field's 2013 R+D Award from *Architect Magazine* for ecoMOD South and 2013 Leveraging Excellence Award for UVA Bay Game are the two most cited outputs.

Mark's Computational Design Scholarship

Mark's published work on computer-aided architectural design, procedural modeling, and design automation spans 1990 through the present. Selected publications:

- Mark, E. (1990). *A Design Automation Paradox*. CIB Proceedings, CIB W74 + W78 Seminar.
- Mark, E. (1999). *Reconstructing Architectural Geometry*. Architectural Research Quarterly, Cambridge University Press.
- Mark, E., Martens, B., & Oxman, R. (2003). *Preliminary Stages of CAAD Education*. *Automation in Construction* 12(6), 661–670.
- Mark, E., & Woodbury, R. (Senior Eds.) (2010 & 2011). *Built Environment, Architectural Theory and Computer Aided Architectural Design*. *International Journal of Architectural Computing*, 8(3) and 9(2).

Mark's scholarly posture on AI is reserved — the ARCH 2710 reading list includes both Negroponte's *Being Digital* (optimistic) and Dreyfus and Dreyfus's "Why Computers May Never Think like People" (1985 skepticism), signaling a pedagogy that situates AI in its longer intellectual history rather than as a novel tool.

Reilly's AI-in-Research Integration

Reilly is using AI in her own book-in-progress, drafting a 50-page section and then using AI tools to produce an outline from the draft as a method of reorganization. Her approach pairs writing with AI-assisted structural refinement rather than AI-generated drafting.

Schumann's Faculty AI Guide Work

Schumann's Faculty AI Guide year centered on discipline-specific discussion of AI's role in design education, including workshops on the technical-skills-versus-creative-conceptualization tradeoff and the integration of AI-driven tools with robotic fabrication pedagogies.

11.6 Events & Programming

Tulane Prize for Climate Change Curriculum (2024–25)

Cantrell and Cho received the inaugural 2024–25 Tulane Prize for Climate Change Curriculum in the Built Environment (Landscape Architecture category) for LAR 7020 "Prototyping the Bay." The award was co-awarded with MIT Professor David Hsu (who received the top recognition in Urban Planning). Eight additional faculty members received Honorable Achievement recognition in subcategories including Climate Change Curriculum in History and Theory, Climate Justice, and others. The award recognizes curriculum integrating MidJourney/Stable Diffusion speculative narrative work, computational modeling, and material experimentation.

GenAI Task Force Town Hall (March 29, 2023)

Architecture was grouped with Batten, EHD, and Nursing for one of six virtual GenAI Task Force town halls, held noon–1:30 PM on March 29, 2023.

Hybrids Showcase

The Hybrids showcase is a forthcoming exhibition of work and images representing the School of Architecture, which uses AI in the curation process. Specific dates and curators are not publicly documented.

Absence of Standalone AI Events

No standalone Architecture AI conference, symposium, lecture series, or research day was documented in available sources as of the snapshot date. The School's public AI programming operates through faculty-level Faculty AI Guide workshops, the LAR 7020 Narrating Opportunities module, and the Hybrids curation.

Gaps and Observations

Architecture's AI footprint is concentrated in studio-level faculty practice rather than in school-owned infrastructure. The school has no AI policy, no AI center, no AI-specific academic program, and no standalone AI conference. What it has instead is three structurally significant positions: a two-member 2024–25 Faculty AI Guides delegation (Reilly, Schumann), Field's committee seat on the University-wide Canvas course, and a Tulane Prize-winning Landscape Architecture studio that has integrated MidJourney and Stable Diffusion into its climate-adaptation pedagogy at the graduate foundation level. The v1 characterization of Architecture as "one of the thinnest units" overstated the absence: the school is thin on governance but substantial on pedagogy and fabrication-research infrastructure once the four-department scope is fully documented.

ARCH 2710 remains the longest-running substrate of AI-adjacent pedagogy at the school. The course has taught parametric modeling, Grasshopper, Python scripting, and algorithmic form generation since the 1990s — well before the generative-AI surge. Mark's 1990 paper "A Design Automation Paradox" predates most institutional AI discourse at UVA by three decades. The course's reading list, which juxtaposes Negroponte's *Being Digital* with Dreyfus and Dreyfus's 1985 skepticism, signals pedagogy that treats AI as part of a longer computational-design history rather than as a 2023 disruption. Whether ARCH 2710 has added explicit generative-AI content in recent syllabus revisions is not detailed in available sources.

The LAR 7020 studio's integration of MidJourney and Stable Diffusion is, to date, the most publicly documented classroom-level use of generative image AI at the School of Architecture, and arguably the deepest at UVA outside of SDS, McIntire, and Law. Student reflections published by the School indicate awareness of the tools' limitations — the team of Hubbard, Neal, and Werman noted that MidJourney "produced a series of images that seem to interpret marshland as dirty, messy, and unruly" and that "AI generates images from what already exists, and the images don't always reflect the imaginative prompt language of a proposed scenario." This critical engagement is itself a curricular output worth attending.

Schumann's Before Building Laboratory is conceptually adjacent to machine learning and computer vision through its machine-visioning systems and pneumatic forming research, but the school's public documentation does not frame this work as AI. Whether the lab's visioning systems employ contemporary ML techniques (CNN-based or transformer-based object detection, point-cloud segmentation) is not publicly documented. If those techniques are in use, the Before Building Laboratory would be Architecture's most substantial computer-vision research footprint; in the absence of documentation, the attribution remains to "machine visioning" and robotic fabrication rather than to ML-based AI.

Field's committee seat on the "Teaching in a World with Generative AI" Canvas course is the School's most senior AI-pedagogy infrastructure role. The course reached nine schools, the CTE, and the Library in its production. Field's inclusion — as IT Director rather than as tenured faculty — is notable for placing Architecture's AI representation at the operational/applied layer rather than at the research layer.

Reilly's Faculty AI Guide observation that she "was the only one actively using AI in her teaching" among the Architecture participants is a candid internal audit. The observation suggests that the school's documented AI pedagogy is thinner than the Faculty AI Guide selection might otherwise imply — the Guides' role is partly to seed activity that does not yet exist. Whether the 2025–26 cohort has expanded Architecture's participation is not publicly documented in available sources.

The Dean's public-facing AI posture is light. Hutson's scholarly center in community development and climate resilience is entirely compatible with AI-enabled tools (GIS modeling, climate simulation, equity data analysis), but public statements on AI from the Dean's Office do not surface in available sources. Whether Architecture under Hutson will formalize a school-level AI position — as SDS and the SOM MD Program have — is an open question.

The Adaptive Environments Lab language referenced in v1 ("sense, learn, and adapt," "digital intelligence," "human–computer partnership") appears in Landscape Architecture program materials but was not confirmed in active research publications during this research snapshot. Whether the Lab is a formally chartered research unit or a descriptive framing for Landscape Architecture's computational-design work is not clearly documented.

Cross-References

- **Provost's Office & CTE (Unit 17):** Reilly and Schumann in 2024–25 Faculty AI Guides cohort; Field on the "Teaching in a World with Generative AI" Canvas course committee; Architecture in Spring 2023 GenAI Task Force town hall with Batten/EHD/Nursing.
- **School of Data Science (Unit 3):** Eric Field affiliated faculty with SDS and Center for Large-Scale Computational Modeling; LAR 7020's computational modeling substrate.
- **School of Education and Human Development (Unit 9):** Same Spring 2023 town hall grouping.
- **Batten School (Unit 10):** Same Spring 2023 town hall grouping (Pennock as Task Force co-chair).
- **School of Nursing (Unit 8):** Same Spring 2023 town hall grouping.

- **School of Continuing and Professional Studies (Unit 12):** Field committee seat on Lucey-led Canvas course (SCPS instructional-design lead).
- **Library (Unit 14):** Library Copilot and Consensus enterprise licenses available to Architecture students.
- **ITS & CIO (Unit 15):** UVA Copilot access; IRM-002 jurisdiction.
- **UVA Center for Design / UVA Morven Farm:** Schumann's Circular Chromatics (2023 Morven Farm pavilion); Center for Design Climate Futures Grant supporting Gilmer Hall Testing Chambers.
- **Gilmer Hall interdisciplinary project (cross-reference to A&S and Nursing):** Schumann and MacDonald's Testing Chambers + Study Rooms installation involves Environmental Psychology (Jenny Roe, Panos Mavros, Julianna Mollica) and Neuroscience (Kevin Pelphrey, Tanya Evans, Stefen Beeler-Duden, Analia Marzoratti).
- **Part I, Section I (Governance Architecture):** Faculty AI Guides program eligibility; Canvas course committee.
- **Part I, Section III (Teaching & Learning Posture):** LAR 7020 generative-AI integration in graduate studio foundation; Reilly's transparent-AI-policy Architectural History seminar model; ARCH 2710 long-running computational design pedagogy.
- **Part I, Section VIII (Infrastructure & Strategic Investment):** Before Building Laboratory robotic fabrication infrastructure; Insight Lab data-visualization infrastructure; LAR 7020 Tulane Prize curriculum recognition.
- **Part I, Section IX (Public Statements & Executive Signaling):** The Dean's Office's light public AI posture is itself a documented signal.

Sources

Malo A. Hutson faculty profile — Dean and Edward E. Elson Professor; prior Columbia and UC Berkeley roles; Robert Wood Johnson Fellowship; MIT PhD; Salzburg Global Fellowship
<https://www.arch.virginia.edu/people/malo-andre-hutson>

UVA News on Hutson Dean appointment — effective July 1 2021; succeeded Ila Berman; Provost Magill and President Ryan statements; Columbia GSAPP background
<https://news.virginia.edu/content/uva-selects-malo-hutson-dean-school-architecture>

UVA Today Q&A with Dean Hutson — priorities on climate resilience, climate justice, diversity, equity, and inclusion
<https://news.virginia.edu/content/getting-know-uvas-new-dean-school-architecture-malo-hutson>

UVA School of Architecture on Reilly and Schumann 2024–25 Faculty AI Guides selection — discipline-specific workshops, peer learning sessions, Canvas course committee context
<https://www.arch.virginia.edu/news/profs-reilly-and-schumann-selected-universitys-ai-faculty-guides-program>

Lisa Reilly full profile — Commonwealth Professor; Director of Undergraduate Architectural History; digital humanities work; Neatline; Institute for Advanced Technology in the Humanities fellowship
<https://www.arch.virginia.edu/people/lisa-reilly>

UVA School of Architecture on Reilly Faculty AI Guide work — Microsoft Copilot in "Lay Piety: Religion in Everyday Medieval Life" (ARH4591/ARTH4591); workshops with Art and Medieval Studies colleagues; Hybrids showcase context; LAR 7020 MidJourney / Stable Diffusion cross-reference
<https://www.arch.virginia.edu/news/professor-lisa-reilly-explores-ai-a-tool-writing-instruction>

Kyle Schumann full profile — Before Building Laboratory directorship; R+D Award, ACSA Design-Build Award, Timber Education Prize, ACSA Faculty Design Award, UVA Research Achievement Awards

<https://www.arch.virginia.edu/people/kyle-schumann>

Before Building Laboratory — robotic fabrication, machine visioning, pneumatic forming; project catalog

<https://before-building.com/>

After Architecture — project portfolio with Katie MacDonald; awards catalog; grant support

<https://after-architecture.com/>

UVA School of Architecture on Schumann's Circular Chromatics ACSA Design-Build Award 2023 — third-year BS Architecture studio; Morven Farm pavilion; biomaterial pavilion construction

<https://www.arch.virginia.edu/news/kyle-schumanns-circular-chromatics-wins-acsa-design-build-award>

Bradley Cantrell faculty profile — Professor and Chair of Landscape Architecture; synthetic ecologies research; Harvard GSD MLA; prior RISD and LSU

<https://www.arch.virginia.edu/people/bradley-cantrell>

UVA School of Architecture on Generative AI in LAR 7020 — Cantrell leadership; "Narrating Opportunities" module; MidJourney and Stable Diffusion workshops; student teams Hubbard/Neal/Werman, Cotterman/Tse/Zhang; critical reflections on AI-generated imagery

<https://www.arch.virginia.edu/news/generative-ai-contributes-to-landscape-architecture-students-design-process>

UVA School of Architecture on 2024–25 Tulane Prize — Cantrell and Cho co-recipients; three-module studio structure; LAR 7020 seven-year development; teaching team roster; MIT David Hsu co-award

<https://www.arch.virginia.edu/news/uvas-landscape-architecture-foundation-studio-receives-inaugural-tulane-prize-climate-change>

Eric Field faculty profile — School of Architecture IT Director; Insight Lab founder and director; SDS and Center for Large-Scale Computational Modeling affiliations; ecoMOD, SEED, UVA Bay Game, Biophilic Cities

<https://www.arch.virginia.edu/people/eric-field>

Eric Field SDS profile — 26 years at School of Architecture; parametric energy design teaching

<https://datascience.virginia.edu/people/eric-field>

UVA Generative AI in Teaching and Learning portal — Canvas course launch; Fall 2024 release; nine-school contributor model

<https://genai.provost.virginia.edu/>

Earl Mark full profile — Associate Professor; Harvard PhD Architecture with Cognitive Science minor; MIT Media Lab MS Media Technology; 2009 Bentley Systems Educator of the Year; Thomas Jefferson Visiting Fellow at Cambridge

<https://www.arch.virginia.edu/people/earl-mark>

ARCH 2710 Fall 2025 Syllabus (SARC 6710 cross-listing) — computational design, parametric modeling, Grasshopper, Python, Rhino 8.0, algorithmic form generation, case study method, Negroponte and Dreyfus reading list

<https://web.arch.virginia.edu/sarc6710/Syllabus25.html>

UVA News on GenAI Task Force town halls — Architecture/Batten/EHD/Nursing town hall (March 29, 2023 noon–1:30 PM); Pennock and Heny co-chairs

<https://news.virginia.edu/content/task-force-convene-conversations-artificial-intelligences-teaching-learning-impacts>

12.

Unit 12. School of Continuing and Professional Studies

KEY SIGNALS

SCPS's AI footprint is structurally larger than its headcount suggests. SCPS Director of Instructional Design Kevin Lucey was the instructional designer and project manager for the University-wide "Teaching in a World with Generative AI" Canvas course — the four-module asynchronous resource launched by the Office of the EVP and Provost in Fall 2024 and developed with faculty and staff from nine schools, the Center for Teaching Excellence, and the Library. SCPS Senior Instructional Designer Marjorie "MJ" Cook and Assistant Professor Sara McClellan both presented at UVA's 12th Annual Innovations in Pedagogy Summit on April 30, 2025, where McClellan articulated the explicit AI guidelines framework the SCPS Public Administration Certificate programs use: a green-light / yellow-light / red-light framework built around curiosity, inquiry, ethical use, and transparency rather than prohibition. SCPS is the administrative home of the 3-credit graduate elective PSLP 5500 / PSPS 5500, co-taught by McClellan and Michael Boyce, the inaugural Director of the Department of Homeland Security AI Corps (2024) and current Generative AI Lead and Technologist-in-Residence at U.S. Digital Response. The SCPS–Virginia Institute of Government–School of Data Science three-way professional learning community on "Bringing the Public In: AI & Stakeholder Engagement for the Public Sector" launches March 30, 2026, at \$349 per participant. Four noncredit AI courses run through a Ziplines Education partnership.

The School of Continuing and Professional Studies is UVA's lifelong-learning and workforce-development school, serving adult learners across business, government, healthcare, public safety, and technology. The School is headquartered at Old Ivy Hall in Charlottesville (2420 Old Ivy Road), with a UVA Northern Virginia campus in Falls Church and a staff office at Tidewater Community College in Virginia Beach. The school employs approximately 120 faculty per year. Dr. Melissa M. Lubin has served as Dean since September 19, 2022, succeeding interim dean Cynthia Reed. The School's AI posture is delivery-oriented: workforce-skills programming (Ziplines Education partnership noncredit AI courses), a graduate elective on AI and public sector leadership, Virginia Institute of Government partnerships on professional learning communities for government practitioners, and — most distinctively — an infrastructure-builder role in University-wide AI pedagogy through SCPS's instructional design team.

<https://www.scps.virginia.edu/contact-us>

<https://www.scps.virginia.edu/meet-scps-dean-melissa-lubin>

12.1 Governance & Policy

Public Administration Certificate AI Guidelines (McClellan Framework)

The SCPS Public Administration Certificate programs operate under an explicit set of AI guidelines articulated by Coordinator Sara McClellan at UVA's 12th Annual Innovations in Pedagogy Summit on April 30, 2025. Rather than imposing a restrictive policy, the programs use "general AI guidelines" that "emphasize curiosity, inquiry, ethical use and transparency." The framework categorizes student uses of generative AI as green-lighted (for conceptual understanding), yellow-lighted (for brainstorming), and red-lighted (for plagiarism). McClellan's articulated stance — that "instructors are always going to be learning with and from our students" and that this requires "a facilitative instructional style" that "decenters the instructor experience in new ways" — makes the Public Administration Certificate one of the few named SCPS programs with a publicly-articulated course-framework-level AI stance. The guidelines themselves are not published as a standalone document in available public sources.

<https://www.scps.virginia.edu/news/uvas-2025-summit-spotlights-innovations-university-teaching-and-learning>

Lucey Canvas Course Role — University-Wide AI Pedagogy Infrastructure

SCPS Director of Instructional Design Kevin Lucey served as the instructional designer and project manager for the University-wide "Teaching in a World with Generative AI" Canvas course, launched by the Office of the EVP and Provost in August 2024. The course was initiated by Vice Provost for Academic Affairs Brie Gertler under then-Provost Ian Baucom's charge and co-led by Gertler and Michael Palmer, Barbara Fried Director of the Center for Teaching Excellence. The project team and faculty advisory group drew from nine schools, CTE, and the Library. The course consists of four modules that cover the technology itself, ethical and legal implications, teaching with generative AI, and implications for the world students will enter. The course launched in Canvas in August 2024 for faculty and is accessible by request to others at UVA. Lucey's selection reflected SCPS's history of online learning and the SCPS instructional design team's accumulated experience building multi-school Canvas experiences. The role is the most direct SCPS participation in UVA's core AI-pedagogy infrastructure and sits outside any SCPS-specific governance frame.

<https://www.scps.virginia.edu/news/educating-uva-faculty-about-teaching-world-generative-ai>

<https://genai.provost.virginia.edu/>

<https://www.scps.virginia.edu/scps-instructional-design-and-technology>

GenAI Task Force Town Hall Participation (April 12, 2023)

SCPS was grouped with Arts & Sciences (Arts and Humanities) for the fourth of six virtual GenAI Task Force town halls, held April 12, 2023, 12:00–1:30 p.m. The Task Force was co-chaired by Andrew Pennock (Batten) and Natasha Heny (EHD), with faculty members T. Kenny Fountain (A&S English; Director, Writing Across the Curriculum), Briana Morrison (SEAS Computer Science), Reza Mousavi (McIntire), and Michael Palmer (CTE Director), plus then-Honor Committee Chair Gabrielle Bray. The Task Force surveyed 504 students and 181 faculty, engaged approximately 300 faculty across the six town halls, and published its report in June 2023. SCPS participated at the session level rather than in Task Force membership.

<https://cte.virginia.edu/genai-initiatives>

https://dailyprogress.com/news/local/uva-task-force-to-host-town-hall-discussions-on-ais-impact-on-education/article_43fbf618-cc14-11ed-899c-8f4e96d18f45.html

No School-Level Written AI Policy

No SCPS-wide AI policy document was identified in available sources. The Public Administration Certificate's guidelines appear to operate at the program level and have been articulated publicly only in panel remarks. Instructors and programs operate under the broader Faculty Handbook Section 3.3.14 (renumbered from 3.3.15 in the 2025–26 edition), IRM-002 (Acceptable Use of IT Resources), and the Provost's "Guidelines on the Use of Generative AI Tools" released September 2024.

12.2 People

Dean

Melissa M. Lubin, PhD — Dean since September 19, 2022. BA General Studies (Armstrong State College, Savannah, GA, 1989); MBA (Georgia Southern University, 1991); PhD Adult Learning and Human Resource Development (Virginia Tech School of Human Development, 2013). Credentialed executive coach through the International Coach Federation; master practitioner of the Myers-Briggs Type Indicator; certified in the EQi emotional intelligence assessment. Prior: Founding Dean of the School of Professional & Continuing Education at James Madison University (where she was also Chief Economic Engagement Officer), having led the transformation of JMU's former Office of Professional & Continuing Education into a school; earlier, Director of Virginia Tech's Commonwealth Campus Centers in Richmond, Newport News, and Virginia Beach. Earlier private-sector leadership positions at Apollo Group, Circuit City Inc., and This End Up Furniture. A Virginian who grew up in Blacksburg. Succeeded interim dean Cynthia Reed, who returned to her role as Associate Director of Administration at SCPS. No AI-specific public statement from Lubin was identified in available sources; her public signaling has focused on accessibility, lifelong learning, and alignment with UVA's 2030 Strategic Plan.

<https://www.scps.virginia.edu/melissa-m-lubin>

<https://news.virginia.edu/content/uva-selects-melissa-lubin-dean-school-continuing-and-professional-studies>

https://uvamagazine.org/articles/uva_welcomes_two_new_deans_to_grounds

Instructional Design Leadership (Canvas Course Anchor Role)

Kevin Lucey — Director of Instructional Design (Instructional Technology Director, title INST77 in the UVA HR system). Email kl4qw@virginia.edu. Leads efforts at SCPS in accessibility, faculty development, and course design. Previously an instructional designer at the University of Virginia; prior experience in the K-12 and community college sectors and outside academia. Initiatives at SCPS include developing the "Teaching in a World with Generative AI" Canvas course for UVA faculty (the University-wide four-module project), leading the school's transition to Canvas as the learning management system, building a course-sharing partnership with UVA Wise, and designing innovative

online programs. The Canvas course role places Lucey at the center of UVA's University-wide AI-pedagogy infrastructure build.

<https://www.scps.virginia.edu/kevin-lucey>

<https://publicsearch.people.virginia.edu/person/kl4qw>

Marjorie "MJ" Cook — Senior Instructional Designer. Email macook@virginia.edu. Co-presented with Associate Professor Charlotte Matthews at the 12th Annual Innovations in Pedagogy Summit on April 30, 2025, on "Collaborative Design for Engagement in Online Learning," sharing insights from their redesign of the ISLS 3000 Transformations in Liberal Arts course. Cook's 2025 Summit presentation is focused on pedagogical collaboration and online engagement rather than AI-specific instruction, but her work is part of the broader SCPS instructional-design capacity that underwrites the school's AI pedagogy infrastructure role.

<https://www.scps.virginia.edu/marjorie-mj-cook>

<https://www.scps.virginia.edu/scps-instructional-design-and-technology>

Public Administration Certificate AI Faculty

Sara E. McClellan, PhD — Assistant Professor of Professional Studies; Coordinator for the University of Virginia Public Administration Certificate Program. PhD Organizational Communication (University of Colorado at Boulder); MPA (University of Southern California); BA Liberal Studies (California State University, Monterey Bay). Prior: Hazel Cramer Endowed Chair in the Department of Public Policy and Administration at Sacramento State University; Adjunct Professor at USC's Price School of Public Policy and Annenberg School for Communication and Journalism. Earlier practitioner and consulting roles include Associate Director and Organizational Development Specialist for the California Comprehensive Center at WestEd; deputy county administrative officer, personnel director, and First 5 director in northern California. More than a decade of experience in designing and delivering online classes. Currently also consults with public sector and nonprofit organizations on behalf of Engaged Advisors and Org Management Group. Research and teaching: organizational communication, planning, leadership, and stakeholder engagement. The "co-inquiry and co-creation" approach McClellan articulates at SCPS frames AI literacy as a shared instructor-student exploration and maps onto the Public Administration Certificate's green/yellow/red guidelines. McClellan is the primary SCPS contact for the "AI and Stakeholder Engagement for the Public Sector" PLC and co-instructor of PSLP 5500 / PSPS 5500.

<https://www.scps.virginia.edu/sara-mcclellan>

<https://www.scps.virginia.edu/center-public-safety-and-justice/sara-mcclellan>

<https://www.linkedin.com/in/sara-e-mcclellan-ph-d-060b6921/>

Michael Boyce — Adjunct / co-instructor of PSLP 5500 / PSPS 5500. Currently the Generative AI Lead and Technologist-in-Residence at U.S. Digital Response (since April 2025), a pro-bono digital-service nonprofit that helps state and local agencies implement modern and resilient technology. Previously the inaugural Director of the Department of Homeland Security AI Corps (April 2024 – April 2025), which under his leadership received over 14,000 job applications and brought on

approximately 50 AI staff across components including ICE, Customs and Border Protection, USCIS, and the DHS Office of Procurement. The Corps helped release DHSChat, a generative AI platform encouraged for staff use across the Department, which Boyce reported saved workers an average of 30 minutes per day based on early surveys. Before DHS, Senior Policy Analyst at the White House Office of Management and Budget, where he led FedRAMP and AI policy work and helped author sections of President Biden's 2023 AI Executive Order on the Safe, Secure, and Trustworthy Development and Use of Artificial Intelligence, with specific responsibility for federal use of generative AI policy. Earlier: Chief of Innovation and Design at the U.S. Citizenship and Immigration Services Refugee, Asylum, and International Operations Directorate (2018–2022); Digital Service Expert at the U.S. Digital Service; Program Examiner at OMB overseeing foreign assistance budgets for the State Department and USAID and managing oversight of the State Department's AI activities; earlier roles as a Refugee Officer leading missions in Ethiopia, Jordan, and Lebanon. Education: Yale University. Recognition: HSToday "Mission to Protect the Homeland Trailblazer" 2024. Boyce's presence on the PSLP 5500 / PSPS 5500 roster is the most senior federal-AI-governance credential on any UVA course taught in the public sector leadership space.

<https://www.scps.virginia.edu/center-public-safety-and-justice/michael-boyce>

<https://www.linkedin.com/in/michael-boyce-dhs-ai-corps/>

<https://www.hstoday.us/industry/people-on-the-move/michael-boyce-former-dhs-ai-corps-leader-joins-u-s-digital-response/>

<https://fedscoop.com/ai-corps-leader-leaves-homeland-security-for-us-digital-response/>

Center for Public Safety & Justice Leadership (AI-Active)

Marvin "Ben" Haiman, MS — Assistant Professor and Executive Director of the Center for Public Safety and Justice (joined August 2024; Center launched October 3, 2024). Visiting Fellow and Research Scholar with Rutgers University. BS Mathematics (University of Iowa); MS Management (Johns Hopkins University, Police Executive Leadership Program); Certified Public Management Program (George Washington University); certification in Strategic Project Management; graduate of the Naval Postgraduate School Center for Homeland Defense and Security's Executive Leadership Program; PhD candidate at Staffordshire University (Stoke-on-Trent, UK). Prior: Chief of Staff, Metropolitan Police Department of Washington, D.C. (2021–2024); Executive Director, Professional Development Bureau, DC MPD (2017–2021); Director, Homeland Security Advisory Council, U.S. Department of Homeland Security. Recognition: International Association of Chiefs of Police "40 under 40" (2020); Gary P. Hayes Award from the Police Executive Research Forum. Continues his police service as a reserve officer with the DC Metropolitan Police Department. Haiman authored the March 19, 2025 SCPS article "AI and the Iron Pipeline: How Technology Could Transform Gun Trafficking Enforcement Along I-95," which documents his interactive session at the 10th Rutgers University Miller Center on Policing and Community Resilience I-95 Working Group workshop in Tysons, Virginia.

<https://www.scps.virginia.edu/center-public-safety-and-justice/marvin-ben-haiman>

<https://www.scps.virginia.edu/center-public-safety-and-justice/news/ai-and-iron-pipeline-how-technology-could-transform-gun>

Other SCPS Faculty Active in 2025 Summit or Adjacent Programming

Charlotte Matthews, MFA — Associate Professor and writing faculty at SCPS. Published poet, memoirist, and novelist. Co-presented with Marjorie Cook at the April 30, 2025 Innovations in Pedagogy Summit on "Collaborative Design for Engagement in Online Learning" (ISLS 3000 Transformations in Liberal Arts redesign). Not identified as AI-specific faculty in available sources.

Beth Coleman — Public Safety & Justice faculty; National Academy Instructor for the FBI. Presented at the April 30, 2025 Summit on emotional intelligence and the psychology of leadership in law enforcement education. Not identified as AI-specific faculty in available sources.

Bryon G. Gustafson, PhD — Senior Director of Public Safety Programs; retired police chief; Program Director in the UVA Public Administration portfolio. Moderated the October 3, 2024 Center for Public Safety and Justice launch panel (with Gordon Graham, Lexipol Co-Founder, and Oscar Odom III, UVA Public Safety & Justice Associate Professor). Not identified as AI-specific faculty in available sources; shares Public Administration Certificate program direction with McClellan.

12.3 Teaching & Curriculum

Graduate Credit Course on AI and Public Sector Leadership

PSLP 5500 / PSPS 5500 — Contemporary Issues in Leadership: Advances in AI Impacting Public Sector Leadership (3 graduate credits, elective). Online synchronous, Wednesdays 7:00–8:30 p.m., summer session (June 1 – July 24), with sessions recorded. Course description: "Explores how AI advancements create opportunities and challenges for public sector leaders. Through case studies and professional examples, students examine AI's transformative impact on work and leadership. Focus on the ethical, strategic, and operational issues of AI integration, enhancing leadership strategies for effective, intentional, and responsible AI-driven changes." Co-instructors: Sara McClellan and Michael Boyce. The course is listed in both the Public Safety (PSPS) and Public Administration / Leadership (PSLP) subject codes. The Boyce co-instructor role — active federal-AI-governance practitioner teaching a graduate elective — is unusual in the UVA course catalog.

<https://www.scps.virginia.edu/current-term-classes>

<https://www.scps.virginia.edu/leadership-certificate/current-term-classes>

Ziplines Education Partnership — Four Noncredit AI Courses

SCPS partners with Ziplines Education — an industry-driven education company — to offer four noncredit AI programs. Courses use UVA-approved curricula developed by Ziplines and are taught by Ziplines instructors; successful completion earns learners an Affirmation of Completion from the University of Virginia. Beginning September 2024, all UVA faculty, staff, students, and alumni receive a 10% discount. The four AI-specific programs:

AI Essentials — Five-week online beginner course on practical AI prompting skills for workplace productivity. Real-world projects use ChatGPT. Topics: marketing strategy, content generation, data

analysis, and customizing prompt libraries. Includes a complimentary two-month ChatGPT Plus subscription.

AI Prompting — Five-week online course. The AI Prompting page uses descriptive copy closely parallel to the AI Essentials page; the two programs represent different entry points into similar content.

AI for HR Professionals — Five-week online course covering AI applications across the talent lifecycle. Participants strategically apply AI to recruiting, onboarding, and engagement, and build a custom HR AI assistant during the program.

AI for Marketing — Five-week online course helping marketers apply AI to strategy, execution, and measurement across the customer journey. Stated learning outcomes include identifying high-value AI opportunities, evaluating use cases through business goals and risk, AI-driven competitor insight gathering, and strategic translation of AI findings into clear recommendations.

<https://www.scps.virginia.edu/programs/artificial-intelligence-essentials>

<https://www.scps.virginia.edu/programs/artificial-intelligence-prompting>

<https://www.scps.virginia.edu/programs/artificial-intelligence-hr-professionals>

<https://www.scps.virginia.edu/programs/artificial-intelligence-marketing>

<https://www.scps.virginia.edu/noncredit-programs>

Professional Learning Communities — Three-Way Public Sector Partnerships

Bringing the Public In: AI & Stakeholder Engagement for the Public Sector. Six-week online professional learning community beginning March 30, 2026. \$349, with discounts for Virginia Institute of Government members and SCPS alumni and students. Core question: "How can our stakeholders help guide the role of AI in advancing meaningful outcomes for communities?" Format blends asynchronous weekly content (videos, podcasts, readings, case studies) with live Thursday Zoom sessions (noon–1:00 p.m. EST) and guided Canvas discussions. Offered via a three-way partnership between the Virginia Institute of Government at UVA's Weldon Cooper Center for Public Service, the UVA School of Data Science, and SCPS. Primary contact: Dr. Sara McClellan (mcclellan@virginia.edu). This is a documented three-way cross-unit AI collaboration outside the Provost's Office infrastructure.

<https://www.scps.virginia.edu/news/explore-artificial-intelligence-and-stakeholder-engagement-public-sector>

<https://scps.connectcatalog.its.virginia.edu/browse/scps-plc/courses/ai-stakeholder-engagement-for-the-public-sector>

Artificial Intelligence in the Public Sector. Six-week online professional learning community offered July 21 – August 31, 2025. Thursdays noon–1:00 p.m. EST. \$349, with discounts for Virginia Institute of Government members and SCPS alumni and students. Delivered in partnership with the Virginia Institute of Government at UVA's Weldon Cooper Center for Public Service. Included weekly discussion posts, peer engagement, and a final project or proposal relevant to participants'

professions. Content co-listed as "Leadership Development Operations, Virginia Institute of Government, UVA Weldon Cooper Center for Public Service." Contact: Thea Litchfield Campbell (tlcampbell@virginia.edu).

<https://www.scps.virginia.edu/programs/artificial-intelligence-public-sector>

<https://scps.connectcatalog.its.virginia.edu/browse/scps-plc/courses/ai-in-the-public-sector>

Certified Public Manager Certificate — AI in Core Competencies

The SCPS Certified Public Manager (CPM) Certificate, offered in partnership with the Virginia Institute of Government and aligned with the core competencies established by the National Certified Public Manager Consortium (NCPMC), lists as a stated learning outcome the ability to "Apply institutional power, systems, and technology (including Artificial Intelligence) ethically while addressing digital-era risks." Graduates earn a certificate from UVA, a nationally-recognized credential through NCPMC, and eligibility for membership in the American Academy of Certified Public Managers.

<https://www.scps.virginia.edu/programs/certified-public-manager-certificate>

"Teaching in a World with Generative AI" Canvas Course Contribution

SCPS's direct contribution to the University-wide Canvas course is the Lucey instructional design and project management role (see 12.1 and 12.2). The course includes voices from UVA faculty and students across Grounds; CTE team members Michael Palmer and Andrew Kennedy are among the identified contributors. The project team and faculty advisory group draw from nine schools, the Center for Teaching Excellence, and the Library.

<https://genai.provost.virginia.edu/>

<https://cte.virginia.edu/genai-initiatives>

12.4 Tools & Technology

SCPS led the UVA-wide transition to Canvas as the learning management system, under Kevin Lucey's direction, replacing the earlier UVACollab platform. That transition experience was part of why Lucey was selected to build the University-wide Canvas GenAI course. SCPS's Ziplines partnership courses include a complimentary two-month ChatGPT Plus subscription for AI Essentials and AI Prompting enrollees. No SCPS-specific AI tool procurement decisions were identified beyond these third-party integrations. SCPS faculty and staff operate under the University's officially-supported generative AI tool (Microsoft Copilot — see Unit 15), with access to additional tools through school and unit licenses.

<https://www.scps.virginia.edu/kevin-lucey>

<https://www.scps.virginia.edu/scps-instructional-design-and-technology>

12.5 Research & Scholarship

SCPS is primarily a teaching and professional-development school; research output is not a primary mission. However, the Center for Public Safety and Justice (launched October 3, 2024, with a planned research branch launch in 2025) operates an applied research function that has produced AI-adjacent publications under Haiman's leadership. His March 19, 2025 article "AI and the Iron Pipeline: How Technology Could Transform Gun Trafficking Enforcement Along I-95" documents survey data from the 10th Rutgers Miller Center I-95 Working Group workshop with 170+ attendees: 78% of participants said they need more knowledge, tools, and resources for AI in criminal investigations; 52% expressed concerns about legal and policy implications; 45% cited public trust and transparency as major adoption hurdles; 94% reported technology use in operations, but fewer than 85% said day-to-day operations were reliant on generative AI. The Center's announced 2025 research branch will "provide publications, partnerships and dissemination of findings to bridge the gap between theory and practice."

McClellan's scholarly activity is primarily in organizational communication, planning, leadership, and stakeholder engagement (not AI specifically). Her AI work is articulated in pedagogy and program design rather than in peer-reviewed AI publications.

<https://www.scps.virginia.edu/center-public-safety-and-justice/news/ai-and-iron-pipeline-how-technology-could-transform-gun>

<https://www.scps.virginia.edu/center-public-safety-and-justice/news/revolutionizing-public-safety>

12.6 Events & Programming

12th Annual Innovations in Pedagogy Summit (April 30, 2025, Newcomb Hall)

Four SCPS community members presented at UVA's 12th Annual Innovations in Pedagogy Summit, themed "Teaching Between the Heart and Hustle" and co-sponsored by the School of Education and Human Development:

- Sara McClellan — the AI guidelines framework discussion (green/yellow/red; curiosity, inquiry, ethical use, transparency).
- Marjorie Cook and Charlotte Matthews — "Collaborative Design for Engagement in Online Learning" (ISLS 3000 redesign).
- Beth Coleman — emotional intelligence and psychology of leadership in law enforcement education.

McClellan's remarks framed SCPS as "especially well-positioned to pilot new learning experiences" that effectively leverage emerging tools.

<https://www.scps.virginia.edu/news/uvas-2025-summit-spotlights-innovations-university-teaching-and-learning>

Center for Public Safety and Justice — Generative AI and Public Safety Panel (July 23, 2025)

Hybrid panel event at Old Ivy Hall (and online), 12:00–1:30 p.m., as part of the Center's monthly speaker series. Event description: "This panel will explore how generative AI is shaping crime control,

emergency response, and community engagement. Experts will discuss the benefits, challenges, and potential future of AI in public safety, including planning, preparedness, and ethical considerations."

<https://www.scps.virginia.edu/center-public-safety-and-justice/events/speaker-series-generative-ai-and-public-safety-panel>

Center for Public Safety and Justice Launch Panel (October 3, 2024)

The Center launched October 3, 2024 with a panel event featuring senior leaders in government, law enforcement, and academics. Moderator: Bryon G. Gustafson. Panelists included Gordon Graham (Lexipol Co-Founder) and Oscar Odom III (UVA Associate Professor of Public Safety & Justice). The event framed the Center's dual focus on applied research and practitioner education. While not framed as an AI event, the Center's subsequent activity (Iron Pipeline article; July 2025 GenAI panel) makes the launch the contextual predecessor to SCPS's public-safety-focused AI programming.

<https://www.scps.virginia.edu/center-public-safety-and-justice/news/uva-launches-center-provide-advanced-public-safety-education>

<https://www.scps.virginia.edu/center-public-safety-and-justice/news/revolutionizing-public-safety>

April 12, 2023 GenAI Task Force Town Hall (A&H + SCPS)

SCPS and the Arts & Humanities departments of the College and Graduate School of Arts & Sciences participated in the April 12, 2023 virtual town hall, 12:00–1:30 p.m., one of six Task Force town halls. The session contributed to the Task Force's June 2023 report and the subsequent Provost's Office guidelines infrastructure.

<https://cte.virginia.edu/genai-initiatives>

https://dailyprogress.com/news/local/uva-task-force-to-host-town-hall-discussions-on-ais-impact-on-education/article_43fbf618-cc14-11ed-899c-8f4e96d18f45.html

Gaps and Observations

SCPS's footprint in the UVA AI inventory looks small by headcount and large by infrastructure. The institutional role is asymmetric. A 120-faculty school with a single in-house AI-credentialed full-time faculty member (McClellan) supplies the project manager for the University's signature Canvas faculty-development course — Kevin Lucey — and hosts a graduate course co-taught by one of the most senior federal AI governance figures in the country (Michael Boyce). Both those positions arise from structural features of SCPS rather than from top-down strategic positioning: SCPS's Canvas migration history, its instructional-design team's experience with multi-school online learning, the flexibility of its adjunct faculty model, and its professional-audience mission.

The Ziplines Education partnership is a workforce-delivery model distinct from credit-bearing pedagogy elsewhere at UVA. Ziplines writes the curriculum and employs the instructors; SCPS issues the Affirmation of Completion. The arrangement scales quickly and costs the school little in faculty development, but it also means four of the five most prominent AI learning products in the SCPS catalog are not taught by UVA faculty. No public enrollment or completion data for any of the four Ziplines AI courses was identified. The same data gap applies to the PLCs and to PSLP/PSPS 5500.

The three-way SCPS–Virginia Institute of Government–School of Data Science partnership on "AI and Stakeholder Engagement for the Public Sector" is a rare documented cross-unit AI collaboration outside the Provost's Office infrastructure and is a distinct collaborative template: a professional school, an academic school, and a state-serving institute converging around a single offering. The Virginia Institute of Government's discount structure for its members is a signal that the PLC targets the state and local government workforce specifically, not generic professional audiences.

The SCPS Public Administration Certificate's green/yellow/red AI guidelines are articulated publicly but were not found as a published standalone document. The framework is one of the few program-level AI stances in the UVA inventory that publicly names what AI uses are encouraged, permitted, and prohibited; it would benefit from archival permanence beyond the 2025 Summit news article in which it appears.

The Center for Public Safety and Justice's research function, launched October 3, 2024 with a research-branch expansion announced for 2025, is producing AI-adjacent applied research led by Haiman. The Iron Pipeline article documents empirical survey data on law enforcement AI adoption collected at the Rutgers Miller Center workshop. Additional Center research outputs on AI were not identified in available sources as of the evidence snapshot date.

Dean Lubin has not made a public AI-specific statement. That absence of top-level signaling, combined with the thick infrastructure and program evidence below it, is itself a documented feature of how AI activity is distributed at SCPS.

Cross-References

- **School of Data Science (Unit 3):** Co-produces both the "AI and Stakeholder Engagement for the Public Sector" PLC (March 2026) and the prior "AI in the Public Sector" PLC (July–August 2025) with SCPS and the Virginia Institute of Government.
- **Batten School (Unit 10):** Task Force co-chair Andrew Pennock (Batten) overlaps SCPS programming in public sector leadership audiences; PSLP 5500 / PSPS 5500 and Batten leadership programs serve overlapping public-sector-practitioner audiences.
- **School of Education and Human Development (Unit 9):** Task Force co-chair Natasha Heny (EHD); EHD co-sponsored the April 30, 2025 Summit where McClellan articulated the AI guidelines framework.
- **School of Architecture (Unit 11):** Eric Field (Architecture IT Director) sat on the Lucey-led Canvas course committee.
- **School of Medicine (Unit 7), School of Nursing (Unit 8):** Canvas course project team draws from nine schools (four-module course includes disciplinary voices including nursing).
- **Provost's Office & CTE (Unit 17):** Lucey reports in via the Canvas course project management role to then-Vice Provost Gertler (now Interim EVP and Provost, since March 2025) and CTE Director Michael Palmer; the Provost's Office and CTE co-lead the Faculty AI Guides program that McClellan's framework complements.
- **UVA Wise (Unit 18):** Lucey built the SCPS – UVA Wise course-sharing partnership prior to the Canvas GenAI course work.

- **Weldon Cooper Center for Public Service / Virginia Institute of Government:** Primary partner on both PLC offerings (July–August 2025 and March 2026) and on the Certified Public Manager Certificate.
- **McIntire School of Commerce (Unit 5):** Reza Mousavi (McIntire) was a Task Force member alongside Palmer, Heny, Pennock, Fountain, Morrison, and Bray.
- **Rutgers University Miller Center on Policing and Community Resilience:** Haiman Iron Pipeline workshop site (external cross-reference; not a UVA unit).
- **U.S. Digital Response / U.S. Department of Homeland Security AI Corps:** Boyce's federal AI governance affiliations are external cross-references that bring federal-level AI practice into the PSLP 5500 / PSPS 5500 classroom.
- **Part I, Section I (Governance Architecture):** SCPS's Public Administration Certificate green/yellow/red AI guidelines framework as a documented program-level AI governance instance; Lucey Canvas course project management role.
- **Part I, Section III (Teaching & Learning Posture):** Lucey project management of the University-wide Canvas GenAI course; Ziplines Education noncredit AI course suite; three-way PLC partnership with SDS and VIG.
- **Part I, Section IV (Tool Ecosystem & Procurement):** Ziplines Education / ChatGPT Plus integration (third-party); Canvas LMS migration history.
- **Part I, Section VIII (Infrastructure & Strategic Investment):** SCPS instructional design team as University-wide AI pedagogy infrastructure contributor.
- **Part I, Section IX (Public Statements & Executive Signaling):** Dean Lubin's absence of public AI-specific signaling is a documented feature of the school's AI distribution model.

Sources

SCPS news on the University-wide Canvas course — Lucey as instructional designer and project manager; Gertler and Palmer co-leadership; nine-school project team and faculty advisory group; August 2024 Canvas launch; four-module structure
<https://www.scps.virginia.edu/news/educating-uva-faculty-about-teaching-world-generative-ai>

SCPS Instructional Design and Technology team page — Lucey as Director; Cook as Senior Instructional Designer; Canvas, teaching support, and learning technology services
<https://www.scps.virginia.edu/scps-instructional-design-and-technology>

Kevin Lucey SCPS profile — portfolio including Canvas course for faculty, SCPS Canvas migration, UVA Wise course-sharing partnership, innovative online programs; prior K-12 and community college experience
<https://www.scps.virginia.edu/kevin-lucey>

UVA public people search on Lucey — Instructional Technology Director, title INST77
<https://publicsearch.people.virginia.edu/person/kl4qw>

UVA Generative AI in Teaching and Learning portal (Provost's Office) — Canvas course access; Task Force report link; institutional positioning
<https://genai.provost.virginia.edu/>

CTE GenAI Initiatives page — town hall schedule including April 12, 2023 "Arts and Sciences (Arts & Humanities) & Continuing and Professional Studies Online Town Hall"; Canvas course contributor list; AAC&U Institute on AI participation
<https://cte.virginia.edu/genai-initiatives>

Daily Progress on 2023 Task Force town halls — six-session schedule; Task Force composition (Pennock, Heny as co-chairs; Fountain, Morrison, Mousavi, Palmer, Bray); Baucom charge

https://dailyprogress.com/news/local/uva-task-force-to-host-town-hall-discussions-on-ais-impact-on-education/article_43fbf618-cc14-11ed-899c-8f4e96d18f45.html

SCPS news on the 2025 Innovations in Pedagogy Summit — McClellan's "general AI guidelines" with green / yellow / red framework; curiosity, inquiry, ethical use, transparency; Cook and Matthews collaborative design presentation; Coleman emotional intelligence presentation

<https://www.scps.virginia.edu/news/uvas-2025-summit-spotlights-innovations-university-teaching-and-learning>

Melissa Lubin full SCPS profile — career at JMU (founding Dean of Professional & Continuing Education; Chief Economic Engagement Officer); Virginia Tech Commonwealth Campus Centers; Apollo Group, Circuit City, This End Up Furniture private-sector roles; Virginia Tech PhD (Adult Learning and HR Development, 2013); ICF executive coach; Myers-Briggs master practitioner; EQi certified

<https://www.scps.virginia.edu/melissa-m-lubin>

Meet SCPS Dean Melissa Lubin — expanded biographical detail; JMU background; Armstrong State BGS; Georgia Southern MBA

<https://www.scps.virginia.edu/meet-scps-dean-melissa-lubin>

UVA News on Lubin Dean appointment — effective September 19, 2022; succeeded interim dean Cynthia Reed; Provost Baucom and President Ryan statements; JMU founding dean transformation work

<https://news.virginia.edu/content/uva-selects-melissa-lubin-dean-school-continuing-and-professional-studies>

UVA Magazine welcome piece on new deans — Lubin as Blacksburg native; JMU Office-to-School transformation; new programs and at-risk-student access work

https://uvamagazine.org/articles/uva_welcomes_two_new_deans_to_grounds

Sara McClellan SCPS profile — Assistant Professor; Public Administration Certificate Coordinator; organizational communication PhD (CU Boulder); USC MPA; CSU Monterey Bay BA; Sacramento State Hazel Cramer Endowed Chair; USC Price and Annenberg adjunct; WestEd Associate Director; northern California county administrative and First 5 roles; Engaged Advisors and Org Management Group consulting; co-inquiry and co-creation approach

<https://www.scps.virginia.edu/sara-mcclellan>

McClellan Center for Public Safety and Justice profile — alternate profile with overlapping biographical detail

<https://www.scps.virginia.edu/center-public-safety-and-justice/sara-mcclellan>

Sara McClellan LinkedIn profile — Assistant Professor of Professional Studies; Public Administration Certificate Coordinator; Org Management Group consulting roles

<https://www.linkedin.com/in/sara-e-mcclellan-ph-d-060b6921/>

Michael Boyce SCPS profile — Generative AI Lead and Technologist in Residence at U.S. Digital Response; prior DHS AI Corps Director; White House Office of the Federal CIO AI policy; U.S. Digital Service and USCIS experience

<https://www.scps.virginia.edu/center-public-safety-and-justice/michael-boyce>

Michael Boyce DHS AI Corps LinkedIn profile — AI Lead and Generative AI Technologist in Residence role at USDR; DHS AI Corps 50-expert program; "digital service" model for fentanyl interdiction, online child sexual abuse response, immigration processes, disaster damage assessment; OMB program examiner role

<https://www.linkedin.com/in/michael-boyce-dhs-ai-corps/>

HSToday on Boyce USDR transition — AI Corps year of work summary; White House OMB FedRAMP and AI policy contributions including 2023 AI Executive Order; USCIS Refugee/Asylum/International Operations Chief of Innovation 2018–2022; earlier USDS and State/USAID OMB roles; Refugee Officer missions in Ethiopia, Jordan, Lebanon; Yale education

<https://www.hstoday.us/industry/people-on-the-move/michael-boyce-former-dhs-ai-corps-leader-joins-u-s-digital-response/>

FedScoop on Boyce AI Corps exit — April 2025 step-down; 14,000+ AI Corps applications; ~50 staffers onboarded; ICE, CBP, USCIS, and Procurement collaboration; DHSChat 30-minute-per-day time savings; USDR pro-bono nonprofit model

<https://fedscoop.com/ai-corps-leader-leaves-homeland-security-for-us-digital-response/>

NextGov/FCW on Boyce DHS AI Corps appointment — April 2024 start; White House OMB senior policy analyst role; FedRAMP and AI policy; Biden 2023 AI Executive Order federal generative AI section authorship; Mayorkas launch statement

<https://www.nextgov.com/people/2024/04/dhs-names-michael-boyce-lead-its-ai-corps/396050/>

HSToday Trailblazers profile on Boyce — DHS AI Corps 50-expert composition; strategic mission areas including fentanyl, child sexual exploitation, immigration, critical infrastructure, cybersecurity; federal generative AI Executive Order authorship

<https://trailblazers.hstoday.us/michael-boyce/>

DHS announcement on first AI Corps hires — Boyce appointment as inaugural Director; first 10 experts including backgrounds from Google, McKinsey, NIST, DARPA, SPAWAR, U.S. Digital Service

<https://www.dhs.gov/archive/news/2024/06/25/dhs-hires-first-10-experts-ai-corps-recruiting-sprint>

SCPS current term class listing — PSLP 5500 / PSPS 5500 description; Wednesdays 7–8:30 p.m. summer schedule; McClellan and Boyce co-instructors; 3 graduate credits; elective status

<https://www.scps.virginia.edu/current-term-classes>

SCPS Leadership Certificate current-term classes — duplicate PSLP 5500 / PSPS 5500 listing

<https://www.scps.virginia.edu/leadership-certificate/current-term-classes>

SCPS news announcing AI and Stakeholder Engagement for the Public Sector PLC — March 30, 2026 six-week start; partnership with Virginia Institute of Government at Weldon Cooper Center and School of Data Science; \$349 cost with VIG / SCPS discounts; audience in HR, public safety, planning

<https://www.scps.virginia.edu/news/explore-artificial-intelligence-and-stakeholder-engagement-public-sector>

Connect Catalog listing for Bringing the Public In PLC — asynchronous weekly content plus Thursday noon–1:00 p.m. live Zoom sessions; McClellan contact email; "How can our stakeholders help guide the role of AI in advancing meaningful outcomes for communities?" framing

<https://scps.connectcatalog.its.virginia.edu/browse/scps-plc/courses/ai-stakeholder-engagement-for-the-public-sector>

SCPS program page for Artificial Intelligence in the Public Sector — July 21 – August 31, 2025 session; Thursday noon–1:00 p.m.; \$349 with VIG / SCPS alumni and student discounts; Thea Litchfield Campbell contact

<https://www.scps.virginia.edu/programs/artificial-intelligence-public-sector>

Connect Catalog listing for AI in the Public Sector PLC — non-credit guided series for government practitioners; VIG / Weldon Cooper Center partnership

<https://scps.connectcatalog.its.virginia.edu/browse/scps-plc/courses/ai-in-the-public-sector>

AI Essentials program page — five-week online ChatGPT-based curriculum; marketing strategy, content generation, data analysis, prompt library customization; UVA Affirmation of Completion; 10% UVA community discount

<https://www.scps.virginia.edu/programs/artificial-intelligence-essentials>

AI Prompting program page — five-week online course; Ziplines Education partnership; ChatGPT Plus inclusion

<https://www.scps.virginia.edu/programs/artificial-intelligence-prompting>

AI for HR Professionals program page — five-week online course; talent lifecycle applications; custom HR AI assistant build

<https://www.scps.virginia.edu/programs/artificial-intelligence-hr-professionals>

AI for Marketing program page — five-week online course; high-value AI opportunity identification; AI-driven competitor insights; customer journey application

<https://www.scps.virginia.edu/programs/artificial-intelligence-marketing>

SCPS Noncredit Programs page — Ziplines Education partnership framing; four noncredit academic programs; September 2024 10% UVA discount start date; industry-driven Ziplines positioning

<https://www.scps.virginia.edu/noncredit-programs>

SCPS Open Learning and Noncredit Programs page — full noncredit program catalog; Ziplines Education short course portfolio context

<https://www.scps.virginia.edu/open-learning-and-noncredit-programs>

SCPS Certified Public Manager Certificate — Virginia Institute of Government partnership; NCPMC alignment; stated AI ethical application learning outcome

<https://www.scps.virginia.edu/programs/certified-public-manager-certificate>

Marvin "Ben" Haiman SCPS Center profile — Executive Director and Assistant Professor; DC MPD Chief of Staff; DHS Homeland Security Advisory Council; Johns Hopkins Police Executive Leadership MS; Rutgers Visiting Fellow; IACP 40 under 40; Gary P. Hayes Award

<https://www.scps.virginia.edu/center-public-safety-and-justice/marvin-ben-haiman>

Haiman authored "AI and the Iron Pipeline" article — 10th Rutgers Miller Center I-95 Working Group workshop in Tysons, Virginia; 170+ attendees; survey data on AI adoption in law enforcement (78% need more AI knowledge, 52% legal/policy concerns, 45% public trust concerns, 94% technology use, <85% daily generative AI reliance); scenario-based exercises on active shooter and misinformation events

<https://www.scps.virginia.edu/center-public-safety-and-justice/news/ai-and-iron-pipeline-how-technology-could-transform-gun>

UVA SCPS News on Center for Public Safety and Justice launch — Haiman executive director role; Lubin launch statement; "Great and Good" strategic plan alignment; Gustafson and Odom as faculty partners

<https://www.scps.virginia.edu/center-public-safety-and-justice/news/uva-launches-center-provide-advanced-public-safety-education>

Revolutionizing Public Safety Center overview — October 3, 2024 launch panel; Gustafson moderator role; Gordon Graham (Lexipol co-founder) and Oscar Odom panelists; 2025 research branch expansion announcement; monthly speaker series

<https://www.scps.virginia.edu/center-public-safety-and-justice/news/revolutionizing-public-safety>

Speaker Series: Generative AI and Public Safety panel (July 23, 2025) — 12:00–1:30 p.m. hybrid event at Old Ivy Hall and online; crime control, emergency response, community engagement framing; planning, preparedness, ethical considerations

<https://www.scps.virginia.edu/center-public-safety-and-justice/events/speaker-series-generative-ai-and-public-safety-panel>

Provost GENAI subsite — Gertler appointment as Task Force convener under Baucom; early-2023 institutional timeline

<https://provost.virginia.edu/subsite/genai>

Contact Us page — Old Ivy Hall address at 2420 Old Ivy Road; Northern Virginia Fairfax Campus at 8095 Innovation Park Dr; Tidewater Community College staff office address

<https://www.scps.virginia.edu/contact-us>

SCPS Key Faculty and Staff Directory — approximately 120 faculty per year; long-tenured teaching assignments of a decade or more

<https://www.scps.virginia.edu/team/key-faculty-and-staff-directory>

13.

Unit 13. Biocomplexity Institute

KEY SIGNALS

The Biocomplexity Institute (BI) is one of UVA's two largest transdisciplinary AI research operations — the other is the School of Data Science — and by funding volume the more concentrated of the two, with 137 awards totaling over \$81.4 million in its first six UVA years and a current pipeline that includes the \$20 million USDA-NIFA AgAID National AI Institute (2021–26), an up-to-\$40 million ARPA-H BREATHE/BRAVE contract for AI-assisted healthy buildings (2025–30), a \$20 million ODNI-funded National Security Data and Policy Institute subaward (2024–), and a \$10 million NSF Expeditions in Computing grant (2020–25) for Global Pervasive Computational Epidemiology. BI's DIMPLES paper won the Best Paper Award at the 39th ACM International Conference on Supercomputing in Salt Lake City in June 2025; a BI-mentored collaboration won the "Best Pathway to Impact" award at the Tackling Climate Change with Machine Learning workshop at NeurIPS 2025 in San Diego. Executive Director Madhav Marathe directs the Network Systems Science and Advanced Computing (NSSAC) division; inaugural Executive Director Christopher L. Barrett brought the operation from Virginia Tech to UVA in September 2018 under a \$30 million Strategic Investment Fund package approved by the UVA Board of Visitors. BI is the lead unit for two of the inaugural UVA Research Hubs launched in March 2026 (Integrated Energy Systems and Communities; Supply Chains and Critical Materials). The institute produced the synthetic population dataset (digital twin of the Commonwealth of Virginia and of the UK) used in Track B of the US-UK Privacy-Enhancing Technologies Prize Challenge at the 2023 Summit for Democracy.

The Biocomplexity Institute is a UVA university-level research institute using transdisciplinary team science to address large-scale complex-systems problems spanning biological, social, and technological domains. The institute integrates high-performance computing, complex network modeling, AI, digital twins, agent-based simulation, and data analytics; its methodology blends statistics, mathematics, computation, informatics, and biology. Research divisions include the Network Systems Science and Advanced Computing (NSSAC) Division, directed by Marathe, and the Social and Decision Analytics Division (SDAD), with Stephanie Shipp as acting director. BI's primary physical location is Town Center Four, 3rd Floor, 994 Research Park Boulevard, Charlottesville, VA 22911 — a 110,000-square-foot Class A office building at North Fork: A UVA Discovery Park, built by the UVA Foundation. A secondary Charlottesville office at 946 Grady Avenue, Suite 100 houses additional teams; BI recently established presence at the Dairy Market as well. The institute has grown to 134 research and tenured faculty (including 32 tenure-line faculty), 30 professional research staff and postdoctoral associates, 39 graduate and undergraduate students, and 33 executive and

administrative staff. BI's Strategic Investment Fund supplemental award secures institute funding from the University through FY 2023–2027.

<https://biocomplexity.virginia.edu/>

<https://proceedings.biocomplexity.virginia.edu/institute>

<https://sif.virginia.edu/biocomplexity-supplemental-award>

<https://news.virginia.edu/content/newly-renamed-north-fork-discovery-park-opens-doors-innovation-collaboration>

13.1 Governance & Policy

Institute-Level Reporting and Research Compliance

BI operates as a university-level institute reporting through the Office of the Vice President for Research. It has no institute-specific AI governance document; institute activity operates under the UVA Faculty Handbook Section 3.3.14, IRM-002 (Acceptable Use of IT Resources), the VP for Research Reminder on Research Integrity and Use of AI, and standard human-subjects, data-use, and sponsored-research compliance frameworks. BI is a research operation, not a school with students and courses; its AI posture is methodological and applied. AI is embedded in the institute's research stack — synthetic populations, digital twins, AI-enabled multi-scale models, large language models, foundation models — and treated as method, not as a separate oversight domain.

Origin and Governance History

The Biocomplexity Institute and Initiative at UVA was established in September 2018 following a recruiting effort led by then-EVP and Provost Tom Katsouleas, with the UVA Board of Visitors approving a \$30 million Strategic Investment Fund hiring package. Barrett arrived at UVA with a \$450,000 salary (a 15% increase from his \$391,470 Virginia Tech salary), accompanied by a team of faculty and staff from the Biocomplexity Institute of Virginia Tech. The Virginia Tech institute was subsequently absorbed into the Fralin Life Sciences Institute in 2019. Under the Strategic Investment Fund's five-year planning horizon (FY 2023–2027), BI will continue to pursue significant major gifts, grants and contracts, and federal and state support.

<https://sif.virginia.edu/biocomplexity-supplemental-award>

https://roanoke.com/news/education/higher_education/perks-for-biocomplexity-researcher-who-left-tech-for-uva-released/article_9f02a6fe-f67b-50a6-8f3c-bfe661954505.html

CASCAID Consortium

BI operates the CASCAID (Computational Analytics for Societal-Scale Contagion) Consortium, which coordinates the institute's contagion-science research across partner institutions and is listed as an institute-level governance element on the public website. Public documentation of CASCAID's specific governance structure, member institutions, and data-sharing agreements was not identified in available sources.

<https://biocomplexity.virginia.edu/>

13.2 People

Executive Leadership

Madhav Marathe, PhD — Endowed Distinguished Professor in Biocomplexity; Executive Director of the Biocomplexity Institute since September 2018 (inaugural Director of the Network Systems Science and Advanced Computing Division at the Institute; continues as NSSAC Division Director); tenured Professor of Computer Science in the School of Engineering and Applied Science (with courtesy appointment in Electrical and Computer Engineering). Thirty-year career in transdisciplinary team science. Prior: Professor of Computer Science and Director of the Network Dynamics and Simulation Science Laboratory at the Biocomplexity Institute of Virginia Tech; team leader of research and computing in the Basic and Applied Simulation Science Group, Computer and Computational Sciences Division at Los Alamos National Laboratory. Areas of expertise: digital twins, network science, artificial intelligence, multi-agent systems, high-performance computing, computational epidemiology, biological and socially coupled systems, and data analytics. Elected member of the Virginia Academy of Science, Engineering and Medicine (VASEM). Research portfolio includes 557+ publications and 16,000+ citations. Lead UVA PI on the \$20 million AgAID National AI Institute; UVA lead on the ARPA-H BRAVE subproject; UVA lead on the NSDPI subaward; co-PI with Vullikanti on the \$10 million NSF Expeditions in Computing grant for Global Pervasive Computational Epidemiology. Marathe's team led pivotal large-scale COVID-19 simulations during the pandemic to support Virginia policymakers in anticipating hospital demand. He was interviewed on the UVA Office of the VP for Research "Hoos in STEM" podcast (2025) by Ken Ono.

<https://biocomplexity.virginia.edu/our-team/madhav-marathe>

<https://engineering.virginia.edu/faculty/madhav-marathe>

<https://vasem.org/member/madhav-marathe-ph-d/>

<https://research.virginia.edu/podcast/hoos-in-stem/modeling-life-itself-madhav-marathe-and-science-biocomplexity>

Christopher L. Barrett, PhD — Endowed Distinguished Professor in Biocomplexity; Professor in the Department of Computer Science. Inaugural Executive Director of the Biocomplexity Institute at UVA (2018–). Previously Executive Director of the Biocomplexity Institute of Virginia Tech (formerly Virginia Bioinformatics Institute). PhD from the California Institute of Technology. Over 35 years of large interdisciplinary complex-systems research leadership. Founded or co-founded organizations for federal agencies including the Department of Defense, Department of Energy, and Department of Homeland Security. Earlier career: Simulation Science Group, Analysis Division, Los Alamos National Laboratory — led the TRANSIMS decade-long national multi-modal transportation modeling program; subsequently moved to the Computing and Computational Science Division, where his team conducted research in mobile packet communication. Recognition: 2012–2013 Jubilee Professorship in Computer Science and Engineering at Chalmers University, Sweden; member of the 2010 Royal Colloquium for the King of Sweden; Distinguished Achievement Award, Los Alamos National Laboratory (1995); Meritorious Service Medal (U.S. government). Endowed Distinguished

Professor of Biocomplexity (UVA, 2019). 100+ published research articles. Co-author on DIMPLES-related epidemiology work.

<https://biocomplexity.virginia.edu/our-team/christopher-l-barrett>

<https://engineering.virginia.edu/faculty/christopher-l-barrett>

https://biocomplexity.virginia.edu/sites/biocomplexity2024/files/2024-09/Christopher_L_Barrett_BIO_2021Jun22.pdf

Network Systems Science and Advanced Computing (NSSAC) Division

Anil Kumar S. Vullikanti, PhD — Professor in the Department of Computer Science and the Biocomplexity Institute. Publishes as V.S. Anil Kumar on most academic work. BTech (Indian Institute of Technology, Kanpur, 1993); PhD Computer Science (Indian Institute of Science, Bangalore, 1999). Postdoctoral Associate at the Max-Planck Institute for Computer Science, Saarbrücken (through 2001); Postdoctoral Associate at Los Alamos National Laboratory (through 2003); technical staff member at LANL (2003–2005); at Virginia Tech (2005–2018) before moving to UVA. Research: randomized algorithms, combinatorial optimization, distributed computing, dynamical systems and network science, machine learning and AI, and their applications to epidemiology, public health, and modeling, analysis, and protection of critical infrastructures. Recipient of the NSF CAREER Award and the DOE Early Career Award. 2017 College of Engineering Faculty Fellow Award (Virginia Tech); 2017 Excellence in Research Award (Biocomplexity Institute of Virginia Tech). Papers have been nominated for best paper awards at Supercomputing 2016 and AAAI 2013. Citations: 12,361 (Google Scholar); 3,579 (ResearchGate). Principal Investigator on the \$10 million NSF Expeditions in Computing grant. Publications in Nature, Journal of the ACM, IEEE/ACM Transactions on Networking, SIAM Journal on Computing, and Transactions on Parallel and Distributed Computing. Co-PI on the ARPA-H BRAVE subproject and on the NSDPI subaward; co-author on the ICS 2025 Best Paper Award-winning DIMPLES work.

<https://biocomplexity.virginia.edu/our-team/anil-vullikanti>

<https://engineering.virginia.edu/faculty/anil-vullikanti>

<https://computational-epidemiology.org/anil-vullikanti>

Samarth Swarup, PhD — Research Associate Professor, Biocomplexity Institute. PhD Computer Science (University of Illinois at Urbana-Champaign, 2007); BE Computer Engineering (University of Bombay, 1998). Research areas: simulation methods for urban and environmental modeling, disaster response, epidemic mitigation and prevention (Resilience and Sustainability); model-based informatics, racial and economic disparities, social media, big data (Computational Social Science); social networks and social contagion, causality and sense-making in simulations, AI and machine learning (Simulation Analytics). Lead BI contact on the NSDPI subaward. Co-investigator on AgAID. 2,849 Google Scholar citations.

<https://biocomplexity.virginia.edu/our-team/samarth-swarup>

Abhijin Adiga, PhD — Research Associate Professor, Biocomplexity Institute. Develops computational frameworks to study complex systems that emerge from large-scale interactions across infectious disease dynamics and socio-environmental systems. AgAID Institute UVA team member. Co-mentors C4GC summer research projects on deep learning for remote sensing, semantic segmentation of waterways from remote-sensing imagery, orchard age classification, and MRSA spread mitigation.

<https://biocomplexity.virginia.edu/our-team/abhijin-adiga>

Bryan Lewis — Research Associate Professor, Biocomplexity Institute. Computational epidemiologist designing models predicting spread of several infectious diseases including influenza. Principal Investigator of the STOMP-flu team (CDC-funded flu modeling project) alongside co-PIs Stephen Eubank (Model Adviser), Srinivasan Venkatramanan (MPM Lead), Jiangzhuo Chen (Simulation Lead), Mark Orr (Behavior Lead), and Mandy Wilson (Software and Data Lead). Led, with Marathe and Barrett, the model developed for the Commonwealth of Virginia to project COVID-19 infection trends. Spoke to S&P Global Market Intelligence with Barrett and Marathe on COVID-19 modeling capabilities and limitations. UVA faculty honored for BI COVID-19 Response Team service at the NSSAC SC21 recognition.

<https://nssac.github.io/>

<https://biocomplexity.virginia.edu/news/biocomplexity-institute-leads-cdc-research-study-influenza-mitigation-computer-modeling-and>

S. S. Ravi, PhD — Research Professor, Biocomplexity Institute. Long-standing collaborator with Marathe, Vullikanti, Rosenkrantz, and Stearns on graph dynamical systems, welfare optimization, and resource allocation modeling. Co-author on the PNAS nexus (2025) "Welfare optimization for resource allocation with peer effects" paper. AgAID team member.

Parantapa Bhattacharya, PhD — Research Assistant Professor, Biocomplexity Institute. DIMPLES co-author. Co-organizer of the 2024 Social Contagions, Artificial Intelligence & Democracy Workshop. Mentor on C4GC project "EpiGen: Generating HPC Epidemic Simulators using Natural Language by leveraging Large Language Models."

Henning Mortveit — NSSAC Research Faculty. DIMPLES co-author.

Srinivasan Venkatramanan, PhD — Research Assistant Professor, Biocomplexity Institute. FluReady MPM lead; AccuWeather / weather-flu forecasting collaborator; STOMP-flu MPM Lead; co-author on the Mehrab et al. climate-and-migration paper (2025).

Jiangzhuo Chen — Senior Research Associate, Biocomplexity Institute. STOMP-flu Simulation Lead; long-standing epidemic-simulation team member.

Mandy Wilson — Senior Research Associate, Biocomplexity Institute. Software and Data Lead on STOMP-flu; DIMPLES co-author; co-author on StormShare and multiple C4GC-mentored projects.

Stefan Hoops — NSSAC Research Faculty. C4GC mentor; software infrastructure specialist.

Stephen Eubank, PhD — Professor, Biocomplexity Institute. Co-PI on the NSF Expeditions in Computing grant; STOMP-flu Co-PI and Model Adviser.

Daniel J. Rosenkrantz, PhD and **Richard E. Stearns, PhD** — Research Professors, Biocomplexity Institute. Both long-standing BI co-authors on graph dynamical systems, welfare optimization, and peer effects; Ravi-Rosenkrantz-Stearns-Marathe is a frequent co-authorship cluster.

Mark Orr — Behavior Lead for STOMP-flu; research on computational models of health behavior.

Przemek Porebski — Research Scientist, Biocomplexity Institute. Lead contributor on the US-UK PETs Prize Challenge synthetic population dataset; statement on BI's data-processing, machine-learning, and simulation infrastructure for generating digital population similars.

Andrew Warren, PhD — Research scientist at BI. Mentor on C4GC project "Adaptive sampling for genomic surveillance with a digital twin model" (with Gursharn Kaur).

Gregor von Laszewski, PhD — NSSAC Research Faculty. DIMPLES co-author.

Dawen Xie — NSSAC Research Faculty. DIMPLES co-author.

Sarit Kraus, PhD — External consultant and Visiting Professor; Professor of Computer Science at Bar-Ilan University, Israel. AgAID team contributor.

Joshua Goldstein — Research Scientist, Biocomplexity Institute. AgAID team member.

Social and Decision Analytics Division (SDAD)

Stephanie Shipp, PhD — Acting Director, Social and Decision Analytics Division (SDAD). Leads BI's National Capital Region work including the Social Impact Data Commons, a cross-disciplinary open curated knowledge repository funded by the Mastercard Center for Inclusive Growth (the philanthropic hub of Mastercard) and deployed in partnership with Fairfax County and other Northern Virginia jurisdictions. The SDAD is the successor division to the Social and Decision Analytics Laboratory (SDAL) that was previously hosted by the Biocomplexity Institute of Virginia Tech in Arlington, Virginia, at 900 North Glebe Road, and which relocated to UVA as part of the 2018 transition.

<https://biocomplexity.virginia.edu/news/uvas-biocomplexity-institute-expands-work-informing-smarter-more-equitable-growth-across>

<https://github.com/uva-bi-sdad>

Aaron Schroeder — SDAD Research Faculty. C4GC mentor on National Capital Region Social Impact Data Commons and VDH Health Opportunity Indices projects.

SEAS-BI Pipeline

Chen Chen, PhD — Assistant Professor of Computer Science at UVA Engineering (current position); previously Research Assistant Professor at the Biocomplexity Institute; earlier a software engineer at Google. Chen's trajectory from research faculty at BI to tenure-track faculty in the Department of Computer Science is one documented example of the institute's role as a research-career on-ramp that feeds the traditional academic units.

Graduate Students and Postdoctoral Affiliates (selected)

In fall 2025, five PhD students at BI defended dissertations advancing the science of epidemics, AI, disaster resilience, and global mobility. Active PhD students include **Srikar Mutnuri** (CS PhD advised by Marathe), whose mentorship of a Nigerian student in a global climate AI workshop yielded a "Best Pathway to Impact" award at the NeurIPS 2025 Tackling Climate Change with Machine Learning workshop in San Diego for a community waste optimization pilot project. Mutnuri's own work spans dynamic networks, neural systems, contagion processes, and graph neural networks; his AAAI 2025 paper "Dynamics-Based Feature Augmentation of Graph Neural Networks for Variant Emergence Prediction" (with Majd Al Awar, Mansoorh Montazerin, and others) was presented at AAAI in Philadelphia.

<https://biocomplexity.virginia.edu/our-team/srikar-mutnuri>

<https://srmutnuri.dev/>

13.3 Teaching & Curriculum

Computing for Global Challenges (C4GC) Summer Program

C4GC is BI's flagship undergraduate research internship program. Applications for the 2026 cohort are open. The program offers hands-on research experience tackling global challenges through computing and data science. Documented 2025 C4GC projects include deep learning applied to hydrology (with Dr. Geoffrey Fox); remote sensing and semantic segmentation for waterway extraction and orchard age classification (Adiga and Swarup); generative AI for epidemic simulators via LLMs (EpiGen, Bhattacharya); variant emergence prediction with graph neural networks (several student teams); adaptive sampling for genomic surveillance with digital twin models (Warren, Kaur); National Capital Region Social Impact Data Commons work (Schroeder); behavioral modeling of pandemic disinformation; cross-domain video similarity for surgical model fine-tuning using pretrained Hiera (with Scott T. Acton, SEAS ECE Chair); and privacy-preserving generative model evaluation using Rényi divergence (Swarup, Adiga). The program is hosted by the NSSAC Division.

<https://biocomplexity.virginia.edu/student-opportunities>

<https://github.com/zacherymorris2021/BII-NSSAC-Internship>

Data Science for the Public Good

BI's SDAD operates the Data Science for the Public Good summer internship, an immersive experiential learning program for undergraduates, documented as part of the institute's summer internship suite alongside C4GC in the Strategic Investment Fund supplemental award narrative.

<https://sif.virginia.edu/biocomplexity-supplemental-award>

No Direct Degree Programs

BI does not offer degree programs in its own name. Graduate students and postdoctoral affiliates are generally enrolled through host departments, primarily the Department of Computer Science and the Department of Electrical and Computer Engineering (both in SEAS), with additional affiliations through the School of Data Science and the Department of Systems and Information Engineering. Cross-appointments run through SEAS (Marathe, Vullikanti, Barrett, Chen Chen), and collaborative

work with the College of Arts & Sciences, School of Data Science, and School of Medicine runs through the Contagion Science program.

13.4 Tools & Technology

High-Performance Computing Infrastructure

BI's primary computational infrastructure is high-performance computing for large-scale simulation and modeling, deployed on UVA's Rivanna HPC cluster (and exascale systems used for DIMPLES-style influence-maximization work). BI specializes in creating highly accurate synthetic replicas — digital twins — of populations at local, regional, national, and international scale, to enable socially and geographically explicit inter- and intra-agent interaction modeling. Digital twin applications documented by BI include household energy consumption modeling, network reliability under increased electric vehicle usage, and real-time contagion forecasting.

Synthetic Population Data as Institute Asset

The synthetic population datasets BI produces are a signature research asset. For the US-UK Privacy-Enhancing Technologies Prize Challenge Track B (Pandemic Response and Forecasting, 2022–23), BI produced two synthetic population datasets with identical structures and schemas but differing sizes: one simulates the population of the Commonwealth of Virginia, and the second the population of the United Kingdom. Each dataset is a relational database of eight tables including social contact networks (capturing when and where individuals come into contact, and contact duration), demographic attributes, mobility patterns, and health states. The datasets were used by innovators developing privacy-preserving federated learning solutions to forecast individual risk of infection during a pandemic.

Core Simulation Stack

EpiFast and other BI-developed infectious disease simulation models form the core simulation stack, together with the FluReady automated pipeline for national flu-index forecasting. FluReady uses statistical, machine learning, and mechanistic model-based methods on data from the CDC, Google Health Trends, US census, mobility data, high-resolution meteorological data (temperature, absolute humidity, precipitation), and BI-produced synthetic population data. Flu index predictions are provided at the weather station level and at 0.1-degree latitude by 0.1-degree longitude grid cell resolution across the USA for 28 days forward.

<https://biocomplexity.virginia.edu/project/fluready-flu-index-prediction>

Foundation Model R&D (National Security Applications)

BI's subaward work on the NSDPI project includes the development of foundation models that integrate text (scientific literature) with technical data from materials science and other sources. The stated limitation BI is addressing: existing LLMs are often limited by the text data available in scientific papers, restricting their potential to generate novel insights. By integrating text-based models with technical data, the new foundation models will be able to generate new results, analyze materials dependencies, and support national security decision-support tools.

13.5 Research & Scholarship

Six-Year Funding Profile at UVA

Over the first six years at UVA (through the SIF Supplemental Award reporting period), BI received 137 awards totaling over \$81.4 million. Active project sponsors include NIH, CDC, DoD, US Census Bureau, USDA, NSF, NASA, ARPA-H, and the Office of the Director of National Intelligence.

<https://sif.virginia.edu/biocomplexity-supplemental-award>

AgAID National AI Institute (\$20 Million NSF/USDA-NIFA, 2021–26)

AgAID — the USDA-NIFA Institute for Agricultural AI for Transforming Workforce and Decision Support — is one of 11 NSF AI Research Institutes announced in the 2021 cohort and one of two in that cohort funded by USDA-NIFA. The \$20 million five-year award is led by Washington State University (PI Ananth Kalyanaraman, Boeing Chair in WSU's School of Electrical Engineering and Computer Science). UVA is a founding partner institution alongside WSU, Oregon State University, University of California Merced, Carnegie Mellon University, Heritage University, Wenatchee Valley College, and Kansas State University, with IBM Research and the startup innov8.ag as private-sector partners. AgAID applies an "adopt-adapt-amplify" methodology: design AI solutions in partnership with end users (farmers, workers, policymakers), adapt to changing environments, and amplify productivity by combining human skills and machine capabilities. The UVA team is led by Marathe and includes Swarup, Adiga, Vullikanti, S.S. Ravi, Mandy Wilson, Joshua Goldstein, and external consultant Sarit Kraus (Bar-Ilan University). UVA's specific contribution is HPC-enabled AI techniques for network science and agent-based simulation applied to water and farm-management problems in specialty crops.

<https://news.virginia.edu/content/uva-biocomplexity-institute-developing-artificial-intelligence-agriculture>

<https://biocomplexity.virginia.edu/news/university-virginia-biocomplexity-institute-contribute-high-tech-expertise-national-research>

<https://www.nifa.usda.gov/about-nifa/press-releases/usda-nifa-nsf-invest-220m-artificial-intelligence-research-institutes>

<https://biocomplexity.virginia.edu/project/ai-institute-transforming-workforce-decision-support-agaid>

ARPA-H BRAVE/BREATHE Contract (Up to \$40 Million, 2025–30)

The Bioaerosol Risk Assessment interVention Engineering (BRAVE) project is funded by a contract for up to \$40 million over five years from the Advanced Research Projects Agency for Health (ARPA-H), awarded in October 2025 with an initial round of \$20 million. The project is part of ARPA-H's Building Resilient Environments for Air and Total Health (BREATHE) program. Congressman Morgan Griffith announced the \$39.9 million award in an October 2025 press release. The project is led by Linsey Marr, University Distinguished Professor at Virginia Tech, as the principal investigator, with subprojects led by Rajan Chakrabarty (Washington University in St. Louis) and Madhav Marathe (UVA Biocomplexity Institute). Partner organizations include Signature Science LLC, Mayo Clinic,

SafeTraces, UC Davis Health, and eight US universities plus three industrial partners. The target outcome: a smart building system that detects and responds to airborne pathogens and allergens with a target 25% reduction in cold, flu, and asthma symptoms. UVA's specific role, under Marathe's direction, is building AI-assisted multi-scale models and decision-support software for an intelligent indoor air system — the project's collaborators describe the goal as "an immune system for the building" that perceives threats and mounts appropriate defenses (increased ventilation, UV lights in ducts, evacuation protocols). Engineering Dean Jennifer L. West stated: "Indoor air quality is an important and often overlooked public health issue. The Biocomplexity Institute team will be able to make a real impact on people's lives by bringing their diverse expertise in artificial intelligence and computational technologies to bear on a multifaceted problem."

<https://engineering.virginia.edu/news-events/news/uva-modelers-and-software-designers-help-build-immune-systems-healthier-buildings>

<https://news.vt.edu/articles/2025/10/eng-clean-indoor-air-research-pandemic-contract.html>

<https://www.signaturescience.com/press/signature-science-membership-on-arpa-h-breathe-program-team-announced/>

National Security Data and Policy Institute (NSDPI) Subaward (\$20 Million ODNI, 2024–)

The National Security Data and Policy Institute is UVA's sixth university-level institute, launched November 2024 at a Rotunda ribbon-cutting event featuring UVA President Jim Ryan, Senator Mark Warner (Chair of the Senate Intelligence Committee), and then-Director of National Intelligence Avril Haines. NSDPI is funded through a two-year, \$20 million contract from the Office of the Director of National Intelligence (ODNI) and is directed by Professor Phillip Potter (Batten School Professor of Politics and founding director of the National Security Policy Center at the Frank Batten School of Leadership and Public Policy). The institute integrates expertise from Batten, the School of Data Science, and the Biocomplexity Institute. BI is a subawardee providing advanced analytics and AI-driven methodologies for strategic decision-making. BI's specific deliverables: reliable AI search algorithms integrated into a generative AI tool that can be deployed in both open and classified settings; enhanced detection of illicit financial activity; technology dependency networks to assess global trade resilience in the context of U.S.–China relations; and integration of text-based LLMs with technical material science data to create foundation models capable of novel insight generation. BI team leads on NSDPI are Marathe, Vullikanti, and Swarup.

<https://biocomplexity.virginia.edu/news/uva-launches-national-security-data-and-policy-institute-collaborates-biocomplexity-institute>

<https://biocomplexity.virginia.edu/project/national-security-data-and-policy-institute>

<https://www.dni.gov/index.php/newsroom/press-releases/press-releases-2024/4000-odni-pr-23>

<https://news.virginia.edu/content/uva-launch-institute-focused-national-security>

<https://www.cavalierdaily.com/article/2024/11/uva-launches-national-security-data-and-policy-institute>

NSF Expeditions in Computing: Global Pervasive Computational Epidemiology (\$10 Million, 2020–25)

In March 2020, BI received a five-year \$10 million NSF Expeditions in Computing grant to lead more than 40 researchers from 14 U.S. institutions and more than 20 international partners on "Expeditions in Computing: Global Pervasive Computational Epidemiology." Project co-PIs are Marathe and Vullikanti; the UVA team includes Barrett, Stephen Eubank, Bryan Lewis, S.S. Ravi, Daniel J. Rosenkrantz, Richard E. Stearns, and Samarth Swarup. Partner institutions: Arizona State University, the Center for Disease Dynamics, Economics & Policy (CDDEP), Indiana University, Lawrence Livermore National Laboratory, MIT, Oak Ridge National Laboratory, Princeton University, Stanford University, SUNY Albany, University of Maryland, UVA, Virginia Tech, and Yale University. Three broad research themes: computational foundations; pervasive scalable technologies and cyber environments; applications to epidemic science.

<https://biocomplexity.virginia.edu/node/2031>

DIMPLES Best Paper Award at ICS 2025

"DIMPLES: Distributed Influence Maximization for Pandemic pLanning on Exascale Systems" won the Best Paper Award at the 39th ACM International Conference on Supercomputing held June 8–11, 2025, in Salt Lake City. Authors: Marco Minutoli, John Feo, and S M Ferdous (Pacific Northwest National Laboratory); Mahantesh Halappanavar (PNNL); Reece Neff and Michela Becchi (North Carolina State University); Naw Safrin Sattar and Hao Lu (Oak Ridge National Laboratory); Henning Mortveit, Anil Vullikanti, Dawen Xie, Mandy L. Wilson, Gregor von Laszewski, Parantapa Bhattacharya, and Madhav Marathe (UVA); Ananth Kalyanaraman (Washington State University). The paper was published in the ICS 2025 proceedings (pp. 718–733) and addresses distributed influence maximization on exascale computing systems for pandemic planning. Seven of the sixteen co-authors are UVA-affiliated.

<https://hpcrl.github.io/ICS2025-webpage/>

NeurIPS 2025 Best Pathway to Impact Award

A BI-mentored collaboration won the "Best Pathway to Impact" award at the NeurIPS 2025 Tackling Climate Change with Machine Learning workshop in San Diego (December 7, 2025). The project — a community waste optimization pilot — originated with a Nigerian student whom BI PhD student Srikar Mutnuri mentored during a global climate AI workshop; the pilot was selected as a workshop spotlight presentation.

<https://www.climatechange.ai/events/neurips2025>

<https://biocomplexity.virginia.edu/news>

US-UK Privacy-Enhancing Technologies (PETs) Prize Challenge (2022–23)

The US-UK PETs Prize Challenge was co-sponsored by NIST and the National Science Foundation in the U.S., in coordination with the White House Office of Science and Technology Policy, and by the UK's Centre for Data Ethics and Innovation and Innovate UK on the UK side. Combined prize pool: \$1.6 million / £1.3 million. BI (in collaboration with Emory University) supported Track B

(Pandemic Response and Forecasting) by developing the comprehensive synthetic population datasets — digital twins of the Commonwealth of Virginia and the UK — used by all innovators. Phase 1 winners were announced November 2022; twelve first-phase winning technical papers were selected from 76 entries. Winners were showcased at the second Summit for Democracy convened by President Biden in March 2023. Przemek Porebski (BI Research Scientist) and Vullikanti provided the institutional statements for the 2025 retrospective.

<https://biocomplexity.virginia.edu/news/biocomplexity-institute-contributes-us-uk-privacy-enhancing-technologies-prize-challenge>

<https://petsprizechallenges.com/>

<https://www.nist.gov/itl/applied-cybersecurity/privacy-engineering/collaboration-space/challenges/us-uk-pets-prize>

<https://www.drivendata.org/competitions/98/nist-federated-learning-1/page/525/>

Bacterial and Viral Bioinformatics Resource Center (BV-BRC) — NIAID Renewal Through 2029

The Bacterial and Viral Bioinformatics Resource Center is an NIAID-funded resource at BI that has been continuously funded since 2004 under its predecessor names (PATRIC, IRD, ViPR) and its current BV-BRC designation. The 5th consecutive funding cycle extends BV-BRC support through 2029. BV-BRC maintains comprehensive datasets, analytical tools, and user workspaces supporting research on bacterial and viral infectious diseases.

<https://sif.virginia.edu/biocomplexity-supplemental-award>

Social Impact Data Commons (Mastercard Center for Inclusive Growth, 2021–)

Since fall 2021, the SDAD has led development of the Social Impact Data Commons, an open curated knowledge repository that co-locates data from public datasets, administrative records, and private entities. The project is supported by the Mastercard Center for Inclusive Growth (Mastercard's philanthropic hub). Partner jurisdictions include Fairfax County. Analytical tools built into the Commons track issues over time and geography, enabling local government and community leaders to learn from and make decisions based on real-time data. All data, code, applications, and tools are developed with transparent, open-source technology (UVA BI-SDAD GitHub organization at [uva-bi-sdad](https://github.com/uva-bi-sdad)). Stated by Shanna Crumley (Director of Impact Data Science, Mastercard Center for Inclusive Growth): "We aim to advance the field of data for social impact and increase organizational use of data science to drive equitable outcomes."

<https://biocomplexity.virginia.edu/news/uvas-biocomplexity-institute-expands-work-informing-smarter-more-equitable-growth-across>

<https://github.com/uva-bi-sdad>

UVA Research Hubs (Launched March 2026)

In March 2026, the Office of the Vice President for Research launched the UVA Research Hubs initiative. BI was named the lead unit for two of the inaugural hubs: the **Integrated Energy Systems**

and Communities Hub and the **Supply Chains and Critical Materials Hub**. The Energy Systems hub addresses transformation of modern energy systems as they become increasingly distributed; the Supply Chains hub integrates network science, data analytics, and policy expertise to address vulnerability of global supply networks for materials essential to energy, manufacturing, and national security. Marathe's statement: "These hubs create an exciting opportunity to bring together UVA's exceptional breadth of expertise to tackle complex, interconnected challenges."

<https://biocomplexity.virginia.edu/news/biocomplexity-institute-lead-two-uva-research-hubs-energy-systems-and-supply-chains>

Critical Mineral Supply Chain AI Research (Supply Chain Resilience Program)

BI's Supply Chain Resilience program uses AI and network science to map global critical-mineral supply chains. The work combines large-language-model-driven technology mapping with data-rich trade and shipping network analyses. Specific findings documented on the BI website: concentration in refining and high-value processing (rather than access to raw resources) creates asymmetric dependencies between nations, particularly in microelectronics and energy-critical materials. AI-enabled material evolution models trace how minerals transform from ores into advanced technologies, clarifying where diversification, domestic investment, or substitution strategies are most likely to succeed. Technical reports designed to inform public debate and support resilient supply-chain policy are part of the Supply Chains and Critical Materials Research Hub output.

<https://biocomplexity.virginia.edu/supply-chains>

<https://biocomplexity.virginia.edu/news/ai-reveals-hidden-risks-critical-mineral-supply-chains-uva-biocomplexity-institute-research>

Contagion Science Program (\$5 Million UVA Strategic Investment Fund)

The Contagion Science program is a UVA-wide transdisciplinary initiative funded by a \$5 million UVA grant through the Strategic Investment Fund. BI is the organizing unit; partners are the School of Engineering and Applied Science, the School of Data Science, the School of Medicine, and the College of Arts & Sciences. The program spans epidemiology, network science and data science, AI, computational social science, robotics, biology, economic science, and social and behavioral sciences. The SIF grant supports hiring of faculty and postdoctoral associates at participating organizations.

<https://biocomplexity.virginia.edu/project/contagion-science>

Google.org COVID-19 Funding (2020)

Marathe and Vullikanti were selected as part of Google.org's 2020 cohort of researchers receiving funding to use innovative AI and data analytics to help understand COVID-19 and address its impacts.

<https://proceedings.biocomplexity.virginia.edu/person/anil-vullikanti>

NSF CISE Pandemic Response Virtual Organization (\$1.44M, 2020)

BI received a \$1.44 million NSF award to operate a Virtual Organization (VO) that facilitates communication and collaboration among CISE scientists currently involved in pandemic research through the NSF RAPID program.

Selected 2025–2026 Peer-Reviewed Publications

- R. Bao, G. Mittadhoddi, M. Wilson, C. Kuhlman, P. Mozumder, S. Rafi, A. Marathe, A. Vullikanti, N. Halim. "StormShare: A Crowdsourcing Web Application to Enhance Resiliency during Hurricanes." *Natural Hazards Review* 27, no. 1 (2026): 04025070.
- K. Xie, A. Marathe, M. Thakur, J. Chen, X. Deng, A. Vullikanti. "A health and economic evaluation of the spatial spillover effect from measles resurgence." *Scientific Reports* 15, no. 1 (2025): 35862.
- Z. Qiu, D. Rosenkrantz, M. Jackson, S. Levin, S.S. Ravi, R. Stearns, M. Marathe. "Welfare optimization for resource allocation with peer effects." *PNAS nexus* 4, no. 9 (2025): pgaf298.
- Z. Mehrab, S.S. Ravi, L. Stundal, S. Swarup, S. Venkatramanan, B. Lewis, H. Mortveit, D. Leblang, M. Marathe. (Climate and migration research, 2025.)
- M. Minutoli et al. "DIMPLES: Distributed Influence Maximization for Pandemic pLanning on Exascale Systems." *Proceedings of the 39th ACM International Conference on Supercomputing* (2025): 718–733. **Best Paper Award.**

<https://biocomplexity.virginia.edu/>

Four AI / Remote Sensing Research Papers (2025)

Four BI papers published in 2025 address AI and remote sensing for sustainable agriculture and water resource management. Lead authors and journals were highlighted by the institute but not fully enumerated in available summaries.

<https://biocomplexity.virginia.edu/news>

Brookings National Study on Community-Led Data Infrastructure

BI contributed to a national Brookings Institution study on community-led data infrastructure and equitable governance; the institute's work was highlighted as a case study in the Brookings final report.

<https://biocomplexity.virginia.edu/>

13.6 Events & Programming

Social Contagions, Artificial Intelligence & Democracy Workshop (2024 — Inaugural; 2024–25 — Second Annual)

The Social Contagions, Artificial Intelligence, and Democracy Workshop convenes scholars from computational science, political science, sociology, psychology, economics, public policy, and network science to explore how digital technologies (especially AI) mediate the spread of ideas, beliefs, and practices across social systems and how contagion dynamics interact with AI-enabled systems. The inaugural workshop (2024) convened 80+ UVA scholars and national experts. The 2nd Annual workshop (2024–25) placed greater emphasis on translating theory into actionable insights for democratic societies. Organized by BI, the Center for Business Analytics at the McIntire School of Commerce, the Contagion Science program, the Digital Technology for Democracy Lab (a Karsh Institute initiative administered through the Batten School's Grand Challenges Research framework), and the Emotion and Behavior Lab. Organizing committee: Parantapa Bhattacharya, Steven L.

Johnson (McIntire), Jane Kulow, Lucius Lichte, Maria Lungu (DTD Lab postdoctoral research fellow), Madhav Marathe, and Adrienne Wood. The workshop follows Chatham House rules and organizers plan to produce an open-access publication/report for distribution to advocates, scholars, legislators, and policymakers. Marathe's public statement on the workshop (quoted in local press coverage): "AI has become not just a buzzword. Democracy is at the heart of this revolution. The speed at which this is going is perhaps a little uncomfortable for us as a society."

<https://contagion-science.virginia.edu/social-contagions-artificial-intelligence-and-democracy-workshop>

<https://biocomplexity.virginia.edu/event/2nd-annual-social-contagions-artificial-intelligence-and-democracy-workshop>

<https://dtdlab.virginia.edu/project/social-contagions/>

<https://www.29news.com/2026/01/09/uva-researchers-examine-ais-impact-democracy/>

Argonne National Laboratory Infectious Disease AI Hackathon (2025)

BI members joined 70+ researchers, developers, and biologists at Argonne National Laboratory for a three-day intensive push to build AI-driven tools for infectious disease research. Twelve project teams formed during the hackathon.

<https://biocomplexity.virginia.edu/news>

Hoos in STEM Podcast (2025)

Marathe was a featured guest on the "Hoos in STEM" podcast of the UVA Office of the Vice President for Research (hosted by Ken Ono, Marvin Rosenblum Professor of Mathematics and STEM Advisor to the Provost). Episode title: "Modeling Life Itself: Madhav Marathe and the Science of Biocomplexity." Topics: biocomplexity, digital twins, AI-driven insights for societal resilience, and Marathe's team's COVID-19 pandemic role.

<https://research.virginia.edu/podcast/hoos-in-stem/modeling-life-itself-madhav-marathe-and-science-biocomplexity>

Fall 2025 PhD Defenses

Five PhD students at BI defended dissertations in fall 2025, advancing the science behind epidemics, AI, disaster resilience, and global mobility. Names and titles of dissertations were not fully enumerated in available sources.

<https://biocomplexity.virginia.edu/news>

C4GC Summer Program (annual; 2026 cohort applications open)

The Computing for Global Challenges summer program (documented in 13.3) functions as both a teaching program and a public engagement activity, with student-mentor research pairs producing presentations, visualizations, and code artifacts each summer.

Gaps and Observations

BI is a research operation, not an academic school, and its publicly visible AI posture reflects that identity. The institute does not publish AI governance documents, responsible-AI statements, or model validation frameworks in a way parallel to what an academic school with students would publish. It publishes research outputs. That asymmetry is structurally coherent with its mission but makes the institute easy to miss in an AI-governance-focused inventory that would otherwise catalog policy memos and faculty AI guides participation. BI's AI footprint is instead visible in dollars (\$20M AgAID, up to \$40M BRAVE, \$20M NSDPI subaward, \$10M NSF Expeditions, plus the roughly \$81.4 million across 137 awards in six years), in peer-reviewed publication awards (DIMPLES ICS 2025 Best Paper, NeurIPS 2025 Best Pathway to Impact), and in federal positioning (co-PI on an ARPA-H indoor air contract that is itself ARPA-H's flagship BREATHE investment; sole UVA AI contractor on the ODNI NSDPI subaward).

The Virginia Tech-to-UVA migration of 2018 remains an unusual institutional fact. Barrett and Marathe brought both the people and the active research relationships, and the arrangement has since proven durable: BRAVE is a Virginia Tech-led project on which Marathe leads the UVA subproject (Linsey Marr is the VT PI). The prior friction between the two institutions visible in the 2018 news coverage of Barrett's recruitment (UVA BOV's \$30M package; the Social and Decision Analytics Laboratory relocation; the VT institute's subsequent absorption into Fralin) does not appear to have foreclosed continued cross-institutional collaboration.

The two named divisions (NSSAC and SDAD) have distinct research cultures: NSSAC is HPC-native, simulation-centric, and deeply engaged with contagion modeling and national AI institutes; SDAD is data-science-and-policy-centric, focused on the Social Impact Data Commons, Mastercard Center for Inclusive Growth work, and local-government partnerships across the National Capital Region. The two divisions share synthetic data infrastructure but address different funder constituencies.

BI's role as a pipeline for research faculty into tenure-track SEAS positions (Chen Chen being the documented example) is a structural feature of the university-level institute model. Additional such transitions may have occurred but were not systematically enumerable in available sources.

BI's public research output frequently features AI as the method rather than as the subject of governance analysis. The Social Contagions, Artificial Intelligence & Democracy Workshop is a partial exception: its framing does ask how AI and digital technologies challenge or fortify democratic institutions. This is the clearest documented instance of BI contributing to AI-governance public discourse rather than AI-method advancement.

No institute-specific AI ethics officer, responsible-AI review board, or model validation standards committee was identified in available sources. Institute-level ethics review runs through UVA IRBs and the VP for Research compliance infrastructure.

The institute's public website frames itself around research outputs, funding agencies, and team members; there is no standalone institute-level AI-strategy document. This is consistent with what BI is — a research operation whose AI is embedded in methodology rather than treated as a separate strategic vertical.

Cross-References

- **School of Engineering and Applied Science (Unit 2):** Marathe, Vullikanti, Barrett, and Chen Chen hold CS appointments; Marathe holds courtesy ECE appointment; Scott T. Acton (ECE Chair) is a C4GC mentor on cross-domain video similarity for surgical model fine-tuning; Geoffrey Fox is a C4GC mentor on deep learning in hydrology.
- **School of Data Science (Unit 3):** Contagion Science program partner; NSDPI partner; Eric Field (Architecture IT / Insight Lab) affiliated faculty; computational research overlap on AI/ML methods.
- **Darden School (Unit 4):** McIntire-BI partnership through the Center for Business Analytics (co-organizer of the Social Contagions workshop); Darden is a separate business school.
- **McIntire School of Commerce (Unit 5):** Steven L. Johnson (Center for Business Analytics) co-organizes the Social Contagions, AI & Democracy Workshop; Reza Mousavi was a 2023 Task Force member.
- **School of Medicine (Unit 7):** Contagion Science program partner; CAMA and COVID-modeling collaborations (Bryan Lewis worked with UVA Health during COVID-19 response).
- **Batten School (Unit 10):** Phil Potter (Batten Politics professor; founding Director of the National Security Policy Center) is Director of NSDPI; BI is the NSDPI AI-research subawardee; Digital Technology for Democracy Lab (a Karsh Institute project with Batten faculty involvement) is a co-organizer of the Social Contagions workshop.
- **School of Continuing and Professional Studies (Unit 12):** Limited documented collaboration; SCPS's AI Essentials / AI Prompting noncredit workforce programming serves a different audience than BI's research programs.
- **Library (Unit 14):** No specific BI-Library AI collaboration was identified in available sources.
- **ITS & CIO (Unit 15):** Rivanna HPC infrastructure shared.
- **Vice President for Research (Unit 16):** BI reports organizationally through the VP for Research; VPR announced the 2026 Research Hubs initiative under which BI leads two hubs; VP West's predecessors (Ramasubramanian, McMahon) are cited in institute funding announcements.
- **Provost's Office & CTE (Unit 17):** BI operates under University-wide research frameworks (Faculty Handbook, Provost GenAI guidance, VPR research integrity guidance).
- **UVA Wise (Unit 18):** No specific BI-Wise collaboration was identified.
- **National Security Data and Policy Institute (Unit 19):** Primary institutional collaborator; BI provides AI subaward services. (NSDPI is a sibling university-level institute with overlapping governance through Potter's Batten home.)
- **Contagion Science program (\$5M SIF-funded UVA-wide):** BI is the organizing unit; partners include SEAS, SDS, SOM, and A&S.
- **UVA Research Hubs (2026):** BI leads Integrated Energy Systems and Communities Hub and Supply Chains and Critical Materials Hub.

- **Karsh Institute of Democracy:** DTD Lab administrative home (and workshop co-organizer).
- **External partnerships:** Washington State University (AgAID PI); Virginia Tech (BRAVE PI); Argonne National Laboratory (infectious disease hackathon host); Pacific Northwest National Laboratory, Oak Ridge National Laboratory, NC State, and WSU (DIMPLES co-authors); Mastercard Center for Inclusive Growth (Social Impact Data Commons sponsor); NIAID (BV-BRC sponsor); ODNI (NSDPI sponsor); ARPA-H (BRAVE sponsor); NSF (Expeditions sponsor); USDA-NIFA (AgAID sponsor); Google.org (COVID funding).
- **Part I, Section I (Governance Architecture):** BI's university-level-institute status and its distinct governance from schools.
- **Part I, Section VI (Research Governance & Ethics):** BI's embedded-AI research methodology and the role of synthetic-population datasets as both a scholarly contribution and a privacy-engineering tool.
- **Part I, Section VIII (Infrastructure & Strategic Investment):** AgAID, BRAVE, NSDPI, and NSF Expeditions represent major federal AI research investments channeled through BI; SIF \$30M 2018 package and subsequent Supplemental Award; \$5M Contagion Science SIF investment.
- **Part I, Section IX (Public Statements & Executive Signaling):** Marathe's Hoos in STEM podcast appearance; BI's Social Contagions, AI & Democracy Workshop public-facing framing; Marathe's local-news statements on AI and democracy.

Sources

UVA Biocomplexity Institute main page — institute mission; DIMPLES Best Paper Award listing; publication portfolio; physical address; research approach

<https://biocomplexity.virginia.edu/>

UVA Biocomplexity Institute proceedings page — historical institutional overview; research portfolio; institute mission statement

<https://proceedings.biocomplexity.virginia.edu/institute>

Biocomplexity Supplemental Award page (UVA Strategic Investment Fund) — 137 awards totaling over \$81.4 million over 6 years; institute grown to 134 research and tenured faculty (32 tenure-line), 30 professional research staff and postdocs, 39 students, 33 executive/admin staff; BV-BRC NIAID renewed through 2029; FY 2023–2027 planning horizon

<https://sif.virginia.edu/biocomplexity-supplemental-award>

UVA News on North Fork renaming — Town Center Four 110,000 sq ft Class A office opening as BI's new home; UVA Foundation investments in North Fork; Lewis & Clark Drive extension; fitness and meeting amenities

<https://news.virginia.edu/content/newly-renamed-north-fork-discovery-park-opens-doors-innovation-collaboration>

Madhav Marathe Biocomplexity Institute profile — Executive Director role; NSSAC Director history; prior Virginia Tech and Los Alamos National Laboratory positions; areas of expertise; COVID-19 response role; NeurIPS and KGML workshop talks

<https://biocomplexity.virginia.edu/our-team/madhav-marathe>

Madhav Marathe UVA Engineering profile — CS tenured professor and ECE by courtesy; prior NSSAC Division Director; research areas; NSF AI Institute for AgAID leadership

<https://engineering.virginia.edu/faculty/madhav-marathe>

VASEM member listing for Marathe — elected membership in Virginia Academy of Science, Engineering and Medicine

<https://vasem.org/member/madhav-marathe-ph-d/>

Hoos in STEM podcast episode on Marathe — Executive Director interview; biocomplexity framework; COVID-19 pandemic simulations helped Virginia avoid millions in unnecessary hospital spending; digital twin model future direction

<https://research.virginia.edu/podcast/hoos-in-stem/modeling-life-itself-madhav-marathe-and-science-biocomplexity>

Christopher L. Barrett Biocomplexity Institute profile — inaugural Executive Director and Distinguished Professor; interdisciplinary computational scientist with 100+ publications; 35 years leading complex-systems research; Jubilee Professorship Chalmers; Royal Colloquium for the King of Sweden 2010

<https://biocomplexity.virginia.edu/our-team/christopher-l-barrett>

Christopher L. Barrett UVA Engineering profile — Executive Director role; research focus on large multi-scale modeling and simulation; CS joint appointment

<https://engineering.virginia.edu/faculty/christopher-l-barrett>

Christopher L. Barrett CV (2021, archived PDF) — Caltech graduate work; U.S. Navy AI and human aircrew integration research (Knowledgeable Observation Analysis-Linked Advisory System at Naval Air Development Center); Los Alamos TRANSIMS program leadership; Biocomplexity Institute of VT naming; UVA invitation 2018

https://biocomplexity.virginia.edu/sites/biocomplexity2024/files/2024-09/Christopher_L_Barrett_BIO_2021Jun22.pdf

Roanoke Times on Barrett recruitment — Barrett \$450,000 UVA salary (15% raise from \$391,470 VT); offer letter amended August 14; UVA BOV approved \$30 million SIF hiring package; SDAL relocation; Sallie Keller departure; Lauren Coble departure; Tom Katsouleas (UVA EVP/Provost) negotiating with VT Interim Provost Cyril Clarke

https://roanoke.com/news/education/higher_education/perks-for-biocomplexity-researcher-who-left-tech-for-uva-released/article_9f02a6fe-f67b-50a6-8f3c-bfe661954505.html

Anil Vullikanti Biocomplexity Institute profile — Professor in CS and BI; publishes as V.S. Anil Kumar; prior Max-Planck and LANL postdoctoral roles; NSF CAREER and DOE Early Career awards

<https://biocomplexity.virginia.edu/our-team/anil-vullikanti>

Anil Vullikanti UVA Engineering profile — research interests; VT 2003–2018 history; Biocomplexity Institute of VT Excellence in Research Award 2017; Supercomputing 2016 and AAAI 2013 best paper nominations; IIT Kanpur BTech 1993

<https://engineering.virginia.edu/faculty/anil-vullikanti>

Anil Vullikanti Global Pervasive Computational Epidemiology profile — NSSAC affiliation; Expeditions project website

<https://computational-epidemiology.org/anil-vullikanti>

NSF Expeditions announcement — \$10 million grant; Marathe and Vullikanti co-PIs; 14 institutions and 40+ researchers; three broad research themes; Barrett, Eubank, Lewis, Ravi, Rosenkrantz, Stearns, Swarup on UVA team

<https://biocomplexity.virginia.edu/node/2031>

Samarth Swarup Biocomplexity Institute profile — Research Associate Professor; PhD Illinois Urbana-Champaign 2007; research in resilience/sustainability simulation, computational social science, simulation analytics with AI/ML

<https://biocomplexity.virginia.edu/our-team/samarth-swarup>

Abhijin Adiga Biocomplexity Institute profile — Research Associate Professor; complex systems research in infectious disease and socio-environmental systems

<https://biocomplexity.virginia.edu/our-team/abhijin-adiga>

NSSAC Research collaboration page — NSSAC division overview; COVID-19 Response Team recognition; SC21 paper recognition

<https://nssac.github.io/>

Biocomplexity Institute CDC STOMP-flu announcement — Bryan Lewis PI; Stephen Eubank, Srinivasan Venkatramanan, Jiangzhuo Chen, Mark Orr, Mandy Wilson team leads; MIDAS membership since early years; metapopulation model build

<https://biocomplexity.virginia.edu/news/biocomplexity-institute-leads-cdc-research-study-influenza-mitigation-computer-modeling-and>

Srikar Mutnuri BI profile — CS PhD student advised by Marathe; research on dynamic networks and contagion processes

<https://biocomplexity.virginia.edu/our-team/srikar-mutnuri>

Srikar Mutnuri personal website — AAAI 2025 paper on dynamics-informed GNNs; Asilomar Conference 2025 poster; Learning on Graphs 2025 co-chair; current PhD cohort

<https://srmutnuri.dev/>

UVA news announcing AgAID — \$20 million institute; UVA founding partner; Marathe as UVA lead; Swarup, Adiga, Vullikanti, Ravi, Wilson, Goldstein, Kraus team roster; team-science approach; COVID-19 experience as qualifying precedent

<https://news.virginia.edu/content/uva-biocomplexity-institute-developing-artificial-intelligence-agriculture>

Biocomplexity Institute on AgAID — founding partner institution description; UVA team contribution description; AgAID adopt-adapt-amplify methodology

<https://biocomplexity.virginia.edu/news/university-virginia-biocomplexity-institute-contribute-high-tech-expertise-national-research>

USDA NIFA announcement on the 2021 NSF AI Institutes — \$220 million total cohort investment; AgAID institute description; 11 institutes across 37 states; USDA-NIFA co-funding with NSF

<https://www.nifa.usda.gov/about-nifa/press-releases/usda-nifa-nsf-invest-220m-artificial-intelligence-research-institutes>

Biocomplexity AgAID project page — WSU-led institute; NSF, USDA, and WSU as funding agencies; AgAID website link; Adiga, Swarup, Marathe as UVA team contacts

<https://biocomplexity.virginia.edu/project/ai-institute-transforming-workforce-decision-support-again>

UVA Engineering news on BRAVE — Marathe leading UVA team; ARPA-H BREATHE program; VT-led; up to \$40 million contract over 5 years; eight U.S. universities; three industrial partners; Jennifer L. West statement; "immune system for the building" framing

<https://engineering.virginia.edu/news-events/news/uva-modelers-and-software-designers-help-build-immune-systems-healthier-buildings>

Virginia Tech News on BRAVE — Linsey Marr PI; \$39.9 million award; Morgan Griffith announcement; BREATHE program framing; Mayo Clinic and SafeTraces participation; commercialization plans; Chakrabarty (WashU) co-lead

<https://news.vt.edu/articles/2025/10/eng-clean-indoor-air-research-pandemic-contract.html>

Signature Science membership announcement on BREATHE — BRAVE contract up to \$40 million from ARPA-H; Signature Science LLC as collaborator; multi-institutional team composition

<https://www.signaturescience.com/press/signature-science-membership-on-arpa-h-breathe-program-team-announced/>

UC Davis Health announcement on BREATHE — initial funding \$20 million; additional tranches up to \$40 million over five years; UC Davis team participation

<https://health.ucdavis.edu/news/headlines/federal-contract-for-up-to-40-million-fuels-research-to-revolutionize-clean-indoor-air-and-defend-against-next-pandemic/2025/10>

Biocomplexity Institute NSDPI collaboration announcement — subawardee status; reliable AI search algorithms for generative AI tool; foundation models combining text with material science data; Marathe, Vullikanti, Swarup team leads; Phil Potter statement

<https://biocomplexity.virginia.edu/news/uva-launches-national-security-data-and-policy-institute-collaborates-biocomplexity-institute>

Biocomplexity NSDPI project page — ODNI funding agency; NSDPI website link; detection of illicit financial activity; technology dependency networks for US-China trade

<https://biocomplexity.virginia.edu/project/national-security-data-and-policy-institute>

ODNI press release announcing NSDPI — first-of-its-kind partnership with UVA; Haines statement; Ryan statement

<https://www.dni.gov/index.php/newsroom/press-releases/press-releases-2024/4000-odni-pr-23>

UVA News on NSDPI launch — Rotunda ribbon-cutting event; \$20 million contract framing; Warner and Haines at launch event; data processing context

<https://news.virginia.edu/content/uva-launch-institute-focused-national-security>

Cavalier Daily on NSDPI launch — Potter as Executive Director; sixth university-level institute; initial six full-time staff plan; \$20 million contract

<https://www.cavalierdaily.com/article/2024/11/uva-launches-national-security-data-and-policy-institute>

C-VILLE Weekly on NSDPI — Potter as professor of politics and founding director of the National Security Policy Center at Batten; two-year \$20 million contract; Warner's advocacy; predictive models focus

<https://c-ville.com/uva-launches-new-institute-in-collaboration-with-the-director-of-national-intelligence/>

NSDPI institute website — research focus on quantum computing, HPC, AI algorithms, LLMs, supply chain vulnerability, AI hardware materials

<https://nationalsecurity.virginia.edu/>

ACM ICS 2025 conference page — DIMPLES Best Paper Award announcement; full author list; June 8–11 2025 Salt Lake City

<https://hpcl.github.io/ICS2025-webpage/>

Climate Change AI NeurIPS 2025 page — Tackling Climate Change with ML workshop schedule; December 2–7 2025 in San Diego; workshop participation mechanics

<https://www.climatechange.ai/events/neurips2025>

Biocomplexity Institute PETs Prize Challenge announcement — synthetic population dataset for Track B pandemic response; Przemek Porebski statement; Vullikanti statement on US-UK PETs challenge

<https://biocomplexity.virginia.edu/news/biocomplexity-institute-contributes-us-uk-privacy-enhancing-technologies-prize-challenge>

PETs Prize Challenges main page — UK and US sponsorship; UVA Biocomplexity Institute synthetic dataset (digital twin of a population); challenge partners including DARE UK, FCA, FinCEN, ICO, NCA, NHS England, SWIFT

<https://petsprizechallenges.com/>

NIST US-UK PETs page — synthetic dataset structure; co-sponsorship by NIST, NSF, White House OSTP; Summit for Democracy 2023 showcase

<https://www.nist.gov/itl/applied-cybersecurity/privacy-engineering/collaboration-space/challenges/us-uk-pets-prize>

DrivenData US PETs Phase 1 page — eight-table synthetic population database schema; Virginia and UK datasets; social contact network, mobility, health state tables

<https://www.drivendata.org/competitions/98/nist-federated-learning-1/page/525/>

FluReady project page — flu index prediction with statistical, ML, and mechanistic methods; CDC, Google Health Trends, high-resolution meteorological data; weather station and 0.1-degree grid resolution; 28-day forecast horizon

<https://biocomplexity.virginia.edu/project/fluready-flu-index-prediction>

BI Supply Chain Resilience program page — AI-enabled material evolution models; LLM-driven technology mapping; asymmetric dependency findings; critical minerals focus; policy-leverage-point framing

<https://biocomplexity.virginia.edu/supply-chains>

BI critical mineral supply chain news — AI reveals hidden risks framing

<https://biocomplexity.virginia.edu/news/ai-reveals-hidden-risks-critical-mineral-supply-chains-uva-biocomplexity-institute-research>

BI Research Hubs announcement — Integrated Energy Systems and Communities Hub and Supply Chains and Critical Materials Hub leadership; Marathe statement on Research Hubs collaboration

<https://biocomplexity.virginia.edu/news/biocomplexity-institute-lead-two-uva-research-hubs-energy-systems-and-supply-chains>

Biocomplexity Contagion Science program page — \$5 million SIF grant; BI as organizing unit; SEAS, SDS, SOM, A&S partnership; epidemiology, network science, AI, robotics, biology, economic science, social/behavioral science span

<https://biocomplexity.virginia.edu/project/contagion-science>

BI Social Impact Data Commons announcement — Mastercard Center for Inclusive Growth funding; SDAD leadership; Fall 2021 start; Fairfax County partnership; Shanna Crumley (Mastercard) and Michelle Gregory (Fairfax County) statements; open-source code at uva-bi-sdad GitHub

<https://biocomplexity.virginia.edu/news/uvas-biocomplexity-institute-expands-work-informing-smarter-more-equitable-growth-across>

SDAD GitHub organization — open-source repositories for Social Impact Data Commons and related SDAD projects
<https://github.com/uva-bi-sdad>

Contagion Science DTD Lab project page — Maria Lungu DTD Lab postdoctoral fellow; Hoos in STEM podcast cross-reference; Social Contagions workshop framing
<https://dtdlab.virginia.edu/project/social-contagions/>

Biocomplexity Institute 2nd Annual Social Contagions workshop page — organizing committee (Bhattacharya, Johnson, Kulow, Lichte, Lungu, Marathe, Wood); BI, Center for Business Analytics at McIntire, Contagion Science, DTD Lab, and Emotion and Behavior Lab co-organizers
<https://biocomplexity.virginia.edu/event/2nd-annual-social-contagions-artificial-intelligence-and-democracy-workshop>

Contagion Science workshop page — inaugural Social Contagions, AI & Democracy Workshop framing; Chatham House rules; open-access publication plans
<https://contagion-science.virginia.edu/social-contagions-artificial-intelligence-and-democracy-workshop>

29News (WVIR) on UVA AI and democracy research — Marathe's January 2026 quotes on AI, democracy, and the pace of technological change
<https://www.29news.com/2026/01/09/uva-researchers-examine-ais-impact-democracy/>

Anil Vullikanti BI legacy profile — NSF CAREER and DOE Early Career awards; earlier Google.org COVID-19 funding mention; opioid epidemic research geographic hotspot work
<https://proceedings.biocomplexity.virginia.edu/person/anil-vullikanti>

Madhav Marathe ResearchGate profile — 557 publications; 16,609 citations; co-author network
<https://www.researchgate.net/profile/Madhav-Marathe>

Chris Barrett Google Scholar profile — 5,594 citations; HPC, computational epidemiology, data science, multi-agent systems, bioinformatics research areas
https://scholar.google.com/citations?user=wuKMx_kAAAAJ&hl=en

Anil Vullikanti Google Scholar profile — 12,361 citations; CS, epidemiology, graph dynamical systems, social networks, wireless networks
<https://scholar.google.com/citations?amp=&hl=en&user=MNJ-E9UAAAAJ>

Samarth Swarup Google Scholar profile — 2,849 citations; multiagent systems, agent-based modeling, ML, AI
<https://scholar.google.com/citations?user=qEXn1-8AAAAJ&hl=en>

Biocomplexity Institute research projects page — breadth of BI research portfolio; Chickasaw Nation academic partnership; BOHEMIA malaria intervention; Virginia DCLS/VDH/VCU collaboration; biological invasions economic impact research; digital divide research
<https://biocomplexity.virginia.edu/projects>

Biocomplexity Institute Our Research page — research methodology overview; digital twin population modeling; HPC infrastructure; Town Center Four primary address
<https://biocomplexity.virginia.edu/research/our-research>

UVA LinkedIn page for Biocomplexity Institute — 20-year institutional history; 2018 UVA move; PET's Prize Challenge with Emory University collaboration; Summit for Democracy 2023 showcase
<https://www.linkedin.com/company/uva-biocomplexity-institute>

Biocomplexity Institute of Virginia Tech Wikipedia entry — Virginia Tech institutional history; \$179 million in extramural support; 2019 absorption into Fralin Life Sciences Institute; 2018 UVA departures; Arlington SDAL location history; Steger Hall naming
https://en.wikipedia.org/wiki/Biocomplexity_Institute_of_Virginia_Tech

National Artificial Intelligence Research Institutes Wikipedia entry — federal AI institutes program description; \$20 million standard funding; 27 institutes by 2024; WSU-led AgAID membership
https://en.wikipedia.org/wiki/National_Artificial_Intelligence_Research_Institutes

Network Systems Science and Advanced Computing division description — NSSAC research methodology; transdisciplinary team composition

<https://proceedings.biocomplexity.virginia.edu/institute/divisions/network-systems-science-and-advanced-computing>

BI Student Opportunities / C4GC research projects page — comprehensive 2025 C4GC project roster with student-mentor pairs; EpiGen LLM epidemic simulator work; remote sensing and agricultural AI projects; MRSA spread research

<https://biocomplexity.virginia.edu/student-opportunities>

Biocomplexity News on Argonne Hackathon and fall 2025 PhD defenses — context for 2025 institute activity

<https://biocomplexity.virginia.edu/news>

UVA Today archive on COVID-19 BI research — Marathe, Lewis, Barrett statements; 2005-onward federal outbreak response history; MIDAS history; MERS, Ebola, Zika engagement

<https://archive.news.virginia.edu/content/biocomplexity-researchers-working-health-officials-predict-coronavirus-spread/>

14.

Unit 14. UVA Library

KEY SIGNALS

Under Dean Leo Lo, who also holds the title Advisor to the Provost on AI Literacy and Professor of Education, the Library has become UVA's most active AI governance and literacy actor in the months leading to this snapshot. Between January and April 2026, the Library launched the "Ethical Dimension of AI Literacy" speaker series, released the University of Virginia Archival AI Protocol (v1.1, January 27, 2026), coordinated a Statement of Shared Practice on AI training requests with twelve peer institutions (April 3, 2026), and co-founded the AI Literacy and Action Lab with the College and Graduate School of Arts & Sciences (April 17, 2026), now operating with five pilots, Lo's fall 2026 flagship seminar "Thinking in the Age of AI," and three named one-credit disciplinary AI literacy courses taught by A&S faculty. The Library also operates the institution's primary cross-unit AI resource hub (GenAI LibGuide, AI Challenge, Consensus enterprise license, three parallel subject-library AI guides), making it simultaneously a governance voice and a public navigation layer for UVA's distributed AI governance architecture.

The UVA Library system comprises the main Library (anchored by Shannon Library), the Claude Moore Health Sciences Library, and the Darden Business Library. Each maintains a distinct AI resource guide oriented to its user community. A coordinated Library AI team operates through the libraryai@virginia.edu contact point. Under Lo's deanship (effective September 15, 2025), the Library has taken on an institution-wide AI literacy mandate that extends beyond traditional library services into governance, policy, and cross-unit curriculum collaboration.

14.1 Governance & Policy

University of Virginia Archival AI Protocol

Lo and the UVA Special Collections team developed the University of Virginia Archival AI Protocol (UVA AAIP), released as Version 1.1 on January 27, 2026, and deposited in Libra Open as a living document subject to periodic review. The Protocol establishes a practical standard governing how AI systems may access and use archival collections. Its central distinction is between AI foundation model training, which permanently changes an institution's relationship with its collections because data absorbed in training cannot be meaningfully extracted, and retrieval-based AI systems, which keep source materials under organizational control and preserve the provenance chain. Lo describes this as "the great divide."

The Protocol is built on three foundational pillars: Provenance and Attribution (traceability, linking, and credit in AI systems); Donor, Community, and Ethical Obligations (honoring commitments made

in deeds of gift, transfer documentation, and purchase agreements); and Institutional Accountability (the "right to stop" — contractually enforceable control to halt further use). Access to archival materials is conditioned on demonstrated item-level provenance, meaningful attribution, and contractually enforceable institutional accountability, with a presumption against approval for broad commercial training where those conditions cannot be met.

The Protocol also provides a decision framework, model contract clauses for deeds of gift and vendor agreements, minimum provenance standards for AI-generated citations (Appendix B, specifying citation at the source item level including collection ID, item ID, holding organization, and access link, plus logging of interactions and citations shown to users), and a phased implementation plan. The Protocol is released under CC BY 4.0 as an open implementation resource for adoption by memory institutions of any size and type. An adoption guide and implementation toolkit is available separately. Lo's companion essay, "Memory Without Origin: Why Research Libraries and Archives Need Governance Infrastructure for the AI Training Era," presents the rationale. The Protocol has been cited externally as one of the first institutional responses to what archivists have described as the paradata deficit in AI-archives governance.

This is the only documented AI governance instrument at UVA that specifically addresses archival and cultural heritage materials. It complements, rather than overlaps with, IRM-002 (acceptable use), IRM-003/IRM-004 (information protection and security), the University Data Protection Standards, and ITS's Responsible Use of Generative AI Tools guidelines, which collectively govern operational AI tool use but do not address the distinct question of how unique cultural heritage materials may be used to train third-party AI systems (see Unit 15).

Statement of Shared Practice on AI and Archives

On April 3, 2026, the Library launched the Statement of Shared Practice, a voluntary 12-month commitment among libraries, archives, and memory institutions to common standards when evaluating AI training requests. UVA Library is the coordinating institution. The Statement was developed following an Association of Research Libraries peer-to-peer session attended by representatives from more than 42 institutions and refined based on feedback from a founding cohort, institutional counsel, and colleagues across the profession.

Founding signatories include Duke University Libraries, Florida State University Libraries, Northwestern University Libraries, Oklahoma State University Library, Rice University (Fondren Library), Tulane University Libraries, University of Florida (George A. Smathers Libraries), University of Rochester (River Campus Libraries), University of Wisconsin-Madison Libraries, Washington University in St. Louis Libraries, and Wayne State University Libraries. Endorsement is open to any institution that stewards unique cultural collections, and requires the signature of a senior leader (dean, director, university librarian, state archivist, or equivalent).

Signatories commit to six shared principles: classify AI requests as retrieval, fine-tuning, general model training, or evaluation; separate digitization agreements from AI training rights; require provenance and transparency; prefer retrieval-based approaches; apply heightened scrutiny to broad training where meaningful control and provenance are not realistic; and contribute to a confidential shared ledger of AI training request types and general terms. The shared ledger gives participating institutions insight

into how peers are approaching similar requests and moves the profession away from siloed decision-making. Lo is quoted framing the initiative: "No institution should have to evaluate these requests in isolation, without shared definitions, without a professional standard to point to, and without a community of peers navigating the same challenges."

The Statement of Shared Practice is built on the UVA Archival AI Protocol — translating the Protocol's principles into a collective commitment any institution can endorse. It is focused on archival and special collections and does not cover widely held published works; each institution retains full independent authority over its own access decisions. Contact point for the initiative: Elyse Girard, Executive Director of Assessment, Communications & User Experience.

Informational Governance Role

Beyond the Protocol and Statement, the Library's broader AI governance role is informational rather than regulatory: it aggregates and organizes AI guidance from across the institution. The GenAI LibGuide links to the Provost's Office, Vice President for Research, Honor Committee, ITS, Center for Teaching Excellence, and school-specific AI resources, making the Library a de facto navigation hub for UVA's decentralized AI governance. The libraryai@virginia.edu address is the public-facing contact point for a coordinated Library AI team spanning instructional, data services, and collections expertise.

14.2 People

Leo S. Lo — Dean of Libraries and University Librarian (effective September 15, 2025); Advisor to the Provost on AI Literacy; Professor of Education (courtesy appointment in the School of Education and Human Development). Joined UVA in September 2025 from the University of New Mexico, where he directed University Libraries, UNM Press, and the Organization, Information & Learning Sciences academic programs, and created a campus-wide AI Literacy Initiative. Educational background: EdD from the University of Pennsylvania; MFA in Screenwriting from Hollins University; MLIS from Florida State University; MA in Survey Research from the University of Connecticut; postgraduate diploma in Artificial Intelligence for Business from the University of Oxford Saïd Business School. Served as 2024–25 President of the Association of College and Research Libraries, where he established the Task Force on AI Competencies for Library Workers. Forthcoming book: "AI and the Future Workforce: A Reskilling Guide for Academic Libraries" (ACRL). Has delivered over 100 presentations on AI literacy in the two years preceding his UVA appointment; delivered the 2026 *Lectio Magistralis* at the University of Florence on the "AI Answer Economy" thesis. Principal AI writings: the UVA Archival AI Protocol (v1.1, January 2026); the accompanying essay "Memory Without Origin: Why Research Libraries and Archives Need Governance Infrastructure for the AI Training Era"; and the AI Literacy Framework (Lo, 2025) of five linked competencies that now anchors the AI Literacy and Action Lab. Will co-teach a new University Seminar, "Thinking in the Age of AI," in fall 2026, with librarians from the Lab's working group; the seminar focuses on "cognitive agency" — deliberate decisions about which intellectual tasks to delegate to AI and which to preserve for one's own judgment.

Interim Provost Brie Gertler described Lo's appointment in explicit AI terms at the Board of Visitors meeting: "He brings a wealth of experience to the position, and his expertise in AI literacy will be invaluable in helping to equip our students and faculty for a world permeated by this technology."

Meridith Wolnick — Director of Teaching & Learning, UVA Library. Lab facilitator for the AI Literacy and Action Lab Economics (Korinek) and High Schools & Literature (Gelly) pilots. Public framing: "I'm excited about the opportunity to help students navigate AI tools in ways that are thoughtful, critical, and grounded in the kinds of literacies the Library has always supported." Co-facilitator with Sherri Brown on the Gelly pilot.

Erich Purpur — Librarian; co-teaches with Anton Korinek and two other librarians in the Spring 2026 Economics & the Future of Work pilot course, running hands-on workshops on coding with AI agents (Claude Code, Google Antigravity, OpenAI Codex) and sessions on the critical thinking and ethics dimensions of the Lo AI Literacy Framework.

Rebecca Coleman — Librarian; co-teacher on the Economics & the Future of Work pilot with Korinek, Purpur, and Wolnick.

Sherri Brown — Lab facilitator on the Gelly High Schools & Literature pilot, co-leading sessions on the critical thinking and ethical awareness dimensions of the AI Literacy Framework.

Bethany Mickel — Teaching and Learning team; served on the AAC&U Institute on AI, Pedagogy, and the Curriculum team (2024–25); contributes to OER-AI learning communities; co-instructor on the AI4VA summer partnership.

Erin Pappas — Co-instructor on the AI4VA summer partnership with Mickel and Purpur.

Ricky Patterson — Director, Research Data Services & Social, Natural, and Engineering Sciences; served on the 2024 Provost's Task Force on AI Research. One of the Library's primary AI-research-infrastructure liaisons across units.

Jenn Huck — Associate Director of Research Data Services & Social, Natural, and Engineering Sciences; liaison to the School of Data Science; authored the April 15, 2026 "To avoid AI hallucinations, try Consensus" Library news post explaining Consensus's search-first architecture.

Elyse Girard — Executive Director of Assessment, Communications & User Experience; public contact for the Statement of Shared Practice.

Christa Acampora — Dean of the College and Graduate School of Arts & Sciences. Not Library personnel, but Lo's joint-venture partner on the AI Literacy and Action Lab. Public framing: "As artificial intelligence becomes more capable, genuine human intelligence will become increasingly more valuable — we owe it to our students and faculty to prepare them for this transformation."

14.3 Teaching & Curriculum

AI Literacy and Action Lab

Announced April 17, 2026 as a joint venture between UVA Library and the College and Graduate School of Arts & Sciences. The Lab is the single most structured AI literacy program currently operating at UVA. It is grounded in Lo's AI Literacy Framework (2025), organized around five linked

competencies (technical knowledge, ethical awareness, critical thinking, practical skills, and understanding AI's societal impact), with each competency structured across four progressive levels of mastery from basic awareness to strategic application. The framework has been adopted by peer institutions nationally, which Lo cites as validation of the approach.

The Lab's operating model pairs faculty disciplinary expertise with librarian-led AI literacy instruction. Faculty bring a course, assignment, or research project to the Lab; the project is mapped against Lo's AI Literacy Framework; trained librarian facilitators in the five competencies are matched with the faculty team and co-teach dedicated sessions. Every pilot produces a published case study with faculty co-authorship, contributing to what Lo and Acampora describe as a growing national evidence base on AI literacy development in disciplinary contexts. This evidence-producing orientation is the Lab's distinctive claim. Lo's framing: "people develop AI literacy not by attending workshops about AI, but by using the technology to advance work they care about and reflecting on what happened."

Four pilot projects are underway or confirmed:

Pilot 1 — Economics & the Future of Work (Spring 2026). Anton Korinek (Professor of Economics; Faculty Director, Economics of Transformative AI Initiative; TIME100 AI honoree) co-teaching with librarians Erich Purpur, Meridith Wolnick, and Rebecca Coleman. Two dedicated sessions: a hands-on workshop on coding with AI agents (Claude Code, Google Antigravity, OpenAI Codex), and a session on the critical thinking and ethics dimensions of the AI Literacy Framework. Students develop original group projects analyzing how AI is reshaping employment, economic growth, and inequality.

Pilot 2 — High Schools & Literature (Spring 2026). Piers Gelly (Assistant Professor of English) with Lab facilitators Meridith Wolnick and Sherri Brown. First-year writing students develop AI-informed lesson plans for Tim Klobuchar's AP English and English 11 classes at Monticello High School, interviewing the teacher and his students as part of the project. Session focus: critical thinking and ethical awareness.

Pilot 3 — Philosophy & Society (Fall 2026). David Danks (Polk JSF Distinguished University Professor of Philosophy, Artificial Intelligence, & Data Science) guides student projects applying philosophical ideas to real-world or potential uses of AI. Focus: helping students develop the cognitive skills to critically evaluate and validate AI outputs rather than rely on them uncritically.

Pilot 4 — AI Literacy & STEM (Fall 2026). Andreas Gahlmann (Associate Professor of Chemistry and Molecular Physiology and Biological Physics) integrates AI-scaffolded active learning into biochemistry courses.

Summer 2026 Community Partnership — AI4VA. The Lab's first dedicated community upskilling engagement. Co-hosted with AI4VA (UVA Online Education and Digital Innovation's virtual Rüpen consulting program matching students with Virginia small businesses and nonprofits, May–July 2026). Bethany Mickel, Erich Purpur, and Erin Pappas are co-instructors developing asynchronous learning resources grounded in the AI literacy framework and co-hosting weekly summer office hours.

The Lab's planned structure includes faculty course pilots, a flagship one-credit seminar, a series of three one-credit courses, and an incubator pathway for projects that extend beyond a single semester.

Lo's fall 2026 University Seminar "Thinking in the Age of AI," co-taught with librarians Bethany Mickel, Erich Purpur, and Erin Pappas, is the current flagship vehicle: the seminar targets "cognitive agency" (observing, classifying, and evaluating one's own AI use) rather than prompt engineering; students audit their own AI usage history in the first week and use AI to analyze the audit by the end.

AI Literacy Across the Disciplines (Fall 2026)

The Lab's three one-credit disciplinary seminars are now named and scheduled, all taught by College faculty. Matthew Hedstrom (Religious Studies and American Studies) teaches "Learning with AI in the Humanities: Reading and Writing with LLMs," examining the possibilities and perils of reading and writing in collaboration with AI tools, Fridays at 10 a.m. Paul Torrey (Astronomy) teaches "Learning with AI in the Sciences: Tools, Limits, and Opportunities," on AI's impact on scientific discovery, workflows, and education, Wednesdays at 2 p.m. Matthew Burtner (Music) teaches "Yeou Agnt: Creative Composition, Agency, and the AI Corpus," in which students build original AI agents as tools for personal creative composition, Thursdays at 10:30 a.m. The Cavalier Daily covered the three courses in May 2026; Lo said they are intended to engage students in ethical conversations about AI and train them as leaders in the AI world. Inside Higher Ed covered the Lab's overall delivery model nationally on May 1, 2026, describing the pilots, the flagship seminar, the course series, and the incubator pathway.

Ethical Dimension of AI Literacy Series

Launched by Lo in late January 2026 as the Library's public-facing AI speaker series. Lo's inaugural talk on January 21, 2026, "Memory Without Origin: Provenance, Consent, and Trust in the Age of Generative AI," was originally scheduled for the Shannon Library Seminar Room but moved to the Harrison/Small auditorium due to registration demand. The talk introduced what the Archival AI Protocol page now formalizes as the Public Memory Protocol, and argued that information without origin is a liability: "We are at risk of trading long-term control for short-term convenience. Libraries need to be AI-literate in order to maintain control of our archives as well as institutional trust."

The spring 2026 series continued with David Danks's Library talk on March 18, 2026 — "A practical approach to AI ethics that yields processes and tools for designers, regulators, and users, grounded in real case studies." Additional spring 2026 presentations are hosted through the Library events calendar and are announced through the UVA Library news feed and the AI Exchange @UVA newsletter. The series positions the Library as a venue for the public intellectual engagement on AI that typically occurs in academic departments.

AI Challenge

Ten hands-on activities designed to help UVA students, faculty, and researchers explore generative AI in academic and creative contexts, adapted from a Clemson University framework. Activities are self-contained, promote active learning, critical thinking, and reflection, and cover text, images, and multimedia. The AI Challenge is structured as informal curriculum for independent AI literacy development, complementing the Lab's course-based pilots.

GenAI LibGuide — Educational Content

The GenAI LibGuide is a comprehensive multi-tab guide that functions as informal curriculum for institution-wide AI literacy. Tabs cover what generative AI is, ethical considerations, copyright and intellectual property implications, available tools, UVA Copilot Chat usage, Consensus usage, and how to document and cite AI-generated content. Each tab links back to authoritative UVA sources (Provost, VPR, Honor Committee, ITS, CTE) as well as external resources. The guide is maintained by the Library AI team and serves as the most integrated public-facing AI reference point at UVA.

AI in Education LibGuide

A separate, curated guide highlighting books, news, and podcasts about AI in education, designed to help users track emerging trends and debates in AI and higher education. Updated continuously as new resources are identified.

Library Workshops — AI Tools

The Library's Research Data Services hosts AI Tools as a designated workshop category in its regular training offerings, alongside R, Python, Stata, and other methodological topics. Past workshops are archived by topic for asynchronous access.

14.4 Tools & Technology

Consensus Enterprise License

UVA holds an enterprise license for Consensus, an AI-powered academic search engine built on the Semantic Scholar dataset of approximately 200 million peer-reviewed documents. Available to all UVA users via UVA email. Unlimited Pro searches and 50 Deep Searches per month per UVA account. LibKey integration provides direct access to full-text UVA-licensed content. Consensus operates as a closed retrieval-based system: its large language model operates within the universe of peer-reviewed literature, every claim links to a real paper, and a "search first" architecture runs the literature search before generating AI synthesis. Consensus also exposes an MCP (Model Context Protocol) connector that integrates with Claude and ChatGPT, and offers three pre-built Claude Skills that UVA users may import and adapt.

Jenn Huck's April 15, 2026 Library news post on Consensus documents the Library's framing of the tool as a structural response to generative AI hallucinations. Huck distinguishes three hallucination types and argues Consensus is structurally immune to the first two (fake sources and wrong citations): "It is not possible for Consensus to make up fake sources or cite wrong facts." The third type (hallucinated summaries) remains technically possible but is minimized by Consensus's "checker models" that verify paper relevance before inclusion. The post explicitly positions Consensus as the Library's preferred tool for AI-assisted academic research where citation accuracy matters, in contrast to open-domain chatbots that produce fabricated citations at documented rates.

Library Databases with AI Features

The Library maintains a dedicated LibGuide cataloguing AI-enhanced features in existing UVA research databases. Documented integrations include Consensus, Scite (trial), Sage AI Assistant (beta), Web of Science Smart Search (embedded generative AI search layer; traditional Advanced Search remains available), LinkedIn Learning AI coaching, ProQuest Ebook Central Research Assistant,

ProQuest Research Assistant in selected products, Oxford Academic AI Discovery Assistant, and O'Reilly Answers on the O'Reilly for Higher Education platform. The guide notes where AI features are UVA-accessible versus disabled (Web of Science's separate Research Assistant is not licensed for UVA). This is the most complete public inventory of AI features embedded in UVA's subscription research infrastructure.

UVA Copilot Chat (Library Guide)

The Library maintains a Microsoft Copilot Chat sub-guide within the GenAI LibGuide documenting UVA Copilot Chat eligibility, the separate tenant structure for Darden and Law, the student exclusion from Copilot for Microsoft 365, login troubleshooting, and the "Protected" badge verification procedure. This is the most comprehensive public documentation of UVA's Copilot landscape (see Unit 15 for the ITS-owned policy layer).

Claude Moore Health Sciences Library — AI @ HSL

The Health Sciences Library's AI @ HSL guide addresses the clinical AI context distinctively. A signature feature is an automated PubMed feed of UVA-affiliated AI publications, generated from a PubMed search strategy filtering for UVA affiliation combined with "Artificial Intelligence," "Large Language Models," or "Retrieval Augmented Generation" in the title or abstract. The feed provides a continuously updated public view of UVA's biomedical AI research output. The HSL also offers workshops on basic GenAI guidelines and prompt engineering, code assistance, data analysis, and literature searching; group-specific sessions are available by request to hsl-rdas@virginia.edu.

Darden Business Library

Darden's Library maintains a separate AI and Data Science guide tailored to business analytics and AI research tools, consistent with Darden's separate Microsoft tenant and distinctive AI teaching landscape (see Unit 4). Coordination between Darden's guide and the main Library's GenAI LibGuide is not publicly documented in detail.

14.5 Research & Scholarship

UVA Archival AI Protocol as Scholarly Contribution

The Protocol is simultaneously a governance instrument and a scholarly output. Deposited in Libra Open under CC BY 4.0 (DOI <https://doi.org/10.18130/jbeg-a995> for the implementation toolkit), it represents one of the first institutional responses to what external commentators have described as the paradata deficit in archival AI governance: the need for process-level documentation of which items were used for training, which model parameters were applied, which transformations occurred, and who authorized each step. Andrew Potter's substack essay "No Access Without Control" (2026) analyzes the Protocol's Appendix B minimum provenance standard as "the profession's best current attempt to create paradata for AI systems using archival materials." Lo's accompanying essay, "Memory Without Origin: Why Research Libraries and Archives Need Governance Infrastructure for the AI Training Era," is separately deposited in Libra Open as the rationale document.

AI Literacy Framework (Lo, 2025)

Lo's five-competency framework anchors both the AI Literacy and Action Lab and the Protocol's educational complement. It is cited in the Lab's public documentation as already adopted by peer institutions. The framework organizes learning around technical knowledge, ethical awareness, critical thinking, practical skills, and understanding AI's societal impact, with each competency structured across four progressive levels of mastery. It is distinct from competing AI literacy frameworks in its insistence on action (the "Action" in the Lab's name) and in its structured generation of disciplinary case studies as evidence.

Library Sprints

The Library offers Library Sprints, an intensive three-to-five-day program pairing faculty and staff with teams of expert librarians, technologists, and information specialists to advance a defined research project or pedagogical challenge. Applications for the 2026 cohort closed March 2, 2026. While not exclusively AI-focused, the program's structure supports AI-adjacent digital scholarship including data-intensive archival work and digital humanities projects.

External Scholarly Engagement

Lo's external presence extends UVA Library's AI governance voice into the national and international conversation. The 2026 *Lectio Magistralis* at the University of Florence presented the "AI Answer Economy" thesis: that the old library bottleneck was discovery (helping people find information), and the new bottleneck is judgment and verification (helping people evaluate the answers they are already receiving). Lo's forthcoming ACRL book on AI workforce reskilling for libraries is positioned to extend the framework nationally. The Statement of Shared Practice, with its twelve founding signatory institutions, provides a coordinated peer network for continuing governance work.

14.6 Events & Programming

AI Literacy and Action Lab launch event — April 17, 2026. Announced through UVA Library news, UVA Today, Business Wire, Newswise, and local broadcast coverage. Acampora and Lo served as joint public spokespersons.

Ethical Dimension of AI Literacy Series (Spring 2026). Described under Teaching & Curriculum. Opening lecture January 21, 2026 (Lo, "Memory Without Origin"). Second lecture March 18, 2026 (David Danks, practical AI ethics). Additional spring presentations continue through the Library events calendar.

Honor Week AI Panel — February 20, 2026. Lo served as panelist alongside Thomas Ackleson (Honor Committee Chair), Mona Sloane (Data Science/Media Studies), Matthew Kirschenbaum (English), and Ella Duus (graduate Batten student). Topics included AI detection software, a proposed mandatory AI general education course, and whether the University should implement a general AI policy.

Co-Opting AI: Libraries Panel — November 2025. Hosted by Mona Sloane through the Digital Technology for Democracy Lab on AI and libraries as social infrastructure. Held within weeks of Lo's arrival; positioned national library leadership voices in conversation with UVA's emerging AI literacy agenda.

Statement of Shared Practice announcement — April 3, 2026. Library news release with founding cohort visualization; announced through the Society of American Archivists Connect community and the Association of Research Libraries network.

"To avoid AI hallucinations, try Consensus" — April 15, 2026. Jenn Huck Library news post framing Consensus as the Library's preferred tool for AI-assisted research where citation accuracy matters.

May 2026 press cycle on the Lab's course slate. The Cavalier Daily reported the three "AI Literacy Across the Disciplines" pilot courses with Lo's framing of their goals; Inside Higher Ed covered the Lab's full delivery model nationally on May 1, 2026.

Lectio Magistralis, University of Florence — 2026. Lo delivered the annual "master lecture" on AI, libraries, and the "AI Answer Economy." Coverage in UVA Library news.

Gaps and Observations

The Library's AI role transformed in the nine months between Lo's arrival (September 15, 2025) and this snapshot date (June 9, 2026). The pre-Lo Library was primarily an information aggregator: the GenAI LibGuide, the Consensus enterprise license, the AI Challenge, the three-library model. The post-Lo Library is a governance voice, a framework producer, a cross-institutional coordinator, and a curriculum-embedded teaching partner. The Archival AI Protocol is a governance instrument. The Statement of Shared Practice is a national coordinating instrument. The AI Literacy and Action Lab is a curriculum instrument. The "Ethical Dimension of AI Literacy" series positions the Library as a convening venue for public intellectual engagement on AI. None of these existed at UVA Library before Lo.

This expansion is unusual. Most research universities treat the library as an AI resource hub and defer AI governance to the CIO, the CISO, the Provost, and discipline-specific faculty. UVA has added a fifth node: Lo's dual title (Dean of Libraries + Advisor to the Provost on AI Literacy) gives the Library a formal governance seat that most peer libraries do not hold. Whether this model is replicable elsewhere, or whether it reflects something specific about UVA's distributed governance structure combined with Lo's unusual credentials (ACRL presidency, Oxford AI for Business diploma, UNM AI Literacy Initiative), is an open question. The Statement of Shared Practice cohort, twelve institutions signing onto a UVA-coordinated framework within weeks of its launch, suggests the approach has traction.

The three-library model (main Library, Claude Moore Health Sciences Library, Darden Business Library, each with distinct AI guides) reflects UVA's decentralized governance. Coordination among the three guides is not publicly documented in detail. The HSL's automated PubMed feed of UVA AI publications is a distinctive feature: it provides real-time visibility into UVA's biomedical AI research output that does not appear elsewhere in the University's public-facing AI communications. Whether the main Library's GenAI LibGuide will eventually absorb parallel features from the HSL and Darden guides, or whether the three guides will continue to run in parallel, is not documented.

The AI Literacy and Action Lab's evidence-producing orientation, in which every pilot produces a published case study contributing to a national evidence base, is a distinctive claim. Lo and Acampora

position the Lab against three alternative models (drop-in studios, resource centers, standalone courses, research institutes) by promising structured, evidence-based AI literacy development embedded directly in disciplinary work. Whether that promise will be realized depends on the quality of the case studies produced, the willingness of faculty partners to participate under the framework's constraints, and the Lab's ability to scale beyond the initial pilots to the "all UVA schools and disciplines and eventually beyond Grounds" vision Lo has articulated. At the snapshot date the Lab is roughly seven weeks old: the spring pilots have concluded their semesters, the summer AI4VA engagement is beginning, the fall course slate is named and scheduled, and no case studies have yet been published. The first published case studies will be the test of the model.

The Consensus license is a notable institutional investment in AI-powered research tools that predates Lo's arrival, and its continued prominence in Library communications, including Huck's April 15 post explicitly framing it as a hallucination-avoidance tool, signals that the Library sees Consensus as a structural answer to a structural problem (AI citation hallucinations in scholarly work). The Library's guide to AI-enhanced databases documents a broader suite of AI features embedded in subscription research infrastructure: the kind of practical AI tool integration that often goes undocumented in institutional AI inventories.

Lo's trajectory as an external AI literacy figure (ACRL president establishing a Task Force on AI Competencies for Library Workers, Oxford AI for Business diploma, campus-wide AI Literacy Initiative at UNM, Advisor to the Provost at UVA, Archival AI Protocol author, Statement of Shared Practice coordinator, Lectio Magistralis speaker, 100+ national presentations, forthcoming ACRL book) gives UVA Library a national voice on AI literacy and governance that is larger than the Library itself. The public-signaling consequences for UVA are outside this dossier's scope but belong in Part I Section IX.

Cross-References

- **Provost's Office & CTE (Unit 17):** Lo is Advisor to the Provost on AI Literacy; the AI Literacy and Action Lab is a joint venture with the College (which reports to the Provost); the GenAI LibGuide links to Provost guidance and CTE resources; Gertler announced Lo's AI advisory role at a Board of Visitors meeting.
- **College of Arts & Sciences (Unit 1):** AI Literacy and Action Lab is a joint venture with the College under Dean Christa Acampora; Piers Gelly (English) and Andreas Gahlmann (Chemistry/Biology) are pilot faculty; David Danks (Philosophy/SDS joint) runs the fall Philosophy & Society pilot; Matthew Hedstrom (Religious Studies), Paul Torrey (Astronomy), and Matthew Burtner (Music) teach the fall 2026 one-credit AI literacy courses.
- **School of Medicine (Unit 7):** Claude Moore Health Sciences Library operates separately with its own AI @HSL guide and automated PubMed AI feed; HSL workshops address clinical AI contexts.
- **Darden School of Business (Unit 4):** Darden Business Library maintains separate AI and Data Science guide; Anton Korinek (joint Economics/Darden appointment) is lead faculty on the Economics & the Future of Work Lab pilot.

- **ITS & CIO (Unit 15):** Consensus enterprise license coordinated through ITS; Library maintains the primary public-facing UVA Copilot Chat documentation; Ricky Patterson served on the 2024 Provost's Task Force on AI Research alongside ITS representation.
- **School of Education and Human Development (Unit 9):** Lo holds courtesy faculty appointment in Education; AI literacy curriculum development has natural alignment with EHD's AI in teaching focus.
- **School of Data Science (Unit 3):** David Danks (Philosophy/SDS joint) spoke in the Ethical Dimension of AI Literacy series and leads the fall Philosophy & Society Lab pilot; Jenn Huck is the Library liaison to SDS.
- **OVPR (Unit 16):** UVA Archival AI Protocol sits alongside VPR's Research Integrity & AI guidance as the institution's two public-facing documented AI research-ethics instruments.
- **NSDPI (Unit 19):** Sloane (NSDPI-affiliated) participated in the November 2025 Co-Opting AI libraries panel hosted through the DTD Lab.
- **Honor Committee (covered in Part I Section V):** Lo participated in the February 2026 Honor Week AI panel alongside Ackleson, Sloane, Kirschenbaum, and Duus.
- **Part I, Section VII (Library & Information Literacy Signals):** This unit's activity constitutes the bulk of Part I Section VII.
- **Part I, Section IV (Tool Ecosystem & Procurement Governance):** Consensus enterprise license; AI-enhanced database guide.
- **Part I, Section I (Institutional AI Governance Architecture):** The UVA Archival AI Protocol and Statement of Shared Practice add archival governance and peer-coordination layers to the architecture previously dominated by ITS policy and Provost-level bodies.
- **Part I, Section IX (Public Statements & Executive Signaling):** Lo's national AI literacy profile (ACRL presidency, Lectio Magistralis, forthcoming ACRL book) is a significant component of UVA's external AI signaling.

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15.

Unit 15. Information Technology Services & Office of the CIO

KEY SIGNALS

ITS operates the two enterprise AI platforms that define how University employees and researchers interact with generative AI: UVA Copilot Chat (Microsoft, faculty/staff/students on the central A5 license) and UVA RC GenAI (a Kimi K2.5 trillion-parameter open-source model running on eight NVIDIA H200 GPUs, launched March 30, 2026 for the research community). The IRM-002 acceptable use policy, the Responsible Use of Generative AI Tools guidelines (July 8, 2024), and the University Data Protection Standards form the operational policy layer; IRM-002 was amended in February 2025 to prohibit DeepSeek on University devices and networks in compliance with Virginia Executive Order 46. Research Computing runs four systems (Rivanna, Afton, Rio, and Ivy) with more than 900 HPC nodes, 48,000 compute cores, and GPU capabilities including an 18-node DGX BasePOD and HGX H200 nodes added April 3, 2025. The Board of Visitors Buildings and Grounds Committee approved the schematic design for a \$72M research data center at Fontaine Research Park in March 2026, with a 4-MW initial capacity expandable to 16 MW and a target online date of 2029. CIO Kelly Doney, a 2025 CapitalCIO ORBIE Awards finalist, articulated the posture as "innovation without losing control" in the February 2026 AI Exchange @UVA podcast, emphasizing structured pilots, scalable infrastructure, and fiscal discipline over hype-driven adoption. The decentralized tenant structure — with UVA Health, Darden, and Law on separate Microsoft tenants and Engineering operating independent IT infrastructure — means the central Copilot license does not reach the entire University.

Information Technology Services is UVA's central IT organization, reporting to Executive Vice President and Chief Operating Officer J.J. Wagner Davis through Vice President and Chief Information Officer Kelly Doney. ITS manages more than 100 products and services for over 28,000 employees and 26,000 students across the academic division. The office comprises the Office of the CIO, Enterprise Infrastructure, Enterprise Applications, Support Services & Learning Technologies, Information Security (InfoSec), Custom Applications & Consulting Services, and Research Computing. UVA Health, the Darden School, the School of Law, and the Engineering School operate separate IT environments with their own infrastructure, licensing, and in some cases their own Microsoft tenants. This fragmentation shapes every AI-related governance decision ITS makes: the central "One ITS" is not the only IT organization on Grounds, and the central Copilot license does not cover every person with a UVA affiliation.

15.1 Governance & Policy

IRM-002: Acceptable Use of the University's Information Technology Resources

UVA Policy IRM-002 governs acceptable use of all University IT resources, explicitly including artificial intelligence tools such as UVA Copilot within the definition of "Information Technology Resources." The policy applies to employees, contractors, students, and affiliates across all University units including the College at Wise. IRM-002 is supervised by the University Policy Office and is the anchor policy that the ITS-published generative AI guidance operationalizes.

On February 17, 2025, the University amended IRM-002 to implement Virginia Governor Glenn Youngkin's Executive Order 46, which prohibits DeepSeek AI applications on state-owned devices and state-maintained networks. CIO Kelly Doney and UVA Health Chief Information and Technology Officer Robin Parkin issued a joint message to University employees explaining the change. Students were placed under parallel restrictions by the Office of the Vice President and Chief Student Affairs Officer Kenyon Bonner: no downloading or use of DeepSeek on devices connected to UVA wired or wireless networks, and no downloading or use on University-issued, owned, or leased devices. The restrictions do not reach personal devices on personal networks. The message also flagged an open question about whether the order prohibits on-premises, offline deployments of DeepSeek large language models and their derived data; UVA was seeking clarification and, if necessary, an exemption, and was instructing holders of such deployments to preserve models and data according to University record retention schedules in the interim.

Responsible Use of Generative AI Tools at UVA

ITS published the Responsible Use of Generative AI Tools at UVA guidelines on July 8, 2024. The document defines generative AI, identifies use contexts that require additional care, addresses potential bias in AI outputs, raises liability considerations, and establishes that users acknowledge AI assistance when sharing content generated with such tools. The guidelines are authoritative across the academic division and are referenced by unit-level AI policies including the School of Medicine MD Program policy, which explicitly treats ChatGPT, Copilot, Gemini, Claude, DeepSeek, and Dall-E under its scope while deferring to ITS on data handling.

University Data Protection Standards

The University Data Protection Standards (UDPS), which implement IRM-003 (Protection of University Information), establish four data classifications: Highly Sensitive, Sensitive, Internal Use, and Public. The classifications govern where data may be stored, how it may be transmitted, and — in the generative AI context — what data may be entered into AI prompts. Sensitive data may be used in UVA Copilot prompts. Highly Sensitive data cannot be entered into any generative AI tool, including UVA Copilot. The Library's GenAI guidance, the Provost's Office FAQ, and ITS's own Responsible Use document all refer back to the UDPS as the controlling standard for what can be shared with any AI tool under any circumstances.

IRM-004: Information Security of University Technology Resources

IRM-004 specifies the University's information security standard and explicitly names artificial intelligence tools, including generative AI tools such as UVA Copilot, within the category of IT resources subject to security risk management. The October 20, 2025 revision removed a prior

reference to "UVACHat+" from the IT resources definition, narrowing the policy's explicit AI coverage to the Copilot stack and IRM-004's general AI language. Risk management under IRM-004 is required by state and federal regulation including the Gramm-Leach-Bliley Act and HIPAA. The InfoSec office, a division of ITS, is the operational home for this function.

IT Governance Committees

ITS operates a committee structure that channels faculty, unit IT, and stakeholder input into central IT decisions. The Information Technology Advisory Committee (ITAC) advises the VP-CIO on overall IT strategy and is the senior governance body. The Information Technology Security Advisory Committee advises the Chief Information Security Officer on the SecureUVA program. The Microsoft 365 Advisory Committee advises ITS on Microsoft tool adoption and on the transition of students from Google to Microsoft 365. The Research Computing Faculty Advisory Committee advises the Associate Vice President for Research Computing on the RC service catalog. The Identity and Access Management Advisory Committee addresses IAM data governance. These committees are the structural means by which decisions about the Copilot rollout, the UVA RC GenAI launch, and the research data center project reach faculty and administrative stakeholders for input before implementation.

Cybersecurity Posture on AI

UVA InfoSec's 2026 cybersecurity predictions page frames the threat environment as an "AI-driven arms race." The office identifies hyper-personalized AI phishing, autonomous malware, AI-driven reconnaissance, and agentic attacks as emerging threat categories, and places securing AI systems and managing AI agent risks in the "Secure AI" pillar of its 2026 priorities. Quantum readiness and Zero Trust identity and access management round out the predictions, reflecting the office's view that generative AI is now a dimension of security practice rather than a standalone compliance question.

15.2 People

Kelly Doney — Vice President and Chief Information Officer. Joined UVA in August 2023 from Villanova University, where she served as VP and CIO managing a team of 120 across research computing, information security, academic technologies, administrative computing, and business intelligence. Prior roles include Vice President of Digital Transformation at Ellucian (the Reston-based higher-ed software provider), Associate Vice President for Enterprise Applications at Georgetown University, and IT management and consulting positions at Deloitte Consulting and Booz Allen Hamilton. Holds a bachelor's degree in music and psychology from Ithaca College, a Master of Science in experimental psychology from Syracuse University, and completed post-master's graduate work at Rice University. Named a finalist for the 2025 CapitalCIO ORBIE Awards, which honor CIOs who have demonstrated excellence in technology leadership. Principal public AI statement: February 2026 AI Exchange @UVA podcast episode "AI and the University, Innovation Without Losing Control," framing UVA's approach around structured pilots rather than hype-driven adoption, and raising AI pricing structure and tokenized billing as material constraints on university-scale AI deployment. Also quoted at the March 7, 2025 Board of Visitors Finance Committee on research data center need: "We

can already see that our researchers are experiencing significant delays in their ability to access the computational resources."

Dana German — Deputy CIO, with responsibility for IT Finance, Administration, and Learning. Served as Interim VP and CIO from January 2023 through Doney's arrival in August 2023. Returned to her prior deputy role upon Doney's appointment. Public-facing statements on AI not identified.

Josh Baller, PhD — Associate Vice President for Research Computing. Computational biologist by training (Google Scholar citations span computational biology, machine learning, molecular biology, genome evolution, and epigenetics). Public-facing figure on UVA's research computing story: quoted in the March 2025 Board of Visitors Finance Committee presentation that building an on-premise data center would be substantially less expensive than commercial cloud (roughly 5x more expensive for cloud storage) or colocation. Quoted on the November 2025 NVIDIA DGX BasePOD announcement: "This rare computing capability is a powerful resource that will help attract and retain top-tier researchers, including those doing work on medical research, the UVA Grand Challenges and other projects that may involve AI, including machine learning." Office located at Michie North, 918 Emmet Street.

Jacalyn "Jackie" Huband, PhD — Assistant Director of the Data Analytics Center (DAC) within Research Computing per the RC people page; the AI Exchange @UVA podcast describes her as directing the center. A former defense-contractor programmer and tenured computer science faculty member, she facilitates researchers transitioning code onto UVA's high-performance computing systems and serves as the contact for the DAC's AI Specialist hiring, a role supporting deep learning and large language model projects in both standard- and high-security zones. Appeared with Baller on the May 2026 AI Exchange @UVA podcast on the future of Research Computing.

Robin Parkin — Chief Information and Technology Officer, UVA Health. Co-signed the February 18, 2025 DeepSeek restriction message with Doney. Operates the UVA Health Microsoft tenant separately from the central academic tenant.

Gladys K. Andino, PhD — Strategic Services and Education Manager, Research Computing. Leads the student worker program that supports RC operations while providing undergraduates early HPC and scientific computing exposure.

Scott Ruffner — Director of Infrastructure for Research Computing. Co-hosted the September 2024 dedication of the Afton supercomputing cluster to the memory of the late Astronomy Professor John F. Hawley (1958–2021).

Clayton Lockhart — Associate Vice President, Enterprise Infrastructure. Oversees wired and wireless networks, data centers, storage, computing and private cloud platforms, Microsoft services, AWS and Azure public cloud services, and endpoint management.

Ricky Patterson (cross-listed with Unit 14) — UVA Library Director of Research Data Services and 2024 Task Force on AI Research member; an example of the Library–ITS–OVPR personnel interlock that characterizes UVA's distributed AI governance.

The CIO organization chart also includes a Chief of Staff overseeing Communications & Outreach and the Project Management Office, as well as leads for Support Services & Learning Technologies,

Information Security, and Custom Applications & Consulting Services. The current InfoSec CISO is not named on the CIO public roster snapshot available at evidence snapshot date; the office is described functionally rather than by named leader.

15.3 Teaching & Curriculum

Not applicable as an academic unit. ITS does not offer degree programs or credit-bearing courses. The ITS Learning Technology Services (LTS) team, within Support Services & Learning Technologies, administers UVACanvas (the University's Learning Management System since 2023), Zoom, Panopto, Poll Everywhere, and other classroom technology integrations, and co-owns with the Center for Teaching Excellence (Unit 17) the Canvas Commons template library. LTS's public documentation on these tools does not currently surface specific AI features in Canvas or structured guidance on the July 2025 Instructure–OpenAI partnership (which embeds LLM-enabled assignments directly in Canvas). Practical guidance on generative AI in teaching runs through the Provost's Office, the Center for Teaching Excellence, and the Library — not through ITS LTS. Zoom AI Companion features (meeting summaries, meeting questions, smart recording) are available within UVA Zoom; the University Finance "Tech Tips from Our LSPs" newsletter has surfaced AI Companion meeting summary instructions, but ITS has not published a comprehensive institutional policy framing for AI Companion use.

15.4 Tools & Technology

UVA Copilot Chat

UVA Copilot Chat is Microsoft Copilot with enterprise data protection, licensed institutionally and available to all users with a central academic-licensed Microsoft 365 account (the A5 license issued by ITS). This is the University's first enterprise-wide generative AI tool for staff, faculty, and students. The service accepts text, image, and voice-to-text prompts and has access to real-time internet information. Data protection is contractual: prompt data remains in UVA's specific Microsoft tenant, is not retained for training of AI models, and account-level access is scoped to information for which the user has permissions. Users verify they are operating within the protected environment by checking for a green shield with a checkmark icon in the upper right of the Copilot interface.

Login uses the `computingid@virginia.edu` credential pattern. Separate tenant credentials are required for UVA Health, Darden, and Law users, who log in with `computingid@healthsystem-style` credentials, `computingid@darden.virginia.edu`, and `computingid@lawschool.virginia.edu` respectively. Users on those separate tenants access parallel versions of Copilot licensed through their own school's Microsoft agreements. ITS manages the Advancement-wide rollout of UVA Copilot through University Advancement's phased plan (generative AI access plus education in Phase 1; application-specific AI add-ins in later phases after security and validation). UVA HR has promoted Copilot to academic employees for performance review writing — structuring reviews, refining language, highlighting achievements, and summarizing key points.

UVA Copilot for Microsoft 365

UVA Copilot for Microsoft 365 is a separate, paid individual subscription product that embeds Copilot inside the M365 desktop and web applications (Outlook, Word, PowerPoint, Teams, Excel). This is a faculty and staff offering. Students are not eligible for the UVA version of Copilot for Microsoft 365, and the School of Law and Darden School of Business are excluded from the central academic license for Copilot for M365. The tool offers document-level agentic features (Agent mode in Word, Excel, and PowerPoint; enterprise brand image integration; advanced PowerPoint authoring controls) as Microsoft rolls these capabilities into the product. ITS maintains a dedicated knowledge base article for Copilot for M365 setup and eligibility.

UVA RC GenAI

UVA RC GenAI is the University's research-focused generative AI platform, launched by UVA Research Computing on March 30, 2026, under the Research Computing Early Access program. The service runs Kimi K2.5, an open-source, 1-trillion-parameter multimodal model characterized by Research Computing as well-suited for visual analysis, agentic applications, and code-based tasks. The infrastructure consists of eight NVIDIA H200 graphics processing units provisioned through Research Computing's Afton and Rivanna systems. Researchers access the tool through a web portal (<https://open-webui.rc.virginia.edu>) that resembles familiar AI chatbot interfaces, or through an API for complex analyses and large-scale or automated workflows. The service permits up to 60 queries per minute at no charge to Research Computing users.

Research Computing positions UVA RC GenAI as a direct response to the cost, privacy, and governance issues Doney raised in the February 2026 AI Exchange interview: reduced costs compared to commercial LLM pricing, enhanced data security because data remains within UVA Research Computing's infrastructure, operational efficiency, and clear institutional ownership of the model and the service. The launch announcement describes the project as guided by "best practices demonstrated at peer R1 institutions" and characterizes Research Computing's intent to "continuously assess enhancements and emerging LLMs" — framing the current model choice as iterative rather than terminal.

Research Computing Systems

UVA Research Computing operates four local computational facilities supporting more than 433 active principal investigators, 2,463 unique users, and 14 schools or organizations:

Rivanna is a general-purpose HPC system with 603 nodes and over 20,476 compute cores after 2019 hardware upgrades.

Afton is the newest HPC system, comprising 300 compute nodes each with 96 compute cores on the AMD EPYC 9454 architecture, totaling 28,800 cores. Afton nodes have a minimum 750 GB of memory per node, with some supporting 1.5 TB. Afton was dedicated September 16, 2024 to the memory of the late Astronomy Professor John F. Hawley. Together, Afton and Rivanna share over 8 PB of storage, support more than 1.5 PFLOP of peak CPU performance, and provide access to 55 nodes with NVIDIA general-purpose GPU accelerators (RTX2080, RTX3090, A6000, V100, A40, and A100), including an 18-node NVIDIA DGX BasePOD with 8 A100 GPUs per node. On April 3, 2025, UVA added a NVIDIA HGX H200 GPU node to Afton — the first of several planned —

with each node providing 2 TB of CPU memory and 8-way connected Tensor Core GPUs with 141 GB of VRAM per device.

Ivy is the secure computing environment for Sensitive data, consisting of virtual machines (Linux and Windows) backed by 45 nodes and 2,048 cores. Ivy meets HIPAA, FERPA, and CUI compliance requirements.

Rio is the High-Security HPC cluster for controlled-access and Highly Sensitive data, with 39 compute nodes totaling 1,560 x86 64-bit compute cores, 375 GB RAM per node, and including an NVIDIA HGX H200 GPU. Rio is accessed exclusively through Ivy Linux virtual machines. A January 2026 HSZ expansion brought Rio closer to parity with Rivanna and Afton, including HSZ Project storage backed by IBM GPFS.

Fontaine Research Data Center

The largest physical AI-related capital project in the University's current pipeline. On March 7, 2025, Doney and Baller presented the project to the Board of Visitors Finance Committee. At the June 2026 Board of Visitors meeting, the Finance Committee reviewed financial plans for an expansion of the Fontaine Data Center, indicating the project's scope was growing beyond the original program before the initial build's completion. The current University Data Center, which opened in 2011 at approximately 1.5 MW critical power and 5,500 sq ft of raised floor, is near maximum capacity and cannot be expanded due to physical site, cooling, and power constraints. Doney told the committee researchers are experiencing significant delays in access to computational resources, presenting a faculty recruitment and retention risk. Staff analyzed three options: operating UVA equipment in a colocation facility, purchasing time on major cloud providers, and building a dedicated University data center. Baller reported that cloud storage was estimated at roughly 5x more expensive than on-premise, and colocation would generate substantially higher long-term costs. The Board of Visitors Buildings and Grounds Committee unanimously approved the schematic design on March 5, 2026. The facility is sited at Fontaine Research Park adjacent to the Fontaine Central Energy Plant, allowing geothermal heating and cooling and recovery of excess heat for other Fontaine uses. Initial capacity is 4 MW, expandable to 16 MW. Budget is \$72M. Construction is to begin in 2026 for a target online date in early 2029.

Supporting Platforms and Services

Data Analytics Center (DAC), within Research Computing, launched October 24, 2023 as UVA's hub for the management and analysis of large research datasets. DAC was funded through the Strategic Investment Fund and provides training, consultation, basic collaboration (under 20 hours of hands-on support), and in-depth embedded collaboration across image processing, text analysis, bioinformatics, computational chemistry and physics, neural networks, and related machine-learning domains. DAC began serving the School of Medicine's research community in January 2026 (announcement in Medicine in Motion News). A Small Analytics Resource Award program, valued up to \$10,000 per voucher, has run three submission rounds since late 2023. DAC staff carry advanced degrees in relevant research domains; positions funded through at least June 2028 per the Research Computing Scientist posting.

Digital Technology Core (DTC), within Research Computing, supports researchers using apps, websites, wearables, and other digital technologies in their research.

Consensus enterprise license. UVA holds an enterprise license for Consensus, an AI-powered academic search engine built over the Semantic Scholar dataset of approximately 200 million peer-reviewed documents. ITS and the Library coordinate access and user guidance; the Library maintains the primary public-facing Consensus documentation (see Unit 14).

Canvas and classroom infrastructure. UVACanvas (Instructure Canvas) has been UVA's central Learning Management System since the 2023 completion of the LMS Project. Canvas integrations with Zoom, Panopto, Poll Everywhere, and Hypothesis are administered by ITS Learning Technology Services. The Canvas platform itself absorbed Instructure's July 2025 OpenAI partnership, which introduced LLM-Enabled Assignments natively in Canvas; UVA's adoption posture on those features is not documented in public ITS materials at evidence snapshot date.

Zoom. UVA Zoom is available through ITS to all academic-division affiliates. Zoom AI Companion features — meeting summaries, meeting questions, smart recordings, and virtual background generation — are Zoom-native capabilities. UVA Finance's "Tech Tips from Our LSPs" newsletter surfaces meeting summary instructions for local support partners. ITS has not published an overarching institutional policy that governs AI Companion use.

Separate Tenants and Fragmentation

UVA Health, Darden, and Law operate separate Microsoft tenants. Engineering operates an independent IT environment. The central Copilot license does not reach these environments; each runs its own AI tool strategy within its own Microsoft agreement, with some variation in available tiers and data governance rules. This fragmentation is a structural feature of UVA's federated governance, not a transitional state.

15.5 Research & Scholarship

ITS is not an academic research unit. The Research Computing division is operational infrastructure, not a research producer, but it is the infrastructure on which much of the University's AI-adjacent research runs. Two points of public documentation are relevant to this dossier's scope.

First, Research Computing reports annual use by over 433 active principal investigators sponsoring more than 2,463 unique users across 14 schools and organizations. This is the most concrete public measure of AI- and data-intensive research activity at the University, because virtually all large-model training, inference, and data-intensive scientific computing at UVA passes through Rivanna, Afton, Rio, or Ivy.

Second, the 2024 Provost's Task Force on AI Research specifically identified research computing infrastructure and staffing as a top-priority area of investment. The 2025 update to the Task Force report documents UVA's response: an increase in the Research Computing base budget, one-time investments in hardware and staff, and the launch of AI Research@UVA as a coordinating center reporting to the Provost and Vice President for Research (see Units 16 and 17). The April 3, 2025 H200 GPU node addition and the March 30, 2026 UVA RC GenAI launch are the two most visible

operational outputs of this investment cycle. The SAGEST Predictive Simulation Center (\$16M NNSA cooperative agreement, announced September 2025, Xinfeng Gao directing) is one example of an externally funded AI-adjacent research center that will draw directly on UVA Research Computing infrastructure.

Third, the Research Computing Faculty Advisory Committee is the formal mechanism by which faculty feed back into the RC service catalog and roadmap. Its composition and meeting cadence are not fully documented on public pages, but its existence is noted on the CIO organization's IT Committees page.

15.6 Events & Programming

UVA Research Computing Exhibition. The third annual exhibition is scheduled for April 21, 2026 at the School of Data Science, hosted by UVA Research Computing together with the Data Analytics Center and the Digital Technology Core. The event features over 30 research posters, faculty lightning talks, and an early career panel. The exhibition is the principal public-facing event that surfaces UVA's AI-related research-computing work.

HPC Orientation Sessions and Workshops. Research Computing runs virtual HPC orientation sessions on Wednesdays and hosts weekly virtual office hours twice per week without appointment. Training materials are maintained on the RC learning portal at learning.rc.virginia.edu. These sessions are the routine onboarding channel for faculty, staff, and students moving AI and ML workloads onto Rivanna or Afton.

RC Open House. Research Computing held an open house on September 9, 2025 at its Michie North space.

No public-facing ITS-sponsored AI workshops, AI training, or AI town halls were identified beyond the Research Computing programming above. ITS's main public-facing AI communications channel is the ITS knowledge base (virginia.service-now.com/its) rather than a standalone event series.

Gaps and Observations

ITS owns the two tools that structure what AI governance means at UVA in practice. UVA Copilot Chat is the tool through which most faculty, staff, and students encounter institutionally sanctioned generative AI. UVA RC GenAI, launched four weeks before this snapshot date, is the tool through which researchers encounter a UVA-owned open-source model. Everything else in UVA's AI governance architecture — the Responsible Use Guidelines, the UDPS classifications, the Copilot eligibility rules, the data enclaves at Rio and Ivy, the Fontaine data center plan — is built around enabling and constraining access to these two platforms. Other governance bodies at UVA (the Task Force on AI Research, the Provost's Advisory Committee on AI, AI Research@UVA, the LaCross Institute, NSDPI, the Data, AI, and Health Collaboratory) set strategy, shape research priorities, and build community; ITS operates the plumbing through which strategy meets practice.

The two-platform architecture reflects two different AI governance logics. Copilot is the commercial-enterprise logic: Microsoft hosts the model, UVA holds a contractual data-protection agreement, and the University Data Protection Standards determine what may cross the boundary. UVA RC GenAI

is the institutional-sovereign logic: UVA runs its own GPUs, UVA hosts an open-source model, and control over the substrate lies with Research Computing. The two coexist because they solve different problems for different user populations. Faculty and staff drafting administrative correspondence need Copilot's M365 integration; researchers running code-based or agentic workloads need API access and higher-cost-efficiency query volume. How UVA sustains both approaches over time — particularly if Microsoft shifts pricing structures or if open-source model costs on GPU infrastructure rise — is not publicly documented.

Student exclusion from UVA Copilot for Microsoft 365 is notable. Students can use UVA Copilot Chat (the lighter-weight chat-only tier), but the in-application M365 Copilot that allows agentic editing in Word, Excel, and PowerPoint is a faculty-and-staff product at UVA. This matches decisions at many peer institutions but narrows what instructors can ask students to do with sanctioned AI tools in coursework. The Provost's Office guidance recommends that instructors asking students to use AI tools direct them to UVA Copilot Chat rather than external tools that may collect personal data. The question of how instructors who want to teach with Agent mode features should proceed is not addressed in current public ITS documentation.

The Fontaine Research Data Center is the University's single largest physical AI-related capital bet. The argument Doney and Baller made to the Board of Visitors was economic (on-premise roughly 5x cheaper than cloud over time for the scale UVA projects) and strategic (a faculty recruitment and retention issue tied to computational access). The cost case rests on assumptions about future workloads, electricity pricing, and the trajectory of cloud GPU costs that can be contested. The strategic case rests on the assumption that UVA's research computing demand will grow consistent with its AI-adjacent research ambitions — the Task Force report, the AI Research@UVA launch, the SAGEST Center, the Data, AI, and Health Collaboratory, and the SIF Biocomplexity supplement all point in that direction. What is not yet public is a detailed operating model for the facility, including the mix of general-purpose, secure, and GPU-specific capacity, the allocation policy between individual investigators and University-strategic workloads, and how access will be priced in future years.

The tenant fragmentation — UVA Health, Darden, Law, Engineering each operating separate IT environments or tenants — has governance consequences that are rarely discussed in public ITS communications. The central Copilot license is not universal; the central Responsible Use guidelines are broadly applied but each unit writes its own implementation details; data classification rules that assume one set of tools may not map cleanly when a Darden faculty member uses Darden's own Copilot or a Law faculty member uses Law's own instance. Doney's February 2026 remarks emphasized structured pilots and guardrails, both of which are easier to operate within a single tenant; how UVA coordinates AI-tool governance across its separate tenant environments is a governance question on which public documentation is thin.

Doney's public posture is a useful summary of the operating philosophy. The February 2026 AI Exchange framing — structured pilots, scalable infrastructure, guardrails, fiscal discipline, attention to token-based billing risks, emphasis on AI literacy as the real inflection point — is consistent with the observed pattern of rollout. The University has not moved aggressively toward wholesale adoption; it has built the two enterprise tools it needs for general and research use, operationalized a small number

of explicit restrictions (DeepSeek), published the Responsible Use document, invested in research computing infrastructure and staff, and signed off on a long-horizon physical investment in the research data center. The posture is deliberately not leading-edge; it is infrastructure-first and cost-disciplined.

Cross-References

- **Provost's Office & CTE (Unit 17):** Provost's Office guidance on Gen-AI in teaching consistently recommends UVA Copilot Chat; Faculty Handbook Section 3.3.14 references AI tool use; the Provost's Task Force on AI Research drove the research-computing investment that ITS is now operationalizing.
- **OVPR (Unit 16):** Rivanna, Ivy, Rio, and the Fontaine Research Data Center are jointly governed by ITS and OVPR; the Data Analytics Center was SIF-funded through OVPR; Catherine Bradshaw's strategic infrastructure initiative informed Josh Baller's hire and the research-computing expansion.
- **Library (Unit 14):** Library maintains public-facing user guides for UVA Copilot Chat and the Consensus enterprise license; Leo Lo (Advisor to Provost on AI Literacy) is the Dean of Libraries; ITS and Library coordinate on AI literacy infrastructure.
- **School of Data Science (Unit 3):** Peter Beling's NSDPI generative AI research runs on Research Computing infrastructure; the 2026 Research Computing Exhibition is hosted at the SDS building; AI Research@UVA co-director Henry Kautz sits in SEAS but reports into the SDS-adjacent network.
- **Darden (Unit 4):** Separate Microsoft tenant; Darden users access Copilot through `computingid@darden.virginia.edu`.
- **School of Law (Unit 6):** Separate Microsoft tenant; Law users access Copilot through `computingid@lawschool.virginia.edu`.
- **School of Medicine & UVA Health (Unit 7):** UVA Health operates a separate Microsoft tenant under CIO Robin Parkin; DAC began serving the SOM research community in January 2026; SOM's MD Program AI policy operates in parallel with ITS guidance.
- **School of Engineering & Applied Science (Unit 2):** SEAS operates an independent IT environment; the SAGEST Predictive Simulation Center is SEAS-led and will draw on Research Computing infrastructure; the Capital One AI Research Neighborhood is SEAS-resident.
- **UVA's College at Wise (Unit 18):** IRM-002 applies at Wise; the DeepSeek ban applies at Wise; Wise uses the central Copilot licensing structure where eligibility allows.
- **NSDPI (Unit 19):** The Data-to-Impact Challenge (November 2025–February 2026) addressed AI data center policy as its central theme, making ITS's Fontaine data center project an operational case for NSDPI's policy research.
- **Part I, Section I (Institutional AI Governance Architecture):** IRM-002, the Responsible Use Guidelines, and the UDPS constitute the operational policy layer of UVA's AI governance architecture.

- **Part I, Section IV (Tool Ecosystem & Procurement Governance):** This unit's Copilot and UVA RC GenAI material constitutes the bulk of Part I Section IV.
- **Part I, Section VIII (Infrastructure & Strategic Investment Signals):** The \$72M Fontaine Research Data Center is the single largest AI-related capital commitment currently in the University pipeline; the DAC is a SIF-funded infrastructure investment.

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16.

Unit 16. Office of the Vice President for Research

KEY SIGNALS

The VP for Research is the only office at UVA whose AI guidance carries an explicit enforcement hook: misuse of AI in research is routed through RES-004, the Research Misconduct Policy, with the Vice President for Research serving as Deciding Official and the Research Integrity Officer assessing harm against specified AI-use scenarios. The office oversees the six university-level institutes where most of UVA's large AI research awards are concentrated — Biocomplexity, Brain, Environmental, Karsh, NSDPI, and the Manning Institute of Biotechnology — and co-sponsors the AI Research@UVA initiative jointly with the Provost, positioning the OVPR as the research-side anchor of the University's AI governance architecture. VP for Research Lori McMahon took office June 15, 2024, after a ten-month interim led by biomedical engineering professor Fred Epstein; her immediate priorities have included the March 2026 launch of the UVA Research Hubs, a cross-Grounds collaboration program whose inaugural cohort includes a dedicated Physical AI Hub and pillars on AI in early childhood, climate, and energy systems. The research compliance infrastructure — OSP, Research Security, Export Controls, EHS, HRPP, Animal Welfare, and Research Integrity & Ethics — sits within the OVPR and is where AI-specific research governance is operationalized. The office also runs 3Cavaliers, a seed-funding program that has consistently placed AI-tagged projects in its funded cohorts, and hosts the HOOS in STEM podcast, which has devoted multiple 2025 episodes to AI research and its implications across disciplines.

The Office of the Vice President for Research (OVPR) is UVA's central administrative unit for the research enterprise. It oversees the University's pan-institutional institutes, the research compliance and sponsored programs infrastructure, internal funding programs, and research communications, and it coordinates research strategy with the Office of the Executive Vice President and Provost. The VP for Research reports directly to the Provost. In FY25, UVA reported \$2.92 billion in research proposal activity and \$570 million in sponsored research awards, with FY24 R&D expenditures of \$829 million. The OVPR has no AI-specific policy of its own beyond the research integrity reminder, but it is the home of every cross-Grounds research mechanism that AI work flows through: institute governance, compliance, sponsored programs, research computing coordination, research security, and internal seed funding.

16.1 Governance & Policy

Research Misconduct Policy and AI Enforcement

UVA policy RES-004, Research Misconduct, defines research misconduct as fabrication, falsification, or plagiarism in proposing, performing, or reviewing research, or in reporting research results. The

Vice President for Research is the Deciding Official on all research misconduct allegations. The Research Integrity Officer (RIO) is appointed by the VP for Research and runs the assessment, inquiry, and investigation phases of any misconduct proceeding. Findings of research misconduct must be proved by a preponderance of the evidence. The policy excludes honest error and differences of opinion from its scope. Federal reporting obligations to the HHS Office of Research Integrity and sponsor agencies apply where federal funding is involved.

Reminder of the Importance of Research Integrity & Use of AI

The OVPR's Research Integrity & Ethics office publishes a dedicated guidance page titled "Reminder of the Importance of Research Integrity & Use of AI." The core provisions state that foundational research integrity standards continue to apply whether AI is used or not, that rigor and reproducibility expectations are unchanged, and that AI misuse could give rise to concerns under RES-004. Authors remain fully accountable for the content of manuscripts, including the parts produced by AI tools. Transparent disclosure and proper attribution of AI use are required. Generative AI use is subject to UVA's Responsible Use Guidelines. Highly Sensitive Data must never be entered into a generative AI tool. Confidential information and research data must not be entered into third-party AI systems. The guidance directs researchers to their school- or unit-level AI policies for additional restrictions.

The guidance identifies specific scenarios in which the RIO may assess harm from AI use in research. The first scenario covers AI tools used to generate or manipulate data in ways that misrepresent research findings; the RIO evaluates the extent to which AI-generated data has affected the validity of the research, the potential for misleading conclusions, and downstream harm to public trust or policy. The second scenario covers AI tools that expose sensitive or personal data, violating privacy regulations alongside misconduct provisions; the RIO works with UVA privacy experts to evaluate breach impact, legal implications, and mitigation steps. The third scenario covers researchers who misinterpret AI outputs and fail to verify accuracy before reporting; this may result in retraction without misconduct findings, or in intertwined concerns within the scope of the research misconduct policy. Federal sponsors may independently review allegations that a researcher willfully disregarded AI output accuracy.

This scenario-based structure is the sharpest AI accountability mechanism currently published by any UVA office. No other UVA unit has mapped AI-specific conduct to a named enforcement policy with identified decision-makers and defined harm categories.

Helpful Links: Standards for Research Integrity & Use of AI in Research

The Compliance & Training site maintains a companion page, "Helpful Links: Standards for Research Integrity & Use of AI in Research," that curates external authority on AI in scholarly work. Linked resources include COPE (the Committee on Publication Ethics), ICMJE recommendations on the role of authors and contributors, NIH and NSF guidance, Nature and Science author policies, JAMA guidance, National Academies statements, the European Commission's Living Guidelines on the Responsible Use of Generative AI in Research, and peer university benchmarks including Michigan, Minnesota, and Utah. The page quotes NSF's PAPPG position that generative AI tools may create fabrication, falsification, or plagiarism risks and that proposers and awardees are responsible for

proposal and reporting integrity. The curated Hosseini and Resnik articles on AI in scholarly screening and AI disclosure in manuscript preparation provide the scholarly grounding for the UVA guidance.

Scholarship, Authorship, and iThenticate

The Research Integrity office administers UVA's iThenticate license, a Turnitin product used to evaluate research writing for plagiarism. iThenticate accounts are issued to faculty and postdocs who confirm the platform will be used for research writing, not classroom work. The office does not handle authorship disputes as research misconduct; those are routed to schools or departments. Authorship guidance follows the four ICMJE-style criteria and is supplemented by UVA's own "Guidelines for Authorship and Avoiding Authorship Disputes." The authorship page links researchers to the Office of Research Integrity's "Best Practices for Using AI When Writing Scientific Manuscripts" and the broader "Guide to Ethical Writing."

Responsible Conduct of Research (RCR) Program

The RCR program within Research Integrity & Ethics supports schools and researchers with training in best practices for proposing, performing, reviewing, and reporting research. RCR materials incorporate references to AI ethics and research integrity as part of the broader integrity framework, though a dedicated AI-specific RCR module is not publicly documented.

Research Compliance Infrastructure

The OVPR compliance infrastructure consists of the Office of Sponsored Programs (OSP), Research Compliance & Training, the Human Research Protection Program (HRPP) with its IRBs for Social and Behavioral Sciences and for Health Sciences Research, the Office of Animal Welfare, Environmental Health and Safety, the Export Controls program, the Research Data Compliance program, the Controlled Substances program, Research Quality Assurance, and Research Security. The Associate Vice President for Research Operations, Compliance & Policy is the senior compliance official within the OVPR. The Office of Sponsored Programs is led by an Associate Vice President for Research Operations who also serves as its Executive Director. No AI-specific IRB guidance has been published beyond the standard federal human subjects framework. Export Controls operates under FIN-043 and the federal EAR, ITAR, and FACR regimes; as U.S. export controls on AI chips and AI-enabling semiconductors continue to expand, this office is the operational gatekeeper for any UVA research activity involving controlled AI hardware, software, or technical data.

Federal Updates

The OVPR maintains a "Federal Updates" page to communicate changes in federal research regulations and funding priorities to the University research community. In its 2025 welcome letter, the new AVP for Research Operations stated that OVPR will continue to evaluate and issue guidance as the federal landscape evolves — a reference that covers AI-related federal policy shifts alongside other compliance domains.

16.2 People

Lori L. McMahon, Ph.D. — Vice President for Research (appointed June 15, 2024). Neuroscientist and synaptic physiologist. Previously Vice President for Research and Professor of Neuroscience at

the Medical University of South Carolina (2021–2024), and before that, 23.5 years at the University of Alabama at Birmingham, where she was Director of the Comprehensive Neuroscience Center for eight years and Dean of the UAB Graduate School for six years, overseeing approximately 110 master's and PhD programs and 7,500+ students. Her research lab on brain circuits underlying learning and memory — with emphasis on aging, Alzheimer's, Parkinson's, anxiety, and depression — has received continuous NIH funding since 2000/2001. She has served as a permanent member on two separate NIH study sections, chaired more than a dozen NIH panels, and chaired the Government and Public Affairs Committee for the Society for Neuroscience. At MUSC she led a nine-month strategic planning process and co-led development of the Charleston Innovation District. At UVA she chairs the Research subcommittee of the Presidential Search Committee engaging UVA's researchers, scientists, and medical staff.

Frederick H. Epstein, Ph.D. — Mac Wade Professor of Biomedical Engineering; Professor of Radiology and Medical Imaging. Served as Interim Vice President for Research from September 2023 through June 2024, bridging Ramasubramanian's departure and McMahon's appointment. Continues as a core SOM research faculty member; honored as a Distinguished Researcher at the UVA Research Achievement Awards.

Melur K. "Ram" Ramasubramanian — former Vice President for Research (August 2017 – 2023). Transitioned to Special Advisor to the President for Research in 2023. Previously NSF program director for Engineering Research Centers and endowed professor of mechanical engineering at Clemson, where he also chaired mechanical engineering. Oversaw UVA's sponsored research funding growth from \$353 million (FY2017) to a reported \$531 million preliminary total in FY2023. Co-sponsored with then-Provost Ian Baucom the pan-University Strategic Research Infrastructure Initiative. Quoted in the July 2021 AgAID announcement and the NSF I-Corps Mid-South Hub announcement. Spearheaded the 3Cavaliers seed-funding program. In his advisor role he counsels University leadership on research trends and opportunities and engages with research-related initiatives at local, state, national, and international levels.

Kristen Schwendinger, J.D. — Director of Research Integrity and Ethics; Research Integrity Officer (RIO). Assesses allegations of research misconduct under RES-004, supervises the inquiry and investigation phases, consults on authorship disputes, and is the named point of contact for the AI-in-research scenarios on the OVPR guidance page. Reports within the OVPR compliance structure.

Laura Kozma — Associate Vice President for Research Operations and Executive Director of the Office of Sponsored Programs. Nearly 20 years of research administration experience across Yale, the University of Miami, and the University of Connecticut. Leads OSP operations and is the senior administrator coordinating research compliance response to federal policy shifts affecting the UVA research community.

Kenneth "Ken" Ono, Ph.D. — Marvin Rosenblum Professor of Mathematics; STEM Advisor to the Provost; host of the OVPR-branded HOOS in STEM podcast. Affiliate appointment in Statistics and courtesy appointment in Data Science and Electrical and Computer Engineering. 2025 American Association for the Advancement of Science Fellow (mathematics section). 2025 Elected Honorary Fellow of the Asia-Pacific Artificial Intelligence Association and Honorary Fellow of the Romanian

Academy of Sciences. Currently on leave to work with Axiom Math, a firm applying artificial intelligence to mathematics. His Hoos in STEM interview roster has made the podcast the OVPR's most visible AI-adjacent public communication channel.

William Sherman — Associate Vice President for Research in Design, Arts, and Humanities. Architect, UVA professor, founding director of OpenGrounds. Transformed the Research Collaboration Corner on University Avenue, an OVPR-administered space that supports interdisciplinary research gatherings, including AI-related convenings and small-group research meetings.

Paul Cherukuri — UVA's first Chief Innovation Officer and the Donna and Richard Tadler University Professor of Entrepreneurship, effective October 1, 2025; the Cavalier Daily describes the role as sitting within the Office of the Vice President for Research. Heads UVA Innovates, the pan-University innovation platform launched in 2024, succeeding Michael Lenox, who had served as special advisor to the provost on entrepreneurship since 2023. Holds faculty appointments in the School of Engineering and Applied Science and the McIntire School of Commerce. Physicist, chemist, and medical-technology entrepreneur; previously the inaugural Vice President for Innovation and Chief Innovation Officer at Rice University (2022–2025), where he launched the Rice Biotech Launch Pad. His AI-adjacent public appearances include the LaCross Institute's December 2025 conference and an April 2026 Tom Tom Festival session with Nikki Hastings on regional innovation-hub expansion.

Catherine Bradshaw — Associate Dean for Research and Faculty Development, School of Education and Human Development. Chaired the VP for Research search committee that selected McMahon. Co-chair of the UVA IMPACT Hub in the March 2026 Research Hubs launch. University Professor.

Cheryl Wagner — administrative lead for the 3Cavaliers program within OVPR; the operational point of contact on the 3Cavaliers expertise database.

16.3 Teaching & Curriculum

Not directly applicable. The OVPR is an administrative unit and does not offer degree programs or courses. Indirect teaching-related activity flows through two channels: the Responsible Conduct of Research (RCR) program, which supports unit-level researcher training and incorporates AI ethics as part of its integrity framework; and the HOOS in STEM podcast, which functions as public science communication rather than curricular instruction. AI-related curricular governance at UVA sits with the Provost's Office and the individual schools.

16.4 Tools & Technology

Research Computing

Research computing at UVA is operationally run by University of Virginia Information Technology Services (UVA ITS), in coordination with the OVPR. The primary shared resources are the Rivanna and Ivy high-performance computing clusters. Rivanna is the general-purpose research computing cluster; Ivy is a secure enclave for regulated and sensitive research data. Both platforms support AI

and machine learning workloads, including GPU-accelerated training and inference. The OVPR promotes research computing through programs such as the Research Computing poster competition, which awards \$3,000, \$2,000, and \$1,000 travel prizes to the top three student researchers who demonstrate use of Rivanna, Ivy, or other research computing resources.

UVA has expanded research computing infrastructure with a new research data center and an analytics consulting team that translates faculty AI interest into scalable, secure research capability. Demand for GPUs and high-performance compute in support of AI and generative AI research has grown substantially.

LabArchives

LabArchives is the OVPR-supported electronic lab notebook platform. The OVPR handles access requests, compliance review, and training. No AI-specific LabArchives integration is documented on the public OVPR pages.

iThenticate

iThenticate is the OVPR's licensed plagiarism detection tool for research writing. Accounts are faculty and postdoc accounts, issued on request with a stated research-writing purpose. By default, iThenticate does not save uploaded documents to its cloud repository, a configuration the OVPR cites as appropriate for pre-publication research.

Research Cores (Strategic Research Infrastructure Initiative)

The OVPR administers a suite of Research Cores developed under the Strategic Research Infrastructure Initiative and Grand Challenges, several of which are AI-relevant. The Clinical Data Warehouse initiative proposes a state-of-the-art warehouse leveraging data-driven automation and AI algorithms to support predictive modeling from electronic health records and other clinical datasets. The Research Data Enclave (RDE) provides a customizable platform for integrated and harmonized data, building on iTHRIV and existing data repositories. The Digital Technology Core (DTC) centralizes and integrates digital technology services and connects investigators working on digital-technology-driven research. The Clinical Trials Unit (CTU) provides centralized clinical research infrastructure. The Biomarker and Neuroimaging Core and the Animal EEG and Electrophysiology Core sit within the Brain Institute portfolio.

Research Collaboration Corner

The Research Collaboration Corner on University Avenue is an OVPR-administered space for research-related meetings, including small-group convenings for interdisciplinary research, many of which touch AI-related topics through institute working groups.

16.5 Research & Scholarship

AI Research@UVA Dual Reporting

AI Research@UVA is the University's coordinating initiative for AI research. It reports jointly to the VP for Research and the Executive Vice President and Provost, operationalizing the principle that AI research spans academic governance (Provost) and research governance (OVPR). In November 2025,

the Provost and VP for Research announced the appointment of two co-directors: Ryan Wright, Ph.D., Rolls-Royce Commonwealth Eminent Professor of Commerce and associate dean for strategic initiatives at McIntire, and Henry Kautz, Ph.D., Professor of Computer Science and former Division Director for Information and Intelligent Systems at NSF, where he led the National AI Research Institutes program. Wright co-authors the AI Exchange @UVA newsletter and sits on the Provost's Advisory Committee on AI. Kautz brings federal experience building large-scale AI research programs.

The co-directors' stated charge is to provide strategic leadership, foster interdisciplinary collaboration, engage internal and external stakeholders, convene AI-related institutes and initiatives, work with deans and faculty on emerging AI projects, and support UVA's leadership role in emerging AI research and policy across the Commonwealth and the country. The initiative itself was developed from a recommendation of the Provost's Task Force on AI Research and shepherded into operation by the 2024–2025 Provost's Special Advisors on AI, Yael Grushka-Cockayne (Darden) and Scott Acton (SEAS ECE Chair).

Grand Challenges Research Investments

Grand Challenges Research Investments are co-sponsored by the OVPR and the Provost's Office. Grounded in the 2030 Strategic Plan, they fund work in five priority areas: Democracy, Environmental Resilience and Sustainability, Precision Medicine/Health, Brain and Neuroscience, and Digital Technology and Society. Targeted investments of \$20 million to \$50 million per area have funded cluster hires, postdoctoral scholars, graduate students, and research infrastructure. The Digital Technology and Society theme is the direct home of AI research investments, with initial work focused on youth mental health in digital environments and on algorithmic fairness and democratic accountability in online AI systems. A February 2023 Grand Challenges Digital Technology and Democracy Forum and a March 2023 Grand Challenges Digital Technology and Youth Development Forum shaped the theme's early research directions.

The 2024 round announced a \$100 million combined investment for Digital Technology and Society and Precision Medicine/Health, with about \$50 million flowing to Digital Technology and Society. The "YouthTechEcosystem" initiative within the theme draws researchers from across Grounds to study digital technology's effects on youth education, social lives, and mental health.

UVA Research Hubs (Launched March 2026)

On March 20, 2026, the OVPR announced the UVA Research Hubs. Selected through a competitive process drawing more than 90 proposals, the inaugural cohort brings together faculty-led, cross-Grounds research communities in areas where UVA teams are positioned to scale. Several hubs sit directly on AI.

The **UVA Physical AI Hub** addresses the core challenge of building intelligence that can move, reason, and act reliably in the physical world. The hub's framing is that human intelligence is grounded in repeated sensorimotor interaction and that today's large language and vision models, trained on passive observation, remain limited in reasoning about motion, dynamics, and real-world consequences of action. Closed-loop embodied interaction is the research agenda.

The **Designing Development: Environments, Intelligence, and Learning Hub** (co-chairs: Katie Stranix (Architecture), Mariana Teles (Arts & Sciences), Amanda Williford (SEHD)) brings together scholars to examine how physical and technological environments shape human development, learning, and well-being. It consists of three pillars: "Advancing Early Childhood through AI," "Built Environments and Mental Health," and "The Science of Learning."

The **Implementation Methods, Partnerships, and Community Translation Hub** (the UVA IMPACT Hub; co-chairs: Catherine Bradshaw (SEHD) and Matt Gurka (SOM)) serves as UVA's cross-Grounds infrastructure for implementation science. Its scope covers AI-enabled clinical evaluation, ambient AI tools, and the translation of evidence-based innovations into health care, public health, education, and community systems.

The **Integrated Energy Systems and Communities Hub** and the **Supply Chains and Critical Materials Hub** are both led by the Biocomplexity Institute under Madhav Marathe's direction. Both hubs integrate data science, AI, and complex systems modeling with engineering, social science, business, and law.

The **Advanced Nuclear and Isotope Science and Engineering (ANISE) Hub** combines engineering, physics, data science, and medicine with AI-enabled analytics for nuclear technology and isotope production.

The **Catalysis Initiative for Clean Energy and Chemicals (CICLEC) Hub** (co-chairs: Charles Machan (A&S) and Christopher Paolucci (SEAS)) pursues AI-accelerated catalyst discovery as part of its interdisciplinary remit.

The **Hypersonic Technologies Hub** integrates expertise across propulsion, materials, systems engineering, controls, testing, and public policy — with AI a likely component across the systems engineering and testing subfields.

The **New Approach Methodologies for Preclinical Therapeutics Hub** (co-chairs: Shayn Peirce-Cottler (SOM) and Jeff Saucerman (SOM)) focuses on computational and AI-driven preclinical drug discovery, building on Saucerman's published work on AI tools that identified cardiac applications for existing drugs.

The OVPR frames the Research Hubs as one of several mechanisms through which it supports cross-Grounds collaboration. Membership in each hub is open to any UVA faculty member; the hubs are convened rather than gate-kept.

3Cavaliers Program

3Cavaliers is the OVPR's flagship internal seed-funding program, founded in 2018 under Ramasubramanian. Three UVA faculty members from at least two different units form a "trio" and apply for \$60,000–\$80,000 (full) or \$15,000 (mini) in seed funding. At least 50% of the funding must support graduate students, undergraduates, or postdocs. The program is primarily funded through a Strategic Investment Fund award to the OVPR, with additional contributions from most schools, the research institutes, and the UVA Library.

The 2018 round funded 77 projects involving 231 researchers, with 270 graduate and undergraduate students and 25 postdocs. Those projects had produced approximately \$5.7 million in outside funding, more than 70 journal articles, nearly 100 conference papers, and three invention disclosures as of the 2020 report. The 2020 (2.0) round received 108 team applications and funded 57 projects, expanding eligibility to UVA's College at Wise. The 3.0 round (FY25) opened November 2024, closed January 2025, with awards announced March 2025 and funding beginning July 2025; funding ends December 2026 with a no-cost extension possible through June 2027.

AI-tagged projects recur across rounds. The 2025 SEAS-reported cohort alone included "AI-Enabled Implantable Sensors for Personalized Monitoring After Spinal Surgery" (Kyusang Lee, ECE; Ferdinando Fioretto, CS; Hong Joo Moon, SOM); "Models That Matter: A Multi-Disciplinary Approach to Forecasting Malaria Outbreaks Within Uganda in the Face of Climate Change" (Nhat Nguyen, CS; Christopher Moore, SOM; Stephan DeWekker, A&S); and "Automated Post-Surgery Feedback: AI-Driven Time Series Analysis To Improve Anesthesia Care" (David Evans, CS; Thomas Hartvigsen, SDS; Bhiken Naik, SOM). The program operates as the OVPR's most consistent funnel of small-dollar internal AI research seed money.

Institutes and Centers Overseen by OVPR

The OVPR oversees six university-level institutes. All are significant AI research homes.

Biocomplexity Institute and Initiative (BII) — Executive Director Madhav Marathe. Established at UVA in September 2018 after the Board of Visitors approved a \$30 million hiring package drawn from the Strategic Investment Fund (SIF160). Inaugural Executive Director Chris Barrett led the transition from Virginia Tech. Over six years through FY24, the SIF supplemental support yielded 137 awards totaling \$81.4 million. BI is the UVA lead on AgAID (\$20M NSF/USDA-NIFA), the ARPA-H BRAVE program (up to \$40M), NSDPI (UVA subaward work), the NSF Expeditions in Computing award (\$10M), and the SIF-funded Contagion Science program (SIF176A, Marathe project manager). BI leads two of the 2026 UVA Research Hubs (Integrated Energy Systems and Communities; Supply Chains and Critical Materials). BI's AI work spans AI search algorithms, foundation models combining scientific literature with technical data, digital twins, and privacy-enhancing technologies. (Full detail in Unit 13.)

Brain Institute (BRAIN) — Pan-University neuroscience institute. Receives \$15.7 million SIF commitment (2017) for advanced brain research including neuromodulation, brain mapping, focused ultrasound, bioinformatics, imaging, and data mining. Hosts AI-adjacent research cores including the Biomarker and Neuroimaging Core and the Animal EEG and Electrophysiology Core. McMahon, as a neuroscientist, continues her own lab research within the institute's research community while serving as VPR.

Environmental Institute (EI) — Co-led by civil and environmental engineering professor Andrés Clarens. Maintains an explicit "Climate & AI" initiative that has supported over 15 AI-relevant projects and convenes a monthly Research Interest Group on Environment + AI. The Environmental Futures Forum 2025 Environment + AI panel drew over 200 attendees (standing-room only). EI Spark Grants name "Environment + AI" as one of three named call categories. In March 2026 the EI launched the Virginia Climate Restoration Initiative, a digital platform for Virginia-focused climate research

including AI-enabled modeling. A December 2025 UVA research team publication by Mona Sloane, Ava Birdwell, Charity Nyelele, and Antonios Mamalakis, "Broadening Access to Climate AI Innovation," was produced through collaboration between the School of Data Science, Department of Media Studies, Department of Environmental Sciences, and the EI. Practitioner Fellow Chris Mooney, a Pulitzer Prize–winning journalist, moderates EI AI-related panels.

Karsh Institute of Democracy (KIOD) — Established via a 2021 gift commitment from Martha and Bruce Karsh; SIF commitment of \$10 million in June 2017 toward the precursor Democracy Initiative. Home to the Digital Technology for Democracy Lab (DTD Lab), which produces AI governance and algorithmic accountability research. Details in Unit 10 (Batten) on administrative home of DTD Lab and broader cross-referencing.

National Security Data and Policy Institute (NSDPI) — Launched January 2025 under Director Phil Potter (Batten faculty; founding Director of the National Security Policy Center at Batten). \$20M ODNI two-year contract (2024–). Concentrates AI for national security applications, including AI search algorithms, foundation models, financial crime detection, and technology dependency network analysis for supply chain resilience. Biocomplexity serves as subawardee on core AI methodology work. Full detail in Unit 19.

Paul and Diane Manning Institute of Biotechnology — Launched January 2023, funded in part by a \$100 million gift from Paul and Diane Manning. Inaugural Chief Scientific Officer is Dr. Mark Esser, formerly of AstraZeneca. Focus includes drug discovery and development, where AI is central to the scientific agenda. Esser's Hoos in STEM episode detailed the institute's plans to push medical technology with the help of AI.

Strategic Investment Fund (SIF) AI-Relevant Investments

The SIF is a UVA Board of Visitors–approved funding mechanism drawing on earnings from University reserves invested alongside the endowment. The SIF makes AI-relevant investments through the OVPR and through the Provost's Office. Documented AI-relevant SIF investments include: the Biocomplexity Institute initial hiring package (SIF160; \$30M; 2018–2023); the Biocomplexity Supplemental Award (FY23–FY27); the P2PE Contagion Science program (SIF176A; Marathe project manager); the GC2 Futures Initiative, which explicitly cites ChatGPT and generative AI as drivers of the initiative's founding; the UVA Online SIF award (SIF180) supporting the Vice Provost for Online Education and Digital Innovation; the Brain Institute commitment (2017); and the Democracy Initiative SIF commitment (2017). The Bicentennial Professors Fund (\$75 million) and Bicentennial Scholars Fund (\$100 million) are matching programs that provide the endowed professorships and graduate student support that sustain AI-adjacent faculty hiring across units.

Research Achievement Awards

The annual UVA Research Achievement Awards are hosted by the OVPR, with the ceremony typically held at The Pavilion at Boar's Head. The VP for Research presents the awards alongside the President and Provost. The 2025 cycle honored 14 faculty with awards and spotlighted the top 100 researchers. 2025 winners included Patrick Hopkins (MAE); Zongli Lin (ECE); Jennifer Payne (Psychiatry); Jonathan Colmer (Economics); Lora Henderson Smith (SEHD); Xu Yi (ECE); Huiyuan Zhu (Chemistry); Ricardo Padrón (Spanish); Hilary Bart-Smith; Jason Papin; Daniel Quinn; Haibo Dong;

and Kathleen McManus. The awards have included AI-visible research leaders in prior cycles — among them Ken Ono (Distinguished Spotlight Award), Jeff Saucerman, and Aidong Zhang.

NSF I-Corps Mid-South Hub

UVA joined the NSF Mid-South Innovation Corps Hub, a \$15 million consortium led by Vanderbilt University that also includes George Mason, Jackson State, Meharry, Tennessee State, Kentucky, Louisville, and Tennessee. Each of the five national I-Corps hubs receives up to \$3 million over five years. Ramasubramanian announced UVA's participation in his role as VP for Research. The Licensing & Ventures Group (LVG), led by Executive Director Richard Chylla, coordinates UVA's participation.

Research Security and Export Controls in the AI Context

The Research Security office operates under the broader OVPR compliance structure. Its Export Controls program (Office of Export Compliance, OEC) administers UVA compliance with EAR, ITAR, FACR, and adjacent regimes. As federal export controls on AI chips and semiconductors have expanded — initially in October 2022 and through multiple revisions since — the OEC is the office that reviews UVA research activities for the presence of controlled items, deemed exports, and foreign national access. International travel with controlled equipment (laptops carrying encryption software or non-public technical information) is subject to OEC approval. The research security and export controls function is where U.S. national AI policy constraints concretely bind on UVA research conduct, even where the OVPR has not issued separate AI-specific guidance.

16.6 Events & Programming

HOOS in STEM Podcast

HOOS in STEM is the OVPR-branded podcast, hosted by Ken Ono, STEM Advisor to the Provost and Marvin Rosenblum Professor of Mathematics. It is produced and distributed through the OVPR (research.virginia.edu/podcast/hoos-stem). The podcast has devoted multiple 2025 episodes to AI directly:

- **Anton Korinek on the Economics of Artificial Intelligence** (October 2025). Korinek, UVA Professor of Economics and Public Policy, named to TIME's 100 Most Influential People in AI list (2025). Discussion of AI's long-term economic implications and AI agents in research.
- **Madhav Marathe, Biocomplexity Institute** (Fall 2025). Interdisciplinary AI systems at BI.
- **Kemi Jona, "Rethinking Learning in an AI Era"** (July 2025). Vice Provost for Online Education and Digital Innovation on AI in education and the workplace.
- **Mark Esser, Manning Institute of Biotechnology** (2025). AI in drug development at the new institute.
- **Mona Sloane, "Cutting Edge of AI Ethics"** (April 2024). Co-Opting AI series and the Sloane Lab on AI ethics, policy, and transparency.
- **Melina Kibbe, former SOM Dean** (earlier episode). AI in medicine including the artificial pancreas and nanofibers.

Ono's own work includes application of AI and data science to Olympic swimming performance for UVA's swimming program and external collaboration with Axiom Math. The podcast is the OVPR's most visible public AI-related communication channel.

Research Achievement Awards Ceremony

The annual Research Achievement Awards ceremony at The Pavilion at Boar's Head (February 5, 2025; February 2026 for the 2025 awards) is the OVPR's signature research celebration event. The VP for Research delivers remarks alongside the President and Provost.

Research Communications

The OVPR runs the Research Communications group, which supports researchers with presentation tips, media interview training, website guidance, and the "Write for The Conversation" program. The Research Communications Fellows Program places graduate students in communication roles. No AI-specific communications curriculum is publicly documented.

Advancing Discoveries Meet & Greet

The OVPR hosts periodic Advancing Discoveries Meet & Greet events at Shumway Hall, featuring research-community networking and strategic discussion.

External Engagement

The VP for Research sits on the UVA Foundation Board of Directors alongside the President, the EVP and COO, the Senior VP for External Affairs, and selected Board of Visitors members.

Gaps and Observations

The OVPR's AI governance posture is defined by a sharp enforcement policy and a deliberate absence of expansive programmatic AI regulation. The Research Integrity & AI reminder is the only UVA AI document that connects AI misuse to a named enforcement mechanism (RES-004), a named official (the VP for Research as Deciding Official), and specified categories of harm. The sharpness of that document is the most consequential AI governance signal the office has produced. What the office has not published is equally telling: no AI-specific IRB guidance, no explicit AI research data governance policy, no AI-specific COI disclosure framework, and no AI-specific RCR training module. The posture is that existing integrity frameworks are sufficient because the underlying conduct being regulated — fabrication, falsification, plagiarism — is stable, and AI is a new vehicle for familiar misconduct.

The dual reporting of AI Research@UVA to the Provost and the VP for Research is architecturally sound but publicly undocumented in operational detail. The division of labor between Provost-side academic governance (teaching, curriculum, learning AI literacy) and OVPR-side research governance (misconduct, integrity, compliance, institutes) is visible in the assignment of co-directors and in the specific recommendations the Provost's Task Force on AI Research made, but no public charter lays out how decisions are made when the two domains overlap — as they do for research IT infrastructure, research security, faculty hiring, and research computing.

The OVPR's most significant AI-related action of 2026 is the March launch of the Research Hubs, which is the first post-McMahon programmatic initiative to directly name AI as a strategic research theme through a dedicated Physical AI Hub and three AI-adjacent hubs. The hubs model is explicitly an open-membership convening structure rather than a funded institute, which places the OVPR's current AI-cross-cutting bet on network effects and faculty self-assembly rather than on top-down institute creation. The contrast with the previous decade's institute-building strategy — Biocomplexity 2018, Manning 2023, NSDPI 2025 — is visible.

The AI-related funding flows the OVPR controls or co-oversees are concentrated: AgAID, BRAVE, NSDPI, Contagion Science, the Biocomplexity SIF package, NSF Expeditions, and the Grand Challenges Digital Technology and Society theme together represent the overwhelming majority of AI-tagged institutional money at UVA. The 3Cavaliers program is the only recurring internal program that funds small-team AI projects at the \$60K–\$80K level; the EI Spark Grants and McIntire-affiliated funds supplement this.

No public data exists on the volume of AI-related iThenticate activity, no public data exists on the volume of AI-related RIO inquiries or investigations, and no public annual reporting breaks out AI-specific research conduct issues. The absence is consistent with practice across R1 universities, but it limits what can be said publicly about how frequently RES-004 is being applied to AI-enabled misconduct.

The research security and export controls function is likely to absorb increasing operational pressure as U.S. export controls on AI chips and AI-enabling technologies continue to expand. UVA does not appear to have published a specific analysis of the impact of current U.S. AI export controls on its research portfolio, which is a gap shared across the sector and likely to become more visible.

Cross-References

- **Biocomplexity Institute (Unit 13):** BI is the largest AI research concentration within the OVPR institute portfolio; SIF investment and supplemental award run through OVPR; leads two Research Hubs.
- **NSDPI (Unit 19):** University-level institute under OVPR; Phil Potter Director; BI subawardee structure routes core AI work through Biocomplexity.
- **Provost's Office & CTE (Unit 17):** AI Research@UVA co-directors report jointly to Provost and VPR; Provost's Task Force on AI Research created the initiative; Grand Challenges co-sponsored by Provost and VPR; Ken Ono is STEM Advisor to Provost while hosting OVPR podcast.
- **Batten (Unit 10):** Phil Potter (NSDPI) is founding Director of National Security Policy Center at Batten; Karsh Institute of Democracy is OVPR-overseen institute with Batten ties.
- **School of Medicine (Unit 07):** Manning Institute of Biotechnology is OVPR-overseen; multiple AI-enabled Research Cores are SOM-anchored; Fred Epstein's home is SOM BME.
- **School of Engineering (Unit 02):** Many 3Cavaliers AI-tagged projects led by SEAS faculty; Henry Kautz is SEAS CS; Scott Acton (SEAS ECE Chair) was Special Advisor on AI.

- **Darden (Unit 04):** Yael Grushka-Cockayne (Darden) was Special Advisor on AI (2024–25); Anton Korinek (Darden/Econ joint) is primary HOOS in STEM AI interlocutor.
- **McIntire (Unit 05):** Ryan Wright (McIntire) is AI Research@UVA co-director; AI Exchange @UVA newsletter is McIntire-originated.
- **School of Data Science (Unit 03):** Data, AI, and Health Collaboratory (January 2026) co-supported by SDS, UVA Health, SOM, Darden, SEHD, and SEAS — all OVPR-adjacent through institutes and compliance; Phil Bourne is founding SDS dean; Jeffrey Blume is Interim SDS Dean.
- **ITS & CIO (Unit 15):** Rivanna, Ivy, and the new research data center are jointly operated by UVA ITS and OVPR; Kelly Doney (CIO) framed UVA's AI posture as "balancing innovation with privacy" in the AI Exchange @UVA interview.
- **Library (Unit 14):** Partner on the 3Cavaliers funding coalition; citation guidance on AI-generated content flows to researchers through Library resources.
- **Environmental Sciences (Unit 01, A&S):** Antonios Mamalakis (SDS + Environmental Sciences joint) and Mona Sloane (Media Studies + SDS) anchor the EI AI work.
- **Part I, Section VI (Research Governance & Ethics):** Unit 16 content constitutes the primary corpus for Part I Section VI.
- **Part I, Section VIII (Infrastructure & Strategic Investment Signals):** SIF AI-relevant investments routed through OVPR.

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17.

Unit 17. Provost's Office & Center for Teaching Excellence

KEY SIGNALS

The Provost's Office holds UVA's institutional AI coordination function and the published corpus that other units cite. Two Task Forces (Generative AI in Teaching and Learning in 2023, AI Research in 2024) produced the reports that anchor UVA's AI posture. The Provost jointly operates AI Research@UVA (co-directed by Ryan Wright and Henry Kautz since November 6, 2025) with the Vice President for Research, and provides 11 Commonwealth Chairs in AI across seven schools as recruiting infrastructure. The Center for Teaching Excellence runs the Faculty AI Guides program (78 faculty across two cohorts, with the School of Medicine excluded by design), the Canvas course "Teaching in a World with Generative AI" that Interim Provost Brie Gertler co-led with CTE Director Michael Palmer, and the AAC&U Institute on AI, Pedagogy, and the Curriculum team that UVA joined in the inaugural 2024–25 cohort. Faculty Handbook Section 3.3.14 routes through the Provost's Office. The governance architecture is extensive as coordination infrastructure and advisory in its regulatory reach — faculty retain individual authority over classroom AI policies, and the pan-University standing AI@UVA committee Gertler announced at a September 2025 Board of Visitors meeting was described as established, with subcommittees spanning teaching, learning, and research, by May 2026, though its membership remains undisclosed.

The Office of the Executive Vice President and Provost (EVP/Provost) and the Center for Teaching Excellence (CTE) together operate UVA's central AI governance infrastructure for teaching, learning, and research coordination. Interim EVP and Provost Brie Gertler leads the office, with the Center for Teaching Excellence providing the faculty-development infrastructure under Barbara Fried Director Michael Palmer. As of the snapshot date of April 23, 2026, President Scott Beardsley (UVA's 10th President, who took office in January 2026) had been in the presidency for about four months; Gertler continued in the Interim Provost role she assumed in March 2025. Gertler and Palmer co-led the development of the Canvas course "Teaching in a World with Generative AI" that launched in fall 2024, the broadest cross-school faculty development resource UVA has produced on AI to date. The Provost's Office also operates the AI@UVA public portal (ai.provost.virginia.edu) and the Generative AI in Teaching and Learning site (genai.provost.virginia.edu) that index UVA's full AI activity for external audiences.

17.1 Governance & Policy

Generative AI in Teaching and Learning Task Force (2023)

Formed in March 2023 by then–Vice Provost for Academic Affairs Brie Gertler at the request of then–Provost Ian Baucom. Seven members: six faculty with expertise in AI, pedagogy, and the intersection of those fields, plus the chair of the Honor Committee. Co-chaired by Natasha Heny (Associate Professor, School of Education and Human Development) and Andrew Pennock (Associate Professor, Frank Batten School of Leadership and Public Policy). Named members included T. Kenny Fountain (Associate Professor of English and Director of Writing Across the Curriculum).

Between March and May 2023 the Task Force hosted six virtual town halls organized by school grouping. The College of Arts & Sciences received three separate sessions (natural sciences; social sciences; and arts/humanities combined with professional/continuing education); other sessions covered Engineering and the remaining professional schools. Approximately 300 faculty participated across the town halls. The Task Force also administered surveys to faculty and students, receiving 181 faculty responses and 504 student responses. The student survey produced the most widely cited finding in UVA's AI discourse: 77% of student respondents said instructors did not make AI policies clear to them.

The Task Force completed its report in summer 2023. The recommendations include: a dedicated "Teaching in a Generative AI World" website; an AI-centered assignment design workshop; a fall workshop series; development of AI expertise at the Center for Teaching Excellence; programs for graduate teaching assistants; recruitment of faculty to launch AI-learning conversations within their departments; funded AI-related teaching grants; field-specific AI learning guidance on the central website; and a teaching-and-learning conference on AI.

The Task Force was advisory, not regulatory. It did not create binding policy, and faculty retain individual authority over classroom AI rules. The Cavalier Daily editorial board in May 2025 characterized the report as "two years old" and noted that the Task Force "did not set out to create any real policy" and "fundamentally falls short of providing real change." The editorial called for a more standardized process. The Provost's Office published the Task Force report and developed a Guidance for Faculty & Students FAQ at genai.provost.virginia.edu that operationalizes its recommendations in the form of guidance rather than rule.

Provost's Task Force on AI Research (2024)

A separate body from the teaching-and-learning Task Force, initiated in October 2023 with a broader research-oriented charge. Co-chaired by David Evans (Professor of Computer Science, SEAS) and Rafael Alvarado (Associate Professor, School of Data Science). Members: Madhur Behl (Associate Professor, Computer Science and Systems and Information Engineering), Hudson Golino (Associate Professor of Psychology, Arts & Sciences), Yael Grushka-Cockayne (Altec Styslinger Foundation Bicentennial Chair in Business Administration, Darden), Jingjing Li (Andersen Alumni Associate Professor of Commerce, McIntire), Jon Michel (Director of Data Science, UVA Health), and Ricky Patterson (Director of Research Data Services, UVA Library). Fred Epstein (Interim Vice President for Research at the time, now continuing as Mac Wade Professor of Biomedical Engineering and SOM Radiology) and Cheryl Wagner (Chief of Staff to the VPR) joined as ex officio members.

The charge directed the Task Force to respond to six questions covering hardware, software, data, human, and organizational resources; AI ethics and fairness training; policy updates; use of AI to support the research enterprise; competitiveness for federal AI research institute competitions (NSF AI Institutes, USAISI); and an open sixth question.

The Task Force's methodology combined multiple information-gathering activities. A community survey drew 233 responses from an estimated 15% of UVA's approximately 1,600 faculty, of which 188 completed. Four follow-up discussion forums ran January 29 through February 5, 2024: two in person (Clark Hall Library and Darden) and two on Zoom, with 17 faculty participating. The Task Force met with Research Computing leadership. A bibliometric analysis using OpenAlex compared UVA to 12 peer or aspiring-peer institutions (Duke, Emory, Northwestern, Ohio State, Rutgers, UAB, Michigan, UNC–Chapel Hill, Pittsburgh, Washington, Vanderbilt, and Virginia Tech). Additional interviews examined AI ethics practices at other institutions. The final report, "Advancing AI Research at the University of Virginia," was issued March 31, 2024. Its central recommendation was the creation of a Center for AI Research at UVA.

The report was presented to the Provost's Advisory Committee on AI, at a Deans Meeting with the Provost, at the University-wide Research Retreat in August 2024, and at the University Leadership Meeting in November 2024.

2025 Update on the Report of the Provost's Task Force on AI Research

Published October 6, 2025 over Gertler's signature as Interim EVP and Provost. The update enumerates six institutional responses to the Task Force recommendations. First, the base budget for Research Computing was increased and additional one-time hardware and staff investments were made under a cost-recovery plan. Second, a "Dedicated Computing" solution was implemented within Research Computing to manage the mix of centralized and fully-shared compute. Third, several AI research hubs were established in specific domains. The LaCross Institute for Ethical AI in Business at Darden, the National Security Data and Policy Institute, and the Digital Technology for Democracy Lab are named, with additional hubs "beginning to coalesce, particularly in the area of AI and Health/Medicine." Fourth, 11 Commonwealth Chairs in AI were allocated to seven schools for external recruiting. Fifth, the AI Catalyst program was launched to give current faculty structured opportunities to develop AI-related skills and knowledge for their research. Sixth, the AI@UVA website was established. The update also announces the fall 2025 establishment of AI Research@UVA, with a faculty member to be selected to lead and an advisory board to be constituted.

AI Research@UVA

Launched in fall 2025 following the pathway set out in the October 6 update. On November 6, 2025, Gertler and the Vice President for Research announced the appointment of two co-directors: Ryan Wright, Rolls-Royce Commonwealth Eminent Professor of Commerce at the McIntire School, and Henry Kautz, Professor of Computer Science in the School of Engineering and Applied Science and former Division Director for Information and Intelligent Systems at the National Science Foundation (where he led the National AI Research Institutes Program from 2018 to 2022).

The initiative's stated functions are to advance, coordinate, and expand AI research at UVA; foster interdisciplinary research leveraging AI across the University; and increase the visibility and impact of

AI-based research at UVA. The co-directors' charge is to provide strategic leadership, foster interdisciplinary collaboration, engage internal and external stakeholders, convene existing AI-related institutes and initiatives, work with faculty, deans, and other leaders on emerging AI projects, and support UVA's leadership role in emerging AI research and policy across the Commonwealth and the country. The October 6 update specifies that the director (singular in the original text; operationalized as a co-directorship) will serve as an advisor to the Provost, the VPR, and the President on AI research strategy — a three-way reporting relationship that operationalizes the principle that AI research straddles academic governance and research governance and requires presidential-level visibility. An advisory board across the University is planned to provide input and guidance. The co-directors have established a moderated AI listserv (sympa@virginia.edu with subject line "subscribe ailst") as the University's central channel for AI-related events announcements.

The initiative was developed in 2024–25 by the Provost's Special Advisors on AI, Yael Grushka-Cockayne (Darden) and Scott Acton (Chair, Department of Electrical and Computer Engineering, SEAS). Their role was to translate the Task Force's central recommendation for a Center for AI Research into an operational initiative and to design the co-directorship role that Wright and Kautz would be recruited into.

Provost's Advisory Committee on AI

A standing advisory body that received the 2024 AI Research Task Force report and provides guidance on AI policy and strategy questions to the Provost. Ryan Wright is a named member (disclosed in the November 6, 2025 co-director announcement). Full membership, charter, and meeting cadence are not publicly documented at the evidence snapshot date. The committee is distinct from the pan-University standing AI@UVA committee described below.

Pan-University Standing AI@UVA Committee

Announced by Gertler at the September 2025 Board of Visitors Academic and Student Life Committee meeting. Gertler's framing: "My office is now developing a plan for a standing committee [that] could help us to think through how we ensure that our students understand how to use AI effectively and ensure that they understand its limits and the ethical and legal dimensions of this technology." Gertler further indicated: "Work on those topics is already underway in some schools and departments. The intention of a pan-University working group is to facilitate information sharing and provide additional resources." Priority areas named include AI literacy and academic integrity.

At the November 2025 Datapalooza event, Gertler said she was launching a standing committee to examine the AI skills students will need, how AI is shaping cognition, and the role of AI in curriculum, asking "what will future employers expect our students to know when they graduate?" At the same event she said the University is part of a push to establish a statewide AI research initiative with seven other Virginia public universities, working with private and government entities on workforce training, research acceleration, and AI deployment.

By May 2026, Leo Lo described the committee as established: in Cavalier Daily coverage of the AI Literacy and Action Lab launch, Lo said Gertler had established a committee between the Office of the Executive Vice President and Provost and the Center for Teaching Excellence on AI teaching and learning, composed of subcommittees designed to advise the Provost on AI in teaching, learning, and

research, and credited the committee as the origin point of the Lab idea. Formal membership, governance structure, meeting cadence, and the committee's relationship to the Advisory Committee on AI are not publicly documented at the snapshot date.

Advisor to the Provost on AI Literacy

A new position, created in September 2025. Gertler announced the role at the same Board of Visitors meeting as the standing committee. Leo S. Lo, Dean of Libraries, holds the position in an informal advisory capacity. Gertler's framing at the BOV meeting: "Leo has a special interest in AI, and he will serve in an informal role as my special advisor on AI literacy. Mr. Lo is committed to preparing universities for the future of AI." The role connects the Provost's Office to the Library's governance activity on AI (documented in detail in Unit 14) and anchors Lo's AI Literacy Framework within Provost-level programming.

Faculty Handbook Section 3.3.14

"Generative AI (GenAI) in Teaching and Learning" is codified in the Faculty Handbook at Section 3.3.14 in the 2025–26 edition (renumbered from 3.3.15 in the 2024–25 edition). The section references the Provost's GenAI guidance page, the Faculty AI Guides program, and the tools made available through ITS. It preserves individual faculty authority over classroom AI policies as an explicit principle. The handbook section establishes the University-wide framework under which all UVA schools operate unless they have published school-specific policies; the School of Data Science (October 2024) and the School of Medicine MD Program (November 2023) are the only units with published school-specific AI policies documented in the inventory to date.

Key Provost Guidance Points

The Guidance for Faculty & Students FAQ at genai.provost.virginia.edu operationalizes the Task Force's recommendations as non-binding guidance. Principal guidance points:

Faculty retain individual authority over classroom AI policies. Instructors should not require students to create accounts for non-UVA-licensed GenAI tools, because most require personal information (cell phone numbers or payment methods) to register and because the license agreements typically do not include UVA data protection terms. Students' original work is, in most cases, their intellectual property; instructors may not enter a student's original work into any AI tool that will add the work to the tool's training data. Instructors who use AI-assisted grading tools should safeguard against using systems that ingest student work into their data sets. UVA Copilot Chat is recommended as the preferred tool when students must use AI for an assignment, because its enterprise license includes contractual data protection. The Provost's Office discourages instructors from using GenAI detectors to investigate suspected academic fraud, citing the Task Force's observation that detection tools "are notoriously unreliable and hence using them is usually counterproductive and can be risky."

AI@UVA Public Portal

The broader AI@UVA initiative at ai.provost.virginia.edu encompasses seven thematic pillars: Research, News, AI in Teaching and Learning (via the genai.provost.virginia.edu sub-site), Student Experience, AI and Public Service, AI in Operations (via an ITS knowledge base article), and AI in Healthcare. The research page links to AI-related activity across all twelve schools and to named

institutes: the LaCross Institute for Ethical AI in Business (Darden), the National Security Data and Policy Institute, the NSF-Simons AI Institute for Cosmic Origins (CosmicAI), and the Link Lab (SEAS). The news page chronicles AI developments across Grounds. The public service page lists the AI4VA program and public sector AI training. The AI@UVA contact address is aboutai@virginia.edu, and the portal is maintained by the Office of the Provost from Booker House, 1709 University Avenue.

17.2 People

Brie Gertler — Interim Executive Vice President and Provost (since March 2025); Commonwealth Professor of Philosophy in the Corcoran Department of Philosophy. B.A. Philosophy (Swarthmore), M.A. Philosophy (Pennsylvania), Ph.D. Philosophy (Brown, 1997). At UVA since 2004. Prior UVA roles: chair of the Corcoran Department of Philosophy, interim associate dean of the College and Graduate School of Arts & Sciences (where she worked closely with then-Buckner W. Clay Dean Ian Baucom on College priorities including the Democracy Initiative), acting dean of the College and Graduate School of Arts & Sciences (fall 2019), Vice Provost for Academic Affairs (July 2021), and Deputy Provost and Senior Vice Provost for Academic Affairs. Past external appointments at the University of Wisconsin–Madison (associate professor) and the College of William & Mary (assistant professor). Editor of *Noûs* since 2017. Research focus: philosophy of mind, especially self-knowledge, consciousness, mental content, and mind-body dualism, with recent work on "how we should draw the boundary between mind and world, given that our thought processes are increasingly scaffolded by 'external' technology, like AI." Formed the Generative AI in Teaching and Learning Task Force in spring 2023 as Vice Provost. Now the signatory on Provost-level AI communications: the October 6, 2025 update on the AI Research Task Force, the September 2025 and December 2025 faculty updates, the announcement of Wright and Kautz as AI Research@UVA co-directors, and the September 2025 announcement of the pan-University AI@UVA standing committee and the AI Literacy Advisor role. Statement at the 2023 Task Force launch: "This technology is increasingly shaping research, communication and the world of work, and its role in higher education will continue to evolve." Her interim tenure has no announced end date: on March 26, 2026, the University paused its search for a permanent provost, the second unsuccessful search since Baucom's departure, with President Beardsley citing leadership changes and search committee turnover and announcing a restart with a newly formed committee no earlier than the next academic year. Gertler said she was "honored to continue to work alongside President Beardsley, the deans and other senior leaders to advance the University's academic mission." No other individual has touched every layer of UVA's AI governance architecture from inception through institutional coordination.

Ian Baucom — Executive Vice President and Provost until early 2025 (when he left UVA for Middlebury College). Chartered both the Generative AI in Teaching and Learning Task Force and the AI Research Task Force. No standalone public AI speech or op-ed was identified during his tenure. Now Executive Director of the Miller Center at UVA.

Paul Mahoney — Interim President of UVA from mid-August 2025 through January 2026 (between Jim Ryan's departure and Scott Beardsley's January 2026 start as UVA's 10th President). Gertler's

September 2025 faculty update describes Mahoney and Gertler as working closely together and both participating in meetings of the Faculty Senate and its executive council during the interim period.

Michael Palmer — Barbara Fried Director, Center for Teaching Excellence; Professor. Joined CTE in fall 2003. Ph.D. in chemistry background with current pedagogical interests in course design, alternative grading techniques, and pedagogical innovation. Director since 2016 (the Barbara Fried Director title reflects the 2018 \$6 million endowment gift from Board of Visitors member Barbara J. Fried, matched by the Bicentennial Professors Fund and the President's Office, that fully endowed the CTE director position). 2024 POD Network Innovation Award Semi-finalist, with Derek Bruff, Jessica Taggart, Kristin Sloane, and Jon Thompson, for the Teaching Hub. Three POD Network Innovation Awards; 2023 POD Network Bob Pierleoni Spirit of POD Award; 2012 UVA All-University Teaching Award. Co-author of *Developing High-impact Course Design Institutes: A Model for Change* (early 2025). Co-led the development of the Canvas course "Teaching in a World with Generative AI" with Gertler. Co-chair of the University Teaching and Learning Team (UTLT). Presented with Wright the paper "Re-envisioning AI transformation at scale" at the 2026 AAC&U Annual Meeting (Washington DC, January 21–23, 2026) — one of two UVA presentations framing the Faculty AI Guides and broader institutional AI-transformation work for a national audience.

Derek Bruff — Associate Director, Center for Teaching Excellence (2024–25 academic year appointment; working remotely from Nashville, Tennessee, with periodic visits to Grounds). Ph.D. in Mathematics (Vanderbilt); former Executive Director of the Vanderbilt University Center for Teaching (which he led for more than a decade); prior Visiting Associate Director at the University of Mississippi Center for Excellence in Teaching and Learning. Author of *Intentional Tech: Principles to Guide the Use of Educational Technology in College Teaching* (West Virginia University Press, 2019) and *Teaching with Classroom Response Systems: Creating Active Learning Environments* (Jossey-Bass, 2009). Producer of the *Intentional Teaching* podcast and newsletter, maintained at his Agile Learning blog (derekbruff.org). At UVA, Bruff's primary role is supporting the Faculty AI Guides program: co-designing programming with Kennedy and Taggart, facilitating at the August Faculty AI Guides Institute, and running learning community sessions throughout the academic year. Bruff contributed the Teaching Hub collections "Integrating AI into Assignments to Support Student Learning" and "Teaching with Custom AI Chatbots." His May 2025 *Intentional Teaching* episode with four UVA Faculty AI Guides (Kiera Allison, Jamie Jirout, Spyros Simotas, Jun Wang) is the most detailed public documentation of what the Guides are producing in the classroom.

Jessica (Jess) Taggart — Assistant Director, Center for Teaching Excellence. Co-Principal Investigator (with Breana Bayraktar, George Mason; and Dayna Henry, James Madison) of the MegaSoTL-AI cross-institutional Scholarship of Teaching and Learning project. Curator of multiple Teaching Hub collections on AI pedagogy: "How Do I Communicate About AI With My Students?", "What Can I Do to Prepare to Teach With AI?", "How Can I Promote Academic Integrity With AI?", "What Are Ethical Considerations for AI?", and "Leveraging AI in Assignments." Co-led (with Kennedy) the UVA team at the AAC&U Institute on AI, Pedagogy, and the Curriculum in 2024–25.

Andrew Kennedy — Assistant Director, Center for Teaching Excellence. AAC&U Institute team member (2024–25). Featured voice in the "Teaching in a World with Generative AI" Canvas course alongside Palmer. Co-organizer with Bruff and Taggart of the Faculty AI Guides Institute and the

monthly learning community meetings. Distinct from any Kennedy at the School of Education and Human Development or the School of Data Science.

Ryan Wright — Rolls-Royce Commonwealth Eminent Professor of Commerce, McIntire School of Commerce. Co-Director, AI Research@UVA (since November 6, 2025); Special Advisor to the Provost for AI Research; Member, Provost's Advisory Committee on AI. Previously served as Associate Dean for Strategic Initiatives and Senior Associate Dean for Faculty and Research at McIntire; his faculty page lists both deanships as past roles. Co-author, *AI Exchange@UVA* newsletter (the cross-Grounds Substack newsletter on AI in teaching, research, productivity, and operations that McIntire created and that is now a central UVA AI communications channel). Expertise: cybersecurity and privacy, digital innovation and AI, digital product management. Co-presented "Re-envisioning AI transformation at scale" with Palmer at the 2026 AAC&U Annual Meeting.

Henry Kautz — Professor of Computer Science, School of Engineering and Applied Science. Co-Director, AI Research@UVA (since November 6, 2025). From 2018 to 2022 served as Division Director for Information and Intelligent Systems at the National Science Foundation, where he led the National AI Research Institutes Program. Research focus: practical algorithms for solving worst-case intractable problems in logical and probabilistic reasoning, AI applications in healthcare, and social media analytics.

Yael Grushka-Cockayne — Landmark Communication Professor of Business Administration; Vice Dean and Senior Associate Dean for the Full-Time MBA, Darden School of Business; Academic Co-Director of the LaCross Institute; Special Advisor to the Provost on AI. Member, 2024 Provost's Task Force on AI Research. With Scott Acton, developed the operational plan for AI Research@UVA in 2024–25, translating the Task Force's recommended Center for AI Research into the co-directorship model that Wright and Kautz now lead. (Additional Darden AI leadership detail is in Unit 04.)

Scott Acton — Professor and Chair, Department of Electrical and Computer Engineering, School of Engineering and Applied Science. Served as Provost's Special Advisor on AI in 2024–25. Co-designed AI Research@UVA with Grushka-Cockayne.

Natasha Heny — Associate Professor, School of Education and Human Development. Co-Chair, 2023 Generative AI in Teaching and Learning Task Force. Also a 2025–26 Faculty AI Guide (representing Education).

Andrew Pennock — Associate Professor, Frank Batten School of Leadership and Public Policy. Co-Chair, 2023 Generative AI in Teaching and Learning Task Force. Public speaker on UVA's AI posture in higher education, including at the "More Than the Score" faculty lecture series, and widely quoted on Task Force findings in UVA Today and *Virginia Magazine* coverage.

T. Kenny Fountain — Associate Professor of English and Director of Writing Across the Curriculum, College and Graduate School of Arts & Sciences. Member, 2023 Generative AI in Teaching and Learning Task Force. Co-curator (with Heidi Nobles) of the Teaching Hub collection "Writing Assignments and Generative AI."

David Evans — Professor of Computer Science, School of Engineering and Applied Science. Co-Chair, 2024 Provost's Task Force on AI Research. Curator of the Faculty AI Guides program's

Teaching Hub assignments collection predecessors and a public voice on UVA's AI research posture. (SEAS-primary Unit 02 anchor.)

Rafael Alvarado — Associate Professor, School of Data Science. Co-Chair, 2024 Provost's Task Force on AI Research. (SDS-primary Unit 03 anchor.)

Madhur Behl — Associate Professor of Computer Science and Systems and Information Engineering, SEAS. Member, 2024 Provost's Task Force on AI Research.

Hudson Golino — Associate Professor of Psychology, College and Graduate School of Arts & Sciences. Member, 2024 Provost's Task Force on AI Research.

Jingjing Li — Andersen Alumni Associate Professor of Commerce, McIntire School of Commerce. Member, 2024 Provost's Task Force on AI Research. Co-curator (with Reza Mousavi) of the Teaching Hub collection "ChatGPT in Technical Courses." 2024–25 Faculty AI Guide.

Jon Michel — Director of Data Science, UVA Health. Member, 2024 Provost's Task Force on AI Research. (Health-primary context is in Unit 07.)

Ricky Patterson — Director, Research Data Services & Social, Natural, and Engineering Sciences, UVA Library. Member, 2024 Provost's Task Force on AI Research. (Library-primary anchor in Unit 14.)

Emily Scida — Learning Design and Technology, UVA. AAC&U Institute on AI, Pedagogy, and the Curriculum team member (2024–25).

Fang Yi — Learning Design and Technology, UVA. AAC&U Institute team member (2024–25). Co-curator (with Bethany Mickel) of the Teaching Hub collection "Frameworks and Activities for Fostering AI Literacy," which references Lo's AI Literacy Framework as a UVA-developed resource.

Heidi Nobles — Lecturer, English; Writing Across the Curriculum. AAC&U Institute team member (2024–25). Co-curator of the Teaching Hub collection "Writing Assignments and Generative AI." 2025–26 Faculty AI Guide (English & WAC).

Spyros (Spyridon) Simotas — Assistant Professor of French, College and Graduate School of Arts & Sciences. AAC&U Institute team member (2024–25). Co-curator of the Teaching Hub collection "Generative AI in World Languages." 2024–25 and 2025–26 Faculty AI Guide (French).

Bethany Mickel — UVA Library. AAC&U Institute team member (2024–25). (Primary Library anchor in Unit 14.) Co-curator of the Teaching Hub collection "Frameworks and Activities for Fostering AI Literacy."

Kimberly D. Acquaviva — Betty Norman Norris Endowed Professor of Nursing. AAC&U Institute team member (2024–25). A Provost's Office faculty fellow. One of UVA's faculty AI advisors. Curator of the Teaching Hub collection "Generative AI in Nursing" (the first discipline-specific GenAI collection published on the Teaching Hub, built from an April 2023 School of Nursing Faculty Development session). 2024–25 and 2025–26 Faculty AI Guide (Nursing). Also an AI Ambassador to the School of Nursing in the twelve-school AI Ambassadors program.

17.3 Teaching & Curriculum

Faculty AI Guides Program

The central faculty development program for AI at UVA. Jointly sponsored by the Office of the Executive Vice President and Provost and the Center for Teaching Excellence. The program began in 2024 with the inaugural 2024–25 cohort of 51 faculty from departments and schools across Grounds. The 2025–26 cohort comprises 27 faculty from 10 schools (Architecture; Arts & Sciences; Batten; Commerce; Darden; Data Science; Education; Engineering; Law; Nursing). Total participation across the two cohorts is 78 faculty. The School of Medicine is excluded from the program by design, reflecting the separate MD Program governance structure and the SOM's published school-specific AI policy.

Each Guide receives \$5,000 for a one-year appointment. The program requires a memorandum of understanding that links CTE, the individual Guide, the Guide's department chair, and the academic associate dean of the Guide's school. Responsibilities include completion of a multi-day AI Institute (a two-day institute held in August for the 2024–25 cohort, with the 2025–26 cohort continuing the August-institute pattern), participation in monthly small-team learning community meetings throughout the academic year, at least three discipline-relevant learning opportunities for colleagues (workshops, department presentations, or lunch-and-learns), and ongoing one-on-one consultation within their departments.

Derek Bruff (CTE Associate Director) co-designed the 2024–25 Institute programming and has been the external educational-development voice supporting the program alongside CTE Assistant Directors Andrew Kennedy and Jessica Taggart. Bruff has publicly framed the program in *Inside Higher Ed* and on his *Intentional Teaching* podcast as supporting "faculty who are interested in teaching with and about and in some cases against AI," a framing that preserves the discretionary posture the Provost's Office has adopted across its guidance.

The 2024–25 cohort mapped broadly across UVA's academic structure. Architecture: Lisa Reilly and Kyle Schumann. Arts & Sciences: representation from 24 departments, including English (Adrienne Ghaly, Dana Little), Engineering and Society (Bryn Seabrook), French (Spyros Simotas), Germanic Languages (Anna Borovskaya-Ellis), and Statistics (Shan Yu). Commerce: Kiera Allison, Stefano Grazioli, Jingjing Li, Roger Martin. Darden: Tim Laseter. Education: Michelle Beavers, Natasha Heny, Jamie Jirout, Erin Moore. Engineering: 11 Guides across most departments, including David Evans (CS/ECE), Garrick Louis (Systems Engineering), and George Prpich (Chemical Engineering / Materials Science and Engineering). Law: Rip Verkerke. Nursing: Kim Acquaviva and Julie Roebuck.

The 2025–26 cohort is smaller and more concentrated, representing 27 Guides across 10 schools: Architecture (Earl Mark); Arts & Sciences Humanities (Anna Borovskaya-Ellis, Rhiannon Goad, Matthew Hedstrom, Heidi Nobles, Brad Pasanek, Spyros Simotas, David Singerman, Jun Wang); Arts & Sciences Social Sciences (Tessa Farmer, Channing Mathews, Cynthia Tong, Nathan Wendte); Arts & Sciences STEM (Andreas Gahlmann, Bob Hirosky, Rich Ross); Batten (Dan Player); Commerce (Kiera Allison, Reza Mousavi); Darden (Chuck Howard, Tim Laseter); Data Science (Gianluca Guadagni); Education (Natasha Heny); Engineering (Somayeh Asadi, Bryn Seabrook); Law (Daniel Radthorne); Nursing (Kimberly Acquaviva).

Online Course: "Teaching in a World with Generative AI"

The flagship institution-wide faculty development course. Four asynchronous Canvas modules launched in fall 2024. The course was developed by the Office of the Executive Vice President and Provost in collaboration with CTE, SCPS, and the UVA Library. Gertler (as Provost) and Palmer (as CTE Director) jointly led the project. Kevin Lucey, SCPS Director of Instructional Design, served as instructional designer and project manager. Faculty and staff from nine schools participated on the project team alongside a Faculty Advisory Committee and a Student Advisory Committee. Featured voices include CTE team members Michael Palmer and Andrew Kennedy. Course content addresses whether and how to incorporate generative AI into teaching, how to talk with students about AI, and how to design assignments in the context of AI. This is the broadest cross-school faculty development artifact UVA has produced on AI. (SCPS-primary context for the course's instructional-design infrastructure is in Unit 12.)

MegaSoTL-AI

A cross-institutional Scholarship of Teaching and Learning project led at UVA by Jess Taggart (CTE Assistant Director), with co-Principal Investigators Breana Bayraktar (George Mason University Stearns Center for Teaching and Learning) and Dayna Henry (James Madison University Center for Faculty Innovation). The project brings together faculty, staff, graduate students, and postdocs across Virginia to study the impact of generative AI in teaching and learning in higher education. It encompasses 10+ sub-projects on educators' and students' generative AI experiences. The State Council of Higher Education for Virginia (SCHEV) awarded the project a \$75,000 Fund for Excellence and Innovation grant in 2024 to transform the research into resources and workshops. MegaSoTL-AI is one of UVA's most substantial cross-institutional AI research outputs focused on teaching itself.

AAC&U Institute on AI, Pedagogy, and the Curriculum

UVA joined the inaugural cohort of the Association of American Colleges and Universities (AAC&U) Institute on AI, Pedagogy, and the Curriculum in academic year 2024–25. The institute is designed to help departments, programs, colleges, and universities respond effectively to the challenges and opportunities AI presents for courses and curricula. UVA's team: Andrew Kennedy and Jess Taggart (CTE); Emily Scida and Fang Yi (Learning Design & Technology); Bethany Mickel (UVA Library); Heidi Nobles (Writing Across the Curriculum); Kim Acquaviva (Nursing); and Spyridon Simotas (French, A&S). The team's stated goals were to foster AI literacy among higher education instructors by incorporating student voices into conversations about generative AI; to encourage collaboration between students and instructors in service of excellence in teaching and learning with AI; to promote transparent, trust-based AI pedagogy attending to equity, ethics, and academic integrity concerns; and to establish UVA as a leader in AI pedagogy.

Teaching Hub Generative AI Gallery

The Teaching Hub at teaching.virginia.edu is CTE's platform for curated, discipline-specific teaching resources. Its Generative AI gallery contains 28 collections as of the evidence snapshot date, making it UVA's largest public repository of AI pedagogy guidance. Curators span CTE (Palmer, Taggart, Bruff), Learning Design & Technology (Yi with Mickel on AI literacy frameworks), discipline faculty (Kim Acquaviva on nursing; Rich Ross on statistics; T. Kenny Fountain and Heidi Nobles on writing;

Joanne Meier on Darden/business; Hope Fitzgerald and Spyros Simotas on world languages; Jeffrey Saucerman and Leyf Starling on SEAS; Jingjing Li and Reza Mousavi on ChatGPT in technical courses; Kiera Allison on supporting faculty through AI transition and on assessing student-AI collaboration; Michelle Hock and Rip Verkerke on designing assignments for academic integrity in the AI age; Pary Fassihi on AI-driven writing classrooms), the Library (Maggie Nunley, Meridith Wolnick), and students (Danielle Waterfield on AI to support students with disabilities; Katie Bertel on accessibility). The Gallery's explicit cross-referencing to Lo's AI Literacy Framework — in Mickel and Yi's "Frameworks and Activities for Fostering AI Literacy" collection — places the Provost's teaching apparatus in direct conversation with the Library's governance apparatus.

The Teaching Hub itself received a 2024 POD Network Innovation Award Semi-finalist nomination for "Democratizing Expertise to Crowdsourcing the Best Teaching and Learning Resources Across Higher Education," with Palmer, Bruff, Taggart, Kristin Sloane, and Jon Thompson as award honorees.

THRIVE Gen-AI Course Development Grants

A CTE grant program in support of the Provost's AI in teaching agenda, for faculty interested in incorporating AI instruction into a new or existing course. Grants are designed to foster thoughtful exploration of generative AI in the curriculum. The program is one of the Provost's Quick Guide's five explicitly named teaching-support resources (alongside the Guidance FAQ, the Teaching Hub gallery, the Canvas course, and the Faculty AI Guides program).

Example AI Syllabus Statements

CTE publishes a curated exemplar page of AI syllabus statements at teaching.virginia.edu/resources/example-ai-syllabus-statements-from-uva-faculty-ai-guides. Featured exemplars include Garrick Louis's student poll on AI use (SEAS Engineering and Society) and Rip Verkerke's fall 2024 syllabus statement (Law). The exemplar page is UVA's primary public showcase of how individual instructors have translated the Provost's guidance posture into classroom-level AI policies.

AI-Integrated Assignments Collection

In January 2025, CTE invited 2024–25 Faculty AI Guides to share assignments from their fall courses that thoughtfully integrated AI to support student learning. Bruff assembled the resulting submissions into the Teaching Hub collection "Integrating AI into Assignments to Support Student Learning," which Bruff publicly documented on his *Intentional Teaching* podcast in May 2025 (episode featuring Kiera Allison, Jamie Jirout, Spyros Simotas, and Jun Wang — four Guides from across Commerce, Education, French, and Chinese).

AI Exchange @UVA Newsletter

The Substack newsletter at aiatuva.substack.com, co-authored by Ryan Wright, explores AI in teaching, research, personal productivity, and operations across Grounds. Created by McIntire, now a cross-Grounds communications resource referenced in the Provost's co-director announcement as a central channel for AI engagement. The 2026 outlook edition featured a panel of 12 UVA experts offering AI predictions, including Raj Venkatesan (Darden) predicting a "breakthrough in physical

AI" and Peter Youngs (Education) anticipating universities "under pressure for AI for research." (McIntire-primary context in Unit 05.)

17.4 Tools & Technology

The Provost's Office does not directly manage AI tool deployments. That function belongs to ITS (Unit 15). The Provost's GenAI Guidance recommends UVA Copilot Chat as the preferred tool when students must use AI for an assignment, explicitly because the UVA enterprise license includes contractual data protection that personal or non-UVA-licensed tools do not. The Provost's FAQ discourages AI use for grading and prohibits requiring students to create accounts for non-UVA-licensed GenAI tools.

AI4VA Initiative

Operated through the Office of the Vice Provost for Online Education and Digital Innovation (OEDI). AI4VA partners with Riipen, Grow with Google, and the Charlottesville Regional Chamber of Commerce to pair UVA student teams with Virginia small businesses for AI consulting projects. Participating students complete the Grow with Google AI Professional Certificate. Projects run six weeks pro bono, totaling 100+ student hours per project. Applications were open for spring 2026. AI4VA is UVA's principal public-service-facing AI program at the Provost level and anchors Part I's AI and Public Service pillar.

Google AI for Education Accelerator

UVA was named to the first cohort of the Google AI for Education Accelerator on August 27, 2025, giving UVA students, faculty, and staff no-cost access to Google Career Certificates and AI training courses. The accelerator is one of several external partnerships the Provost's Office has entered to expand free AI-skill training access across the University.

AI Catalyst Program

A Provost's Office initiative launched in response to the 2024 AI Research Task Force recommendations and named in the October 6, 2025 update as one of the six explicit institutional responses. The program is a year-long (August to August) cohort experience for tenured and tenure-eligible faculty whose research would benefit from AI but who need additional skills, coaching, or technical infrastructure. Up to 15 faculty per cohort; each participant receives \$10,000 in discretionary research funding, mentoring, priority access to the Data Analytics Center, three cohort gatherings per semester, and a year-end showcase. Proposals route through each school's dean's office, which forwards up to five to AI Research@UVA for final selection. For the 2026–27 cohort, school deadlines fell at the end of May 2026 with decisions due June 15 and the program running August 2026 through August 2027; the May 2026 AI Exchange @UVA newsletter refers to the reviewing body as "the AI Research Institute." The 2025–26 cohort's projects include missing-data imputation in longitudinal studies, AI-driven Higgs boson detection, transcription of 1.4 million Bureau of Indian Affairs index cards for indigenous land policy research, and ESG language shifts in mutual fund disclosures. The program is distinct from the Faculty AI Guides program in audience (research faculty rather than teaching faculty) and in focus (research skills rather than pedagogy).

17.5 Research & Scholarship

AI Research@UVA

The coordinating initiative for AI research across Grounds, established fall 2025 with co-directors Ryan Wright and Henry Kautz appointed November 6, 2025. AI Research@UVA reports jointly to the Provost and the Vice President for Research, with the co-directors also serving as advisors on AI research strategy to the President. The initiative's operational charge is to convene existing AI-related institutes and initiatives (including the LaCross Institute at Darden, NSDPI, the Digital Technology for Democracy Lab, the NSF-Simons CosmicAI Institute, the Link Lab, and the Biocomplexity Institute's AI Division), work with deans and faculty on emerging AI projects, and support UVA's external presence on AI research and policy. The co-directors' moderated AI listserv is the University's central channel for AI-related events announcements.

11 Commonwealth Chairs in AI

The Provost's Office, through its partnership with the VPR, has allocated 11 Commonwealth Chairs in AI to seven UVA schools to support external recruiting in AI. Commonwealth Chairs are named professorships that carry both prestige and dedicated resources; their allocation in a specific disciplinary area signals strategic hiring priority. This is UVA's most concrete strategic-hiring commitment to AI at the Provost level.

Grand Challenges Research Investments

Grand Challenges Research Investments are co-sponsored by the OVPR and the Provost's Office. Grounded in UVA's Great and Good 2030 Plan, the investments fund work in five priority areas: Democracy; Environmental Resilience and Sustainability; Precision Medicine/Health; Brain and Neuroscience; and Digital Technology and Society. Targeted investments have ranged from \$20 million to \$50 million per area and have funded cluster hires, postdoctoral scholars, graduate students, and research infrastructure. Over \$200 million in strategic funds have been deployed since 2021. The Digital Technology and Society theme is the direct home of the pan-University AI research investments, with work focused on youth mental health in digital environments, algorithmic fairness, and democratic accountability in online AI systems. (Full VPR-side context in Unit 16.) A February 18, 2026 Research Achievement Awards ceremony highlighted the research outputs across the Grand Challenges areas.

UVA Research Hubs

On March 20, 2026, the OVPR announced the UVA Research Hubs, a set of faculty-led cross-Grounds research communities selected through a competitive process that drew more than 90 proposals. The Provost co-sponsors the Hubs alongside the VPR. Several Hubs sit directly on AI: the UVA Physical AI Hub; the Designing Development: Environments, Intelligence, and Learning Hub (co-chairs Katie Stranix, Mariana Teles, Amanda Williford, with an "Advancing Early Childhood through AI" pillar); the UVA IMPACT Hub for implementation science (co-chairs Catherine Bradshaw and Matt Gurka); the Integrated Energy Systems Hub; the Supply Chains and Critical Materials Hub; ANISE; CICLEC (co-chairs Machan and Paolucci); the Hypersonic Hub; and the New

Approach Methodologies Hub (co-chairs Peirce-Cottler and Saucerman). (Full VPR-side Hub descriptions are in Unit 16.)

Data, AI, and Health Collaboratory (DAHC)

Launched January 22, 2026. DAHC is a cross-Grounds coordination network, jointly backed by the Schools of Data Science, Medicine, Engineering, Darden, and Education and Human Development, and by UVA Health. It functions as a multi-school governance network with a steering committee, shared resources, and topic-based open working groups on safety and governance; clinical evaluation and silent-mode pilots; AI/LLMs and ambient tools; imaging and physiologic signals; operations and workflow; and population health. (SDS-primary context in Unit 03; Health-primary context in Unit 07.)

Capital One AI Research Neighborhood

A \$4.5 million SEAS partnership announced on the AI@UVA news page, establishing the Capital One AI Research Neighborhood in the planned Whitehead Road Engineering Academic Building and launching the Capital One Ph.D. program in AI. This is UVA's most visible AI-focused industry partnership at the Provost-facing portal level. (SEAS-primary context in Unit 02.)

NSF-Simons CosmicAI Institute

UVA's Department of Astronomy is a partner in the NSF-Simons AI Institute for Cosmic Origins, which brings approximately \$2.7 million in funding to Grounds and applies AI to astronomical research. Listed among the named AI research initiatives on the AI@UVA research page. (A&S-primary context in Unit 01.)

Research Infrastructure Roll-Up

Research governance for individual AI projects is documented in the unit dossiers of the schools and institutes where principal investigators are housed. The Provost's Office function at the research level is coordination, not direct management: convening the Hubs, approving the Commonwealth Chair allocations, co-sponsoring the Grand Challenges investments, and operating AI Research@UVA as a cross-school integrator. The Provost's Office does not hold grants, employ researchers, or operate labs; it holds the strategic architecture.

17.6 Events & Programming

GenAI Task Force Town Halls (Spring 2023)

Six virtual town halls organized by school grouping, March through May 2023. Approximately 300 faculty participated. Three sessions served Arts & Sciences (natural sciences; social sciences; arts/humanities with professional/continuing education); additional sessions served Engineering and the professional schools.

AI Research Task Force Forums (January–February 2024)

Four discussion forums convened by the AI Research Task Force, January 29 through February 5, 2024. Two held in person (one at the Clark Hall Library, one at Darden), two on Zoom. Seventeen faculty attended across all forums, drawn from the 56 survey respondents who had indicated

willingness to follow up. Topics included AI use in research, UVA's strengths and needs, industry collaboration, resource requests, and ethics.

Faculty AI Guides Institute and Learning Communities

Multi-day August institute for each annual Faculty AI Guides cohort, followed by monthly small-team learning community meetings throughout the academic year. The 2024–25 institute was two days and featured Bruff, Kennedy, and Taggart as facilitators alongside invited speakers.

AI in Curriculum Workshops and Consultation

CTE's 2024–25 and 2025–26 programming includes AI-focused workshops delivered by Faculty AI Guides to their departments (minimum three per Guide per year) and CTE-led University-wide workshops on AI pedagogy. Program-level volume is substantial, though not publicly aggregated in a single portal location.

AAC&U Annual Meeting 2026

The 2026 AAC&U Annual Meeting (Washington DC, January 21–23, 2026) included UVA's presentation by Palmer and Wright titled "Re-envisioning AI transformation at scale," drawing on the Faculty AI Guides program, the broader CTE AI initiatives, and AI Research@UVA as institutional cases. This is UVA's most visible national-forum framing of its AI pedagogy work.

Gertler Faculty Updates

Gertler's September 2025 faculty update announced the AI@UVA website; her December 2025 faculty update highlighted the November 6, 2025 appointment of Wright and Kautz as AI Research@UVA co-directors and the moderated AI listserv. These updates are the most consistent Provost-level public signaling on AI in the inventory.

September 2025 Board of Visitors Academic and Student Life Committee Meeting

Gertler announced the pan-University standing AI@UVA committee (then in formation), the creation of the Advisor to the Provost on AI Literacy role, and Leo Lo's appointment to that role. This was UVA's highest-visibility governance signal on AI in the September 2025 period.

"More Than the Score" Faculty Lecture Series

Andrew Pennock presented on AI in teaching as part of this lecture series. The series is a College-and-CTE co-sponsored faculty lecture program that has included several AI-focused sessions since 2023.

Gaps and Observations

The Provost's Office has built multilayered AI coordination infrastructure — two Task Forces; two Special Advisors; an Advisory Committee; a pan-University standing committee announced in September 2025 and described as established by May 2026; AI Research@UVA with two co-directors in a three-way reporting relationship to Provost, VPR, and President; an AI Literacy Advisor; the Faculty AI Guides program across two cohorts; the AAC&U Institute team; MegaSoTL-AI with SCHEV funding; the Teaching Hub Gallery; the Canvas course; the AI Catalyst program for research

faculty; the AI4VA public-service program; and the 11 Commonwealth Chairs in AI across seven schools. What none of this architecture produces is binding policy. Faculty retain individual authority over classroom AI rules. The two Task Force reports were advisory. The Advisory Committee on AI has undisclosed membership. Faculty Handbook Section 3.3.14 codifies the existence of AI in teaching and learning but explicitly preserves individual faculty discretion. This is UVA's governance posture by design, and it mirrors the broader decentralized federation of schools and departments under which the University operates.

The Faculty AI Guides program is the hands-on element of that posture. At 78 faculty across two cohorts from a faculty body of approximately 1,600, the program reaches roughly 5% of UVA faculty directly, with the theory that Guides will propagate their learning through department-level consultations, workshops, and lunch-and-learns. The School of Medicine is excluded by design. Whether the cascade model achieves the reach envisioned depends on departmental uptake that the Provost's Office does not directly monitor in public-facing reporting.

The shift from a two-site web presence (ai.provost.virginia.edu and genai.provost.virginia.edu) to a seven-pillar unified AI@UVA portal in fall 2025 reflects the Provost's Office's move from a reactive teaching-and-learning concern (the 2023 Task Force) to a proactive research, operations, healthcare, student experience, and public service strategy. The genai site now functions as a sub-portal for teaching and learning within the broader ai.provost.virginia.edu umbrella. Navigation across the two sites remains distinct, and the materials on each differ in audience and tone.

The AI Research@UVA co-directorship is a cross-school leadership model. Wright (McIntire, business) and Kautz (SEAS, computer science) bring complementary rather than overlapping expertise. The dual appointment reports to the Provost and the VPR with an additional advisory line to the President, which operationalizes the principle that AI research spans academic and research governance. Whether this produces jurisdictional clarity or committee-layer complexity depends on how Wright and Kautz operate and how the planned advisory board is constituted. At the evidence snapshot date, the co-directorship was approximately five and a half months old.

The pan-University standing AI@UVA committee Gertler announced at the September 2025 Board of Visitors meeting was described as established by May 2026, when Lo credited it as the origin of the AI Literacy and Action Lab and described its subcommittee structure. The committee's membership has never been publicly disclosed, in formation or after; Gertler's framing throughout described a coordinating rather than regulatory body. The committee is distinct from the Provost's Advisory Committee on AI, which has existed since at least the 2023 Task Force period.

Palmer and Wright's January 2026 AAC&U Annual Meeting paper "Re-envisioning AI transformation at scale" marks UVA's most visible national-forum framing of its Provost-level AI work to date. The paper's framing of UVA as a case for institutional AI transformation, rather than as a case for any specific technical approach, reflects the Provost's Office's institutional-coordination posture.

The Gertler biography is itself a relevant governance fact. A philosopher of mind with recent research on how thought processes are increasingly scaffolded by external technology has been the signatory on nearly every Provost-level AI communication since spring 2023. The personal-intellectual alignment between Gertler's philosophical work and UVA's AI governance work is visible in the

framing of Task Force charges, in the FAQ's careful attention to student intellectual property, and in the guidance posture's insistence that classroom AI decisions belong to faculty rather than to centralized policy.

Cross-References

- **School of Engineering (Unit 2):** Kautz co-directs AI Research@UVA; Acton was Special Advisor on AI; David Evans co-chaired the 2024 Task Force; Garrick Louis's syllabus poll is shared as a Faculty AI Guide exemplar.
- **McIntire School of Commerce (Unit 5):** Wright co-directs AI Research@UVA; AI Exchange @UVA newsletter originated at McIntire; Jingjing Li served on the 2024 Task Force; Allison, Grazioli, Li, and Martin served in the 2024–25 Faculty AI Guides cohort; Mousavi joined the 2025–26 cohort.
- **Darden School of Business (Unit 4):** Grushka-Cockayne served as Special Advisor on AI (2024–25) and on the 2024 AI Research Task Force; LaCross Institute is named among AI@UVA research initiatives; Laseter and Howard are 2025–26 Faculty AI Guides.
- **School of Education and Human Development (Unit 9):** Heny co-chaired the 2023 GenAI Task Force and is a 2024–25 and 2025–26 Faculty AI Guide; Beavers, Jirout, and Moore served as 2024–25 Guides; Peter Youngs is quoted in the 2026 AI Exchange outlook.
- **Frank Batten School of Leadership and Public Policy (Unit 10):** Pennock co-chaired the 2023 GenAI Task Force and presented at "More Than the Score"; Player serves in the 2024–25 and 2025–26 Guides cohorts.
- **School of Data Science (Unit 3):** Alvarado co-chaired the 2024 AI Research Task Force; Kropko served as a 2024–25 Faculty AI Guide; Guadagni is the 2025–26 Guide; SDS AI policy operates alongside Provost-level guidance.
- **School of Medicine (Unit 7):** Jon Michel (UVA Health Director of Data Science) served on the 2024 Task Force; SOM MD Program GenAI policy operates alongside Provost-level guidance; Faculty AI Guides program excludes SOM by design; DAHC is jointly governed with SOM.
- **School of Nursing (Unit 8):** Acquaviva and Roebuck served as 2024–25 Faculty AI Guides; Acquaviva is a Provost's Office faculty fellow and continuing 2025–26 Guide; Acquaviva and Craig are named AI Ambassadors to Nursing.
- **School of Architecture (Unit 11):** Reilly and Schumann served as 2024–25 Faculty AI Guides; Mark is the 2025–26 Guide.
- **School of Law (Unit 6):** Verkerke's AI syllabus statement is shared as a Faculty AI Guide exemplar; Verkerke served as a 2024–25 Faculty AI Guide; Radthorne is the 2025–26 Guide.
- **School of Continuing and Professional Studies (Unit 12):** Kevin Lucey (SCPS Director of Instructional Design) managed the Canvas course project that Gertler and Palmer co-led.
- **Biocomplexity Institute (Unit 13):** AI Division research is among the "AI research hubs" beginning to coalesce in the Health/Medicine area per the October 2025 update.

- **UVA Library (Unit 14):** Lo is Advisor to the Provost on AI Literacy; Ricky Patterson served on the 2024 AI Research Task Force; Bethany Mickel served on the 2024–25 AAC&U Institute team; Lo's AI Literacy Framework anchors the Teaching Hub Gallery's AI literacy resources; the AI Literacy and Action Lab is a joint Library/College venture that reports to the Provost through the College.
- **ITS & CIO (Unit 15):** Provost guidance recommends UVA Copilot Chat; tool governance is ITS function; UVA RC GenAI was launched by Research Computing under ITS in March 2026; Fontaine Research Data Center received Provost-level visibility at the BOV.
- **Office of the Vice President for Research (Unit 16):** AI Research@UVA reports jointly to the Provost and the VPR; Grand Challenges and UVA Research Hubs are jointly sponsored; Epstein (as interim VPR) and Wagner (as COS to VPR) served as ex officio members of the 2024 Task Force; DAHC is jointly governed across schools and UVA Health.
- **National Security Data and Policy Institute (Unit 19):** NSDPI is one of the "AI research hubs" explicitly named in the October 6, 2025 update.
- **Part I, Section I (Institutional AI Governance Architecture):** This unit's governance activity constitutes the bulk of Part I, Section I content.
- **Part I, Section II (Policy Infrastructure):** Faculty Handbook Section 3.3.14 routes through the Provost's Office.
- **Part I, Section III (Teaching & Learning Posture):** Faculty AI Guides, Canvas course, AAC&U Institute team, Teaching Hub Gallery, THRIVE Gen-AI grants, the 2023 Task Force Report, the Quick Guide.
- **Part I, Section VI (Research Governance & Ethics):** AI Research@UVA, AI Catalyst, Commonwealth Chairs in AI, Grand Challenges, UVA Research Hubs, the 2024 AI Research Task Force Report.
- **Part I, Section VIII (Infrastructure & Strategic Investment):** Commonwealth Chairs in AI; Capital One AI Research Neighborhood.
- **Part I, Section IX (Public Statements & Executive Signaling):** Gertler's faculty updates; BOV remarks; Palmer-Wright AAC&U paper; the November 6, 2025 co-director announcement; AI Exchange @UVA 2026 outlook.

Sources

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<https://ai.provost.virginia.edu/>

AI @ UVA Research page — linking AI research across all twelve schools and to LaCross Institute, NSDPI, CosmicAI, Link Lab
<https://ai.provost.virginia.edu/research>

AI Research@UVA co-director announcement — Wright and Kautz appointments (November 6, 2025), dual reporting structure, Provost's Advisory Committee on AI reference, initiative origins with Grushka-Cockayne and Acton
<https://ai.provost.virginia.edu/new-co-directors-for-ai-researchatuva>

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<https://ai.provost.virginia.edu/news>

AI @ UVA Student Experience page — programs, internships, extracurriculars

<https://ai.provost.virginia.edu/student-experience>

AI @ UVA and Public Service page — AI4VA program, public sector training, SDS summer camp

<https://ai.provost.virginia.edu/ai-and-public-service>

GenAI in Teaching and Learning site — Provost's Office and CTE resources, links to Task Force Report

<https://genai.provost.virginia.edu/>

Guidance for Faculty & Students FAQ — full guidance on AI tool use, UVA Copilot Chat recommendation, student IP protection, AI detection tool discouragement

<https://genai.provost.virginia.edu/guidance-for-faculty-students>

Gen-AI Programs page — Canvas course, Faculty AI Guides, CTE initiatives

<https://genai.provost.virginia.edu/genai-programs>

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<https://genai.provost.virginia.edu/task-force-report>

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<https://academic-affairs.provost.virginia.edu/quick-guide-genai>

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<https://provost.virginia.edu/staff/brie-gertler>

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<https://philosophy.virginia.edu/brie-gertler>

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<https://uva.theopenscholar.com/brie-gertler/>

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<https://cte.virginia.edu/programs/faculty-ai-guides/2025-2026-faculty-ai-guides>

CTE 2024–2025 Faculty AI Guides roster — 51 Guides in inaugural cohort with full named list and two-day August institute description

<https://cte.virginia.edu/programs/faculty-ai-guides/2024-2025-faculty-ai-guides>

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<https://cte.virginia.edu/programs/faculty-ai-guides/call-for-applications>

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<https://cte.virginia.edu/team/michael-palmer>

CTE Derek Bruff team page — Associate Director, Faculty AI Guides program support, *Intentional Teaching* podcast

<https://cte.virginia.edu/team/derek-bruff>

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<https://teaching.virginia.edu/galleries/generative-ai>

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CTE Team page — team structure including Palmer, Bruff, Kennedy, Taggart

<https://cte.virginia.edu/team>

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<https://canvas.its.virginia.edu/courses/134984>

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<https://www.scps.virginia.edu/news/educating-uva-faculty-about-teaching-world-generative-ai>

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<https://cte.virginia.edu/news>

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<https://nursing.virginia.edu/news/artificial-intelligence-kim-acquaviva/>

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<https://www.cavalierdaily.com/article/2026/03/uva-pauses-provost-search-cites-leadership-changes-and-search-committee-turnover>

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<https://ai.provost.virginia.edu/ai-upskilling>

AI Exchange @UVA [2026.16] — May 2026 newsletter documenting the AI Catalyst 2026–27 application cycle (school deadlines end of May, decisions June 15), the 2025–26 cohort projects, and the "AI Research Institute" designation for the reviewing body

<https://aiatuva.substack.com/p/two-may-ai-program-deadlines-and>

18.

Unit 18. UVA's College at Wise

KEY SIGNALS

UVA Wise is a liberal arts college of roughly 2,000 students in Southwest Virginia, operating as the only branch campus of the University of Virginia. It holds three AI-relevant institutional positions: a Spring 2024 standalone AI policy (hosted on Box and administered through CAFE); the Institute for Applied Data Analytics (opened spring 2024, Executive Director Gurkan Akalin), which anchors new coursework in data analytics, AI, and data visualization; and an Apple-based 1:1 technology program (innovate2eleVAte, 2019) that earned Apple Distinguished School designation in October 2021. The College's AI-adjacent footprint is scaled to its size but structurally clear.

UVA Wise enrolls approximately 2,000 students and offers the only four-year, ABET-accredited undergraduate software engineering program at a public institution in Virginia. The Chancellor is Donna Price Henry, PhD, who has led the College since January 2013 as its eighth Chancellor. The College falls under UVA system policies including IRM-002 for IT acceptable use. Two faculty development entities operate on campus: CAFE (Center for the Advancement of Faculty Excellence) supports UVA Wise faculty, while the Center for Teaching Excellence (CTE, a distinct unit at cte.uvawise.edu) offers K-12 licensure and recertification coursework.

<https://www.uvawise.edu/chancellor>

<https://www.uvawise.edu/directory/donna-price-henry>

<https://www.uvawise.edu/academics/departments/mathematics-computer-science>

18.1 Governance & Policy

UVA Wise Policy on AI

The College approved a standalone AI policy in Spring 2024. The policy is hosted on Box and linked from CAFE's Faculty Resources page under both the "AI Resources" and "Syllabus Guides" sections. CAFE requires that faculty include a clear AI policy in every course syllabus, one that "makes every attempt to clarify precisely where AI can and cannot be used in your assignments." Sample syllabus language from multiple UVA Wise faculty is provided as a companion resource.

<https://uvawise.box.com/s/nccoux9docy2912wp561sfspdxv6z8n>

<https://uvawise.box.com/s/0lro2m1knkiayhfqzvpo6faerik0cgmv>

<https://www.uvawise.edu/academic-affairs/center-for-advancement-faculty-excellence/resources>

Relationship to UVA System Policies

UVA Policy IRM-002 (Acceptable Use of IT Resources) applies to Wise, as IRM-002 explicitly governs the Academic Division, the Medical Center, the College at Wise, and University-Associated Organizations. The system-wide prohibition on DeepSeek AI and CapCut applies. UVA Copilot access flows through central UVA ITS.

<https://uvapolicy.virginia.edu/policy/IRM-002>

Honor System

The UVA Wise Honor System Constitution does not contain explicit AI language. The Nursing Student Handbook provides an interpretive statement regarding AI and academic integrity. Beyond these, individual course syllabi are the operative instrument for AI rules at the College, a consequence of CAFE's syllabus-required-AI-policy standard.

CAFE Practical Guidance on Detection

CAFE's Faculty Resources page states directly: "No AI checker is a smoking gun, and charges of plagiarism with AI are nearly impossible to prove." The page advises faculty to invite students into private office conversations rather than pursuing accusations, to check with Chairs before making formal charges, and to treat Grammarly's AI-driven features as a teaching moment rather than a violation trigger. This is the most explicit AI-detection guidance documented at any UVA unit.

<https://www.uvawise.edu/academic-affairs/center-for-advancement-faculty-excellence/resources>

18.2 People

Chancellor and Senior Leadership

Donna Price Henry, PhD — Chancellor since January 18, 2013 (eighth Chancellor of UVA Wise). Biologist by training (BA University of Pennsylvania, PhD in Physiology from Thomas Jefferson University); professor of biology on the UVA Wise faculty. Her cabinet's top-10 retrospective attributed the innovate2eleVAte 1:1 Apple program (fall 2019) to her leadership and noted UVA Wise's October 2021 Apple Distinguished School designation.

<https://www.uvawise.edu/directory/donna-price-henry>

<https://www.uvawise.edu/news/2023/01/chancellor-henrys-top-10-achievements-past-decade>

Institute for Applied Data Analytics

Gurkan Akalin, PhD — Executive Director of the Institute for Applied Data Analytics; Chair, Department of Business and Economics; Professor of Business Analytics. Joined UVA Wise in August 2023. Previously Assistant Chair at Eastern Illinois University's Lumpkin College of Business and Technology (11 years). PhD in Business Administration (focus on Management Science), University of Texas at Arlington; MS Industrial Engineering, Georgia Institute of Technology; BS Industrial and Systems Engineering, USC. Prior industry work as a quantitative/data analyst for Morningstar, operations analyst for Norfolk Southern, and analyst at a Los Angeles logistics firm. Serves on the advisory board of the Commonwealth Cyber Initiative Southwest Virginia.

<https://www.uvawise.edu/news/2023/09/uva-wise-announces-new-business-and-economics-chair-applied-data-analytics-institute>

<https://cyberinitiative-swva.org/about/advisory-boards/Gurkan-Akalin.html>

Ning Zhou, CPA — Accounting instructor; collaborator with Akalin on the September 2025 cybersecurity and behavioral risk analytics research award.

<https://www.uvawise.edu/news/2025/09/uva-wise-receives-cybersecurity-research-award>

CAFE Leadership

Emily Dotson — Director, Center for the Advancement of Faculty Excellence. CAFE programs in 2024-25 delivered 16 in-person workshops (93 participants, 14 faculty workshop leaders) and 8 Faculty Learning Communities (100 participants, 11 faculty leaders), engaging 218 faculty. Contact: ead2y@uvawise.edu. Dotson also serves as a named contact on UVA Wise's AI Resources guidance for faculty.

<https://www.uvawise.edu/academic-affairs/center-for-advancement-faculty-excellence>

UVA Wise CTE Faculty (K-12 AI-adjacent instruction)

Daniel Vanover (dlv5r@uvawise.edu) — Instructor of EDU C305 "Empowering Educators with AI Tools" and EDU C425 "Using Technology in the Classroom" through the UVA Wise CTE recertification course series. The AI Tools course is specifically designed for K-12 teachers pursuing recertification.

<https://cte.uvawise.edu/courses>

Remote Teaching Administration

Sabrina Qureshi — handles remote-teaching credentialing per UVA Wise policy (Faculty Handbook Section 4.1.4). Not AI-specific but governs the modality under which any future AI-inflected remote teaching would operate.

Dean of Faculty

Bruce Cahoon — Dean with responsibility for tenure and promotion standards administration; signs the annual tenure and non-tenure memos.

<https://www.uvawise.edu/academic-affairs/center-for-advancement-faculty-excellence/resources>

18.3 Teaching & Curriculum

CAFE AI Resources

CAFE's Faculty Resources page hosts a dedicated "AI Resources" section with six linked documents: a questions-to-ask-about-suspicious-writing guide, the UVA Wise AI Policy (Spring 2024), sample AI syllabus language from multiple disciplines, a student handout on ethical writing (including AI-generative text), and a Teaching AI Literacy PowerPoint for faculty. The page also links out to UVA Charlottesville's Provost FAQ, the Teaching Hub resources, MLA and CCCC policy

recommendations, MLA and APA citation guides for AI, and two commercial AI detection tools (Winston AI and ZeroGPT).

<https://uvawise.box.com/s/ig5j6urlpy50rxniku18furap0efcjkf>

<https://uvawise.box.com/s/g5v5cudzm3tr36ohj7yo78tmq75zhq1f>

<https://uvawise.box.com/s/uhv7x9osr86ou49wz9pm4nru2sybkmgh>

Coursework in Data Analytics and AI

In Spring 2024, the Business and Economics department and the Mathematics and Computer Science department began offering courses in data analytics and modeling, artificial intelligence, and data visualization and analytics. These coursework additions accompanied the opening of the Institute for Applied Data Analytics.

<https://virginiabusiness.com/a-world-of-opportunities/>

Master's in Technology Management and Data Analytics (in development)

A new master's degree program is under development at UVA Wise. The program is specifically named "Technology Management and Data Analytics," per Akalin's Commonwealth Cyber Initiative Southwest Virginia advisory-board profile. Program launch is pending SCHEV approval.

<https://cyberinitiative-swva.org/about/advisory-boards/Gurkan-Akalin.html>

EDU C305 "Empowering Educators with AI Tools"

Offered through the UVA Wise Center for Teaching Excellence (distinct from CAFE) as a recertification course for K-12 educators. The course description covers the history and mechanics of AI, distinctions between predictive and generative AI, bias and data privacy ethics, and practical applications including "AI as digital executive assistant," UDL-aligned lesson design, rubric-aligned student feedback, and advanced prompting strategies. Multimodal tools including NotebookLM are taught. The pedagogical frame is a "Teacher-in-the-Loop" model. Instructor: Daniel Vanover. Offered in Fall, Spring, and Summer II terms.

<https://cte.uvawise.edu/courses>

Existing ABET-Accredited Majors

UVA Wise offers the only four-year, ABET-accredited undergraduate software engineering program at a Virginia public institution, along with ABET-accredited computer science (CAC) and software engineering (EAC). Students in computer science, management information systems, or software engineering may complete an additional concentration in cybersecurity.

<https://www.uvawise.edu/academics/majors-minors/software-engineering>

<https://www.uvawise.edu/academics/majors-minors/computer-science>

18.4 Tools & Technology

UVA Copilot Access

Wise accesses UVA Copilot Chat through the central UVA ITS infrastructure. CAFE links the UVA Charlottesville GenAI FAQ as a beginner introduction. DeepSeek AI and CapCut are prohibited per IRM-002.

<https://genai.provost.virginia.edu/guidance-for-faculty-students>

innovate2eleVAte 1:1 Apple Technology Program

Launched fall 2019 under Chancellor Henry's direction, innovate2eleVAte placed an iPad, Apple Pencil, and keyboard in the hands of every UVA Wise student, staff professional, and faculty member. The campus-wide and innovative use of the technology led to UVA Wise being named an Apple Distinguished School in October 2021. The program positioned UVA Wise to adapt rapidly during the pandemic's shift to virtual instruction.

<https://www.uvawise.edu/news/2023/01/chancellor-henrys-top-10-achievements-past-decade>

AI Detection Tools (External Reference)

CAFE links Winston AI (7-day / 2,000-word trial free; \$12/month basic) and ZeroGPT (15,000 words free; \$9/month Pro) as optional references for faculty. These are not mandated; CAFE's guidance explicitly warns that AI-detection outputs are insufficient to sustain plagiarism charges.

<https://gowinston.ai/>

<https://www.zerogpt.com/>

UVA-Wide Tools Available

UVA Wise faculty and students have access to UVA Charlottesville's AI tool stack through central agreements: Consensus (enterprise license, Library-managed), UVA Copilot Chat, and the Teaching in a World with Generative AI Canvas course.

18.5 Research & Scholarship

Institute for Applied Data Analytics

Opened in Darden Hall in Spring 2024, the Institute for Applied Data Analytics serves as UVA Wise's research and consultancy vehicle at the intersection of data analytics, AI, and regional economic development. Akalin described its mission as bringing "the second wave of data analytics" through artificial intelligence to all students. The Institute is positioned to develop certificate programs and workshops for regional businesses, conduct research with UVA Wise faculty, and consult for local businesses and governments. The Institute's topical branches include AI and applied analytics in accounting, cybersecurity, and cloud computing.

<https://www.uvawise.edu/news/2023/09/uva-wise-announces-new-business-and-economics-chair-applied-data-analytics-institute>

<https://virginiabusiness.com/a-world-of-opportunities/>

September 2025 Cybersecurity Research Award

Akalin (PI) and accounting instructor Ning Zhou received a research award for the project "Cybersecurity and Behavioral Risk Analytics in Remote Audit Practice: A Regional Study in Southwest Virginia and Appalachia." The project sits at the intersection of cybersecurity and human behavior in remote auditing, a use case that will apply data analytics and AI-relevant methods.

<https://www.uvawise.edu/news/2025/09/uva-wise-receives-cybersecurity-research-award>

Commonwealth Cyber Initiative Southwest Virginia

Akalin serves on the advisory board of CCI SWVA. This affiliation anchors UVA Wise in Virginia's statewide cybersecurity and technology research network and is the College's most visible tie to Commonwealth AI-adjacent research infrastructure.

<https://cyberinitiative-swva.org/about/advisory-boards/Gurkan-Akalin.html>

18.6 Events & Programming

CAFE's 2024-25 programming aggregate (16 workshops, 8 FLCs, 218 faculty engaged) is documented in aggregate, but AI-specific workshops are not itemized in the publicly available CAFE record. No standalone AI symposium, AI research day, or AI-tagged event series was documented in available sources as of the snapshot date.

Gaps and Observations

UVA Wise's standalone AI policy (Spring 2024) is notable precisely because it exists at the unit level. Among UVA's schools, only Data Science (October 2024), the School of Medicine MD Program (November 2023), and UVA Wise have produced formal school-level AI policies. The distributed authority arrangement at UVA Wise (CAFE-administered policy, syllabus-mandated AI rules, faculty discretion over course-level detail) mirrors the Charlottesville faculty-discretion model at smaller scale, but with the explicit syllabus-requirement backbone that Charlottesville's Faculty Handbook Section 3.3.14 stops short of mandating.

The Institute for Applied Data Analytics (Spring 2024) represents the clearest structural AI-adjacent investment at UVA Wise. Its positioning as a consultancy and research vehicle for regional businesses, combined with the planned Master's in Technology Management and Data Analytics, signals a pragmatic economic-development posture rather than a fundamental-research one. The distinction matters for cross-unit comparison: UVA Wise's AI work is framed through applied analytics, cybersecurity, and workforce development for Southwest Virginia, not through the basic-AI-research framing used by Charlottesville's SDS and Engineering.

CAFE's explicit caution about AI detection tools ("No AI checker is a smoking gun, and charges of plagiarism with AI are nearly impossible to prove") is the most forthright institutional statement on detection limitations documented at any UVA unit. CAFE continues to link to Winston AI and ZeroGPT as resources while simultaneously warning faculty against weaponizing their outputs. Whether individual Wise faculty use these tools in practice, and how detection results factor into honor proceedings, is not publicly documented.

The v1 dossier's conclusion that "no AI-specific faculty hires were documented" requires updating. Akalin's August 2023 hire and the Institute's Spring 2024 opening are AI-adjacent structural developments. He is not an AI researcher by primary training, but the Institute he directs is the functional center of AI-relevant activity at UVA Wise.

Cross-References

- **ITS & CIO (Unit 15):** IRM-002 applies to Wise; UVA Copilot access flows through central UVA ITS; DeepSeek and CapCut bans enforced.
- **Provost's Office & CTE (Unit 17):** UVA Wise operates its own CAFE; UVA Charlottesville's Provost FAQ is linked as a reference resource, not binding guidance. The Provost-level SCPS flagship Canvas course is available to UVA Wise faculty but not mandatory.
- **Part I, Section I (Governance Architecture):** UVA Wise sits outside the Charlottesville governance architecture but inside IRM-002 jurisdiction.
- **Part I, Section II (Policy Infrastructure):** UVA Wise's standalone AI policy is one of three school/unit-level AI policies at UVA; the others are SDS (October 2024) and SOM MD Program (November 2023).
- **Part I, Section V (Academic Integrity):** UVA Wise Honor System Constitution lacks explicit AI language; the Nursing Student Handbook provides an interpretive statement; CAFE's syllabus-AI-policy requirement is the operative integrity instrument.

Sources

UVA Wise CAFE Faculty Resources page — full AI Resources section, sample syllabus language, ethical writing handout, Teaching AI Literacy PowerPoint, Winston AI and ZeroGPT references, Director Emily Dotson contact
<https://www.uvawise.edu/academic-affairs/center-for-advancement-faculty-excellence/resources>

UVA Wise Policy on AI (Spring 2024) — Box-hosted standalone policy
<https://uvawise.box.com/s/nccouxi9docy2912wp561sfspdxv6z8n>

UVA Wise Sample AI Syllabus Language from Multiple Disciplines
<https://uvawise.box.com/s/0lro2m1knkiayhfqzvp06faerik0cgmvy>

UVA Wise Student Handout on Ethical Writing Including AI-Generative Text
<https://uvawise.box.com/s/g5v5cudzm3tr36ohj7yo78tmq75zhq1f>

UVA Wise Teaching AI Literacy PowerPoint for Faculty
<https://uvawise.box.com/s/uhv7x9osr86ou49wz9pm4nru2sybkmgh>

UVA Wise Questions to Ask About Suspicious Writing
<https://uvawise.box.com/s/ig5j6urlpy50rxniku18furap0efcjkf>

CAFE program overview — 2024-25 aggregate activity, Director Dotson
<https://www.uvawise.edu/academic-affairs/center-for-advancement-faculty-excellence>

UVA Policy IRM-002 — Acceptable Use of IT Resources, applies to Wise
<https://uvapolicy.virginia.edu/policy/IRM-002>

UVA Provost Guidance for Faculty and Students FAQ — linked by CAFE as beginner AI reference
<https://genai.provost.virginia.edu/guidance-for-faculty-students>

UVA Wise announcement — Akalin appointed Executive Director, Institute for Applied Data Analytics (September 2023)
<https://www.uvawise.edu/news/2023/09/uva-wise-announces-new-business-and-economics-chair-applied-data-analytics-institute>

Virginia Business feature — "A World of Opportunities" — Institute for Applied Data Analytics opening Spring 2024, new data analytics and AI coursework
<https://virginiabusiness.com/a-world-of-opportunities/>

UVA Wise news — September 2025 cybersecurity research award to Akalin and Zhou
<https://www.uvawise.edu/news/2025/09/uva-wise-receives-cybersecurity-research-award>

Commonwealth Cyber Initiative Southwest Virginia advisory board page — Akalin profile, Master's in Technology Management and Data Analytics reference
<https://cyberinitiative-swva.org/about/advisory-boards/Gurkan-Akalin.html>

Chancellor Henry's Top 10 Achievements retrospective — innovate2eleVAte (2019) and Apple Distinguished School designation (October 2021)
<https://www.uvawise.edu/news/2023/01/chancellor-henrys-top-10-achievements-past-decade>

Chancellor Donna Price Henry — Office of the Chancellor page
<https://www.uvawise.edu/chancellor>

Chancellor Henry biographical profile
<https://www.uvawise.edu/directory/donna-price-henry>

UVA Wise Mathematics and Computer Science department — only 4-year public ABET software engineering program in Virginia
<https://www.uvawise.edu/academics/departments/mathematics-computer-science>

UVA Wise Software Engineering major page
<https://www.uvawise.edu/academics/majors-minors/software-engineering>

UVA Wise Computer Science major page
<https://www.uvawise.edu/academics/majors-minors/computer-science>

UVA Wise CTE — All Courses catalog, including EDU C305 "Empowering Educators with AI Tools" (instructor Daniel Vanover)
<https://cte.uvawise.edu/courses>

19.

Unit 19. National Security Data and Policy Institute

KEY SIGNALS

NSDPI is the first-of-its-kind partnership between the Office of the Director of National Intelligence (ODNI) and a U.S. university, funded by a two-year, \$20 million ODNI contract announced in October 2024 and formally opened November 22, 2024, with DNI Avril Haines and Senator Mark Warner in attendance. The institute is UVA's sixth university-level institute under OVPR oversight and is explicitly designed to coalesce AI, data science, research computing, and public policy for application to national security problems, with tools intended to transition into classified environments. Executive Director Philip B. K. Potter, a Professor of Politics and Public Policy at Batten and founding director of Batten's National Security Policy Center (NSPC), runs NSDPI as a small institute (six initial full-time hires) that draws on dozens of existing UVA faculty and researchers, with the Biocomplexity Institute as its primary internal research subawardee on AI methodology. Published research output in the institute's first year is substantial and AI-dense: NSDPI white papers cover AI researcher-supply competition with China (Dec 2024), DeepSeek policy implications (Feb 2025), multimodal AI for time-series analysis (May 2025), a three-part microelectronics supply chain analysis using machine learning and network topology (Apr 2025, Jul 2025, Feb 2026), and an inaugural Data-to-Impact Challenge on AI data center infrastructure policy (launched Nov 2025 with SDS and LMI). NSDPI hosts its own AI-focused podcast, "Strength in Numbers," produced by Foreign Policy's FP Studios with host Jennifer Strong, and held its inaugural annual conference March 18–20, 2026, at the Boar's Head Resort with retired General Robert Neller, retired Vice Admiral Robert Sharp, and former Under Secretary of the Air Force Melissa Dalton among the keynote and panel speakers. The Institute's inaugural Policy Advisory Group (August 2025) is eleven members strong, drawn from AI automation, cybersecurity law, tech investment, defense industry, and academia, and includes Hunton Andrews Kurth's Lisa Sotto (former chair of DHS's Data Privacy and Integrity Advisory Committee) and CSIS senior advisor Suzanne Spaulding.

NSDPI brings together experts in data science, artificial intelligence, research computing, and public policy to address the country's most pressing national security challenges. The institute was announced in October 2024 via a joint ODNI–UVA partnership brokered by Haines and Warner, with the ribbon-cutting ceremony held in the Rotunda on November 22, 2024. It is a university-level research institute reporting within the Office of the Vice President for Research infrastructure, drawing its research workforce from Batten (via the NSPC), the School of Data Science, the Biocomplexity Institute, the School of Law, and other units. The institute operates in a geographic context that matters: Albemarle County secured 462 acres bordering Rivanna Station — home to DIA, NGA, and NGIC — and UVA's North Fork campus of technology firms and government agencies sits in the same area, positioning NSDPI within a concentrated national security innovation corridor.

19.1 Governance & Policy

Sponsor Relationship and Contract Structure

NSDPI operates under a two-year, \$20 million contract from ODNI signed in 2024. The partnership was announced by ODNI as a "first-of-its-kind" collaboration between the Intelligence Community and academia to advance the IC's use of emerging technologies for data collection, analysis, and management. The contract structure is competitive rather than renewed appropriation, which means the institute must produce deliverables suitable for ODNI's continuing evaluation. Potter has publicly emphasized that presidential transitions do not materially alter the institute's research priorities, and the institute continued its work program through the 2024–2025 transition from Haines's ODNI tenure to the subsequent Trump administration's national intelligence leadership.

Internal Governance Structure

NSDPI's internal governance sits within the OVPR's university-level institute framework. The Vice President for Research serves as the Deciding Official for research misconduct across all UVA research, including NSDPI work, under UVA policy RES-004 (see Unit 16). Research compliance, including Export Controls, Research Security, and the relevant IRB functions, flows through the OVPR compliance infrastructure. The institute has not published a separate AI-use policy; it operates under UVA's institution-wide Responsible Use Guidelines for generative AI, the OVPR's research integrity and AI reminder, and the UVA Research Misconduct Policy.

The Policy Advisory Group (PAG) constitutes the institute's external strategic governance layer. Established on August 5, 2025, the inaugural PAG consists of eleven members drawn from AI automation, cybersecurity, tech investment, governmental advisory, and academia. The PAG is convened at least twice a year to review the NSDPI Executive Director's report, receive updates on key programs, and engage in strategic discussion. The PAG's function is to align NSDPI activity with both UVA's goals and ODNI's requirements and to help frame the institute's research agenda. Andrew S. Peskin of Databricks Federal was added to the PAG after the initial launch, extending the group's AI-industry footprint.

Research Areas and Adversary Framing

NSDPI's public research framing is organized along three axes. Technologies covered include advanced computing, advanced materials, advanced microelectronics, AI and machine learning, next-generation energy, power, and storage, and quantum applications. Challenges covered include strategic competition, counter-narcotics, emerging technologies, illicit finance, massive data processing, and supply chain and industrial base resilience. Adversaries explicitly named in the institute's research framing are the People's Republic of China and the Islamic Republic of Iran. The PRC is the institute's dominant research subject; China-focused work spans AI researcher supply, DeepSeek capabilities, industrial policy for AI, power generation trends, microelectronics substitutability, and strategic mineral supply chains.

Export Controls and Classified Environments

The institute's published descriptions of its AI algorithm development note that tools are designed to "seamlessly transition into the sponsor's environment" and are "potentially adaptable for classified

applications." This means that while the bulk of NSDPI work is conducted with open-source and commercial data in unclassified settings, the research outputs are engineered for transition into restricted environments. Export controls administered by the UVA Office of Export Compliance under FIN-043 apply where dual-use or controlled content is involved. NSDPI has not published a separate classified-research policy, and its public work is substantial enough to suggest a deliberate unclassified research strategy with downstream classified implementation pathways.

Industry Consortium

The NSDPI Industry Consortium is the institute's paid industry partnership vehicle. Partners contribute an annual gift of at least \$50,000 and receive advanced briefings and drafts of NSDPI studies before public release, opportunities for collaborative white papers, talent pipeline access through internships and capstone projects, joint thought leadership, community-of-interest meetings, member-only invitations to roundtables and the annual National Security Policy Summit, and visibility on NSDPI materials with naming opportunities for flagship initiatives and student challenges. The consortium explicitly targets innovative technology companies, cybersecurity and AI firms, AI/ML and data infrastructure providers, cloud and data infrastructure providers, strategic consulting and policy advisory firms, dual-use technology innovation labs, and research accelerators. SIXGEN is one of the named industry consortium members, with a 2025–26 satellite cybersecurity research partnership involving twelve UVA student researchers.

19.2 People

Leadership

Philip B. K. Potter, Ph.D. — Executive Director of NSDPI; Professor of Politics and Public Policy at the Frank Batten School of Leadership and Public Policy; founding director of Batten's National Security Policy Center (NSPC); university expert for the Intelligence Community; senior advisor in the Department of Defense. Potter's decades of research cover U.S. foreign policy, military affairs, data analysis, and international security; he has published dozens of articles, policy papers, and government reports, and two books, including co-authored work with Chen Wang published by Cambridge University Press (December 2022) that contributed directly to the establishment of CIA Labs. Potter's vision for NSDPI, as stated publicly, is to "build collaborative networks of experts and practitioners across government, industry, and academia to address the country's most pressing national security challenges." Potter led the NSDPI proposal development, the November 2024 launch, and subsequent strategic expansion including the PAG, the annual conference, and the Strength in Numbers podcast.

Research Staff and Affiliates

Peter A. Beling, Ph.D. — Professor in the School of Data Science; NSDPI affiliate focused on generative AI research. His work centers on resilient, mission-aligned AI, with interests in cyber resilience and trusted systems. At the intersection of systems theory and AI, Beling studies large language models, reinforcement learning, and the co-design of algorithms and the systems in which they operate. His research supports mission engineering, test and evaluation, and predictive maintenance applications. Beling's appointment at UVA SDS is a 2025 return engagement: from 2021

to 2025 he served as Director of the Intelligent Systems Division at Virginia Tech's National Security Institute and professor in the Grado Department of Industrial and Systems Engineering, during which period he contributed to the Research Council of the DoD-funded Systems Engineering Research Center (SERC) UARC. From 1993 to 2021 he held multiple roles at UVA including Professor of Systems Engineering, director of the UVA site of the NSF I/UCRC Center for Visual and Decision Informatics, and director of the Adaptive Decision Systems Laboratory. He holds a Ph.D. in operations research from UC Berkeley, an M.S. in operations research from The George Washington University, and a B.S. in mathematics from UVA. Google Scholar citation count: 5,250+.

Nathan Timbs, Ph.D. — Postdoctoral research associate at NSDPI. Uses quantitative methods to study the intersection of conflict, climate, and human rights. His current research focuses on rebel groups' use of governance strategies to engage civilians, states, international organizations, and fellow armed actors in conflict environments. Timbs' open-source data research has been featured on the Strength in Numbers podcast in discussions of tracking illicit networks.

Damian Boldt, Ph.D. — Postdoctoral research associate at NSDPI. Research leverages quantitative methods to answer questions about how countries cultivate influence abroad during great power competition.

Uttam — PhD student in Computer Science advised by Biocomplexity Institute Executive Director Madhav Marathe and serving as an NSDPI research associate. Research interests include network science, large language models, and graph-based modeling of complex systems. Experience in AI systems, multi-agent architectures, machine learning, and cloud security. Holds an M.S. in Computer Science from Dartmouth and a B.S. in Computer Science and B.A. in Chinese Language and Literature from UVA.

Lukas Filler, Ph.D. — NSDPI Senior Fellow and China analyst. Primary topical focus is U.S.–China AI arms race dynamics, industrial policy competition, and PRC AI development trajectories. Featured on Strength in Numbers podcast with Dean Cheng (former Heritage Foundation) and in the NSDPI 2026 Annual Conference industrial policy panel with Potter and Wiley.

Margaret Foster — UVA data scientist and scholar whose work uses data and AI to identify and mitigate supply chain chokepoints. Featured on Strength in Numbers discussing microelectronics supply chain analysis.

Biocomplexity Institute Subaward Team

Under the NSDPI–BI subaward, three BI researchers lead the AI methodology work:

Madhav Marathe, Ph.D. — BI Executive Director; Distinguished Professor; lead investigator on the NSDPI subaward work on AI search algorithms, foundation models combining scientific literature with technical data, and generative AI tools for national security threat identification. (Full bio in Unit 13.)

Anil Vullikanti, Ph.D. — BI Professor; core researcher on the NSDPI subaward; focus on randomized algorithms, combinatorial optimization, machine learning, and AI.

Samarth Swarup, Ph.D. — Research Associate Professor at BI; lead public spokesperson on the NSDPI collaboration; quoted in the January 2025 launch announcement describing the collaboration as "an exciting opportunity to leverage AI and complex systems modeling for real-world national security applications."

Senior Advisors and Senior Fellows

Hon. George Foresman — Senior advisor on national security at NSDPI; Executive Director of the National Security Policy Center at Batten; first Under Secretary of Preparedness at the U.S. Department of Homeland Security. Also serves as a Senior Fellow at the National Defense University's Capstone, Keystone, and Pinnacle programs. Led the space panel at the NSDPI 2026 Annual Conference and has been featured on Strength in Numbers discussing DHS preparedness and current security challenges.

Ashley S. Deeks, J.D. — Vice Dean of the University of Virginia School of Law; Class of 1948 Professor of Scholarly Research in Law; faculty senior fellow at the Miller Center; senior fellow at the Lieber Institute for Law and Land Warfare; affiliated with NSDPI and featured on Strength in Numbers as an AI/national security law expert. Author of "The Double Black Box: National Security, Artificial Intelligence, and the Struggle for Democratic Accountability" — a book that identifies key challenges in overseeing government uses of AI for military and intelligence purposes. Member of the State Department's Advisory Committee on International Law; served as White House Associate Counsel and Deputy Legal Adviser to the National Security Council in 2021–22.

Neil Wiley — Former Chairman of the National Intelligence Council; U.S. intelligence officer; Strength in Numbers panelist at the 2026 Annual Conference discussing U.S.–China AI industrial policy competition.

Institute Staff

Per the November 2024 launch, NSDPI was authorized for six initial full-time staff positions including a Finance Director, Research Director, and Senior Researcher at launch, with additional researcher and communications positions in active search. The institute complements this core staff with dozens of existing UVA faculty and research affiliates.

Policy Advisory Group (Inaugural, August 2025)

The eleven-member inaugural PAG:

Michael Beckley — Founder and CTO of Appian (the enterprise AI automation company; not to be confused with the political scientist of similar name).

Jennifer Bisceglie — Founder and Executive Vice Chair of Interos.

Kelvin Droegemeier, Ph.D. — Professor and Special Advisor to the Chancellor for Science and Policy at the University of Illinois at Urbana-Champaign; former Director of the White House Office of Science and Technology Policy (2019–2021).

Mina Faltas — Founder and CEO of Washington Harbour Partners.

Paul Hobby — Founding and Managing Partner at Genesis Park.

Kim Lynch — Executive Vice President of Government Defense and Intelligence at Oracle.

Byron Marchant — Chairman of BFM Seaward.

Meghan Murray — Professor of Practice in Business Administration at UVA's Darden School of Business.

Chris Reichert — CEO and President of Hexagon US Federal.

Lisa J. Sotto — Partner at Hunton Andrews Kurth LLP; chaired the U.S. Department of Homeland Security's Data Privacy and Integrity Advisory Committee (2012–2025); named to the EU-U.S. Data Privacy Framework List of Arbitrators by the U.S. Department of Commerce and the European Commission (2024); co-founder of the Centre for Information Policy Leadership (2001); managing partner of Hunton's New York office and chair of its privacy and cybersecurity practice.

Suzanne Spaulding — Senior Advisor, Defense and Security Department, Center for Strategic and International Studies.

Andrew S. Peskin (added after the August 2025 inaugural announcement) — Head of Delivery and Engagement for National Security at Databricks Federal; previously Head of Professional Services for Federal Defense at Google Public Sector.

19.3 Teaching & Curriculum

NSDPI does not award degrees or offer courses directly. Teaching and curriculum contributions flow through two primary channels.

NSPC/NSDPI Summer Internship

The National Security Policy Center at Batten administers a summer internship program that places UVA undergraduate and graduate students on NSDPI-aligned research projects. The 2025 cohort conducted eight weeks of research on national security implications of emerging technologies and strategic competition with China. The first half of the summer was collaborative work on power generation, transmission, and storage trends in the U.S. and China since 1950, producing backgrounder memos, literature reviews, and annotated bibliographies. The second half of the summer was individual policy white papers on topics including helium-3 mining implications, maritime strategy in the South China Sea, China's strategic deployment of deep-sea mining, and the role of AI in disinformation and cognitive warfare. Interns briefed NSDPI staff directly and presented to a public audience of national security professionals on July 18, 2025. The 2026 cohort program (NSPC/NSDPI Summer 8-Week 2026 Internship) is open to all UVA undergraduate students.

Data-to-Impact (D2I) Challenge

On November 14, 2025, NSDPI co-launched the 2026 Data-to-Impact Challenge with the UVA School of Data Science and industry partner LMI. The challenge invites interdisciplinary UVA student teams to apply data science to the policy implications of data center expansion — covering energy systems, water resources, land use, and community impact. Teams worked from November 2025 through February 2026 to develop a curated data asset and a novel decision tool such as an interactive map or AI/ML model, delivering a reproducible analysis and an impact note specifying target

stakeholder, decision improved, key assumptions, and next steps. Final presentations took place in late February 2026. The D2I Challenge operationalizes NSDPI's framing of AI data center infrastructure as a national security and policy problem.

Experiential and Capstone Work

NSDPI's Industry Consortium structure explicitly includes capstone projects as a talent pipeline benefit for member companies. The SIXGEN partnership with twelve UVA student researchers developed white papers and research placemats on space system cybersecurity during the Fall 2025 semester. Batten's Applied Policy Project (APP) and Accelerated Master of Public Policy program provide continued engagement pathways for students who have completed the summer internship; the December 2025 NSDPI internship spotlight described students carrying NSDPI work through subsequent APP projects.

Batten "Innovating for Defense" Course Linkage

The NSPC's "Innovating for Defense" course at Batten is the closest credit-bearing curricular analogue to NSDPI's work. The course places students on DoD- and IC-sourced research problems; NSPC alumni commonly transition from I4D to external internships with entities such as the National Security Innovation Network (NSIN). The course predates NSDPI and remains administratively based at NSPC but is now part of NSDPI's talent pipeline infrastructure.

19.4 Tools & Technology

Computing Infrastructure

NSDPI does not publicly operate dedicated computing hardware. Its research workflow draws on UVA's high-performance computing clusters (Rivanna and Ivy) administered through UVA ITS in coordination with the OVPR (see Unit 15 and Unit 16). The Ivy secure enclave supports regulated and sensitive data workflows appropriate for some NSDPI research; Rivanna supports general-purpose AI and ML workloads. The institute's public materials explicitly state it "leverages UVA's HPC resources to achieve algorithmic breakthroughs and help policymakers make sense of vast troves of data."

Data Sources

NSDPI research uses predominantly open-source and commercial data. Published work has made use of UN Comtrade trade data (2017–2024), bibliometric data from top AI research venues, country-year material reserve/extraction/flow data, and publicly available policy and patent databases. The institute explicitly notes that algorithms developed on open-source and commercial data are engineered for seamless transition into the sponsor's environment with classified adaptations possible.

AI/ML Tools and Methodologies

NSDPI's published methodology work spans multiple AI/ML approaches. Microelectronics Supply Chain Analysis uses network analysis, machine learning, and qualitative analysis in combination; network fragmentation simulation; and mathematical deconstruction of trade networks to cluster trading partners. The AI Knowledge Supply Chain research used bibliometric methodology with a

top-15 venue filter. Multimodal AI for time-series analysis reviewed language model adaptations, time-series foundation models (TSFMs), AIOps applications, and multimodal prompt integration. The Biocomplexity subaward work develops reliable AI search algorithms integrated into generative AI tools for threat identification, including foundation models that combine scientific literature with material science data.

Research Workflow and Deliverable Formats

NSDPI publishes in four distinct deliverable formats: white paper, research flash, state of the science, and data visualization. Each published product carries a unique product number (e.g., 00003, 00006, 00010, 00012, 00018). The institute's research library includes at least 28 public products as of March 2026, with the earliest dated December 2024 and the most recent March 2, 2026.

19.5 Research & Scholarship

AI Knowledge Supply Chain (December 17, 2024)

The institute's inaugural research product (Product 00003) is a Research Flash titled "Artificial Intelligence Knowledge Supply Chain." NSDPI researchers constructed a novel bibliometric methodology to study country-level AI research competition, filtering for authors published in one of the fifteen top venues for AI research. Key findings: the supply of top AI researchers in the U.S. is in decline; the U.S. is training proportionally fewer researchers in-country; fewer researchers are staying in the United States after their training; and U.S. partners and allies lag China in researcher training, retention, and productivity. China has experienced a sharp increase in the number of researchers trained in-country and in the retention of those researchers. No other country among the top 36 for AI research has seen an increase in in-country training.

DeepSeek's Achievements and the Implications for Policy (February 21, 2025)

Product 00006 is a policy white paper assessing DeepSeek's technical achievements — the release of DeepSeek-V3 (671B parameters, 37B activated per token) and subsequent R1 models — and their implications for U.S. AI policy. The paper addresses DeepSeek's demonstrated ability to build powerful AI with fewer GPUs and more efficient training methods, raising questions about the effectiveness of U.S. trade restrictions on AI chips, the economics of AI model training, and strategic competition between U.S. and Chinese AI development paths. The paper is listed in the Strength in Numbers podcast's additional reading for the EU AI Act episode.

Microelectronics Supply Chain Analysis (Multi-Part Series)

NSDPI has produced a three-part microelectronics supply chain analysis using machine learning and network analysis. Product 00010 (April 15, 2025) established the methodological pipeline for ingesting country-year ground-truth data on material reserves, extraction, and flow for advanced microelectronics precursors. Product 00018 (July 15, 2025) is "Microelectronics Supply Chain Analysis: Lock-In and Substitutability." The February 2026 "Microelectronics Supply Chain Analysis: Vulnerability" paper applies the methodology to UN Comtrade trade data from 2017 to 2024, producing a rigorous ranking of countries whose removal from the world's microelectronics trading system would create the biggest shock; the paper also compares the asymmetric risk portfolios of the

United States and China, focusing on rare earth elements and key semiconductor materials. The "Critical Components" counterpart uses machine learning to analyze underlying trade flow structures and visualizes centralization, hierarchy, and network topology across global value flows for advanced microelectronics precursors. Network fragmentation simulation evaluates resilience if individual countries are removed from the system.

Tracking Advances in Multimodal AI for Time Series Analysis (May 6, 2025)

Product 00012 is a State-of-the-Science review characterizing recent applications of multimodal AI for time series analysis. The paper surveys time series foundation models (TSFMs), language model adaptations for time series tasks, multimodal integration approaches (including AIOps, synthetic data evaluation, and architectural modifications), and the gap between language-model reasoning and time series reasoning. Cited work includes Ansari et al., Goswami et al., Liu et al., Woo et al., Gruver et al., Jin et al., Tan et al., Cao et al., Cai et al., Merrill et al., Kong et al., and Harutyunyan et al. The review is explicitly positioned as enabling the national security research community to track relevant AI advances.

Biocomplexity Institute Collaboration on AI Foundation Models

BI's NSDPI subaward work is the institute's primary internal AI research collaboration. The BI team led by Marathe, Vullikanti, and Swarup is developing reliable AI search algorithms integrated into a generative AI tool capable of identifying and responding to national security threats. The foundation models being developed combine text-based scientific literature with technical material science data, going beyond traditional LLM limitations to generate novel insights. Specific applications include detection of illicit activity in financial networks and construction of technology dependency networks to assess global trade resilience with specific reference to U.S.–China relations. The integrated tools target machine learning, network science, and large language model combinations, with capabilities intended for open-source research deployment and classified environment adaptation.

Postdoctoral and Graduate Research Program

NSDPI operates a Postdoc and Graduate Research Program that assembles, manages, and supports researchers collaborating across the institute, SDS, and BI. Program associates conduct data analysis for ongoing NSDPI research, produce original projects and white papers, present at conferences, and train and mentor student researchers. Current documented program members include Timbs, Boldt, and Uttam.

NSPC Summer Research Products Feeding NSDPI

The 2025 NSPC Summer Internship produced multiple research products directly feeding NSDPI lines of work. The collaborative projects produced "The Future of Power Generation in the U.S. and China" (July 2025), comprehensive literature reviews, and annotated bibliographies. Individual white papers included topics such as helium-3 mining on the moon, maritime strategy in the South China Sea, and AI in disinformation and cognitive warfare. One student white paper, "China's Strategic Deployment of Deep-Sea Mining to Counter U.S. Defense Presence in Oceania," garnered external interest from Impossible Metals, a commercial seabed mining firm, leading to an invited virtual presentation on September 5, 2025.

SIXGEN Space System Cybersecurity Project

The Fall 2025 partnership with Industry Consortium member SIXGEN placed twelve UVA student researchers on satellite cybersecurity research. Teams of four produced white papers and research placemats on three topics: current landscape and best practices for vulnerability assessments in space-air-ground integrated networks; advanced threat monitoring to protect the ground segment of space systems; and the role of red-teaming in strengthening commercial satellite systems. SIXGEN experts met with the student teams throughout the semester.

Research Topic Scope (Published Taxonomy)

The NSDPI research library is organized along published taxonomies. Under Technologies: Advanced computing; Advanced materials; Advanced microelectronics; AI and machine learning; Next-gen energy, power, and storage; Quantum applications. Under Challenges: Competition; Counter narcotics; Emerging technologies; Illicit finance; Massive data; Supply chain and industrial base. Under Adversaries: Islamic Republic of Iran; People's Republic of China. Under product Types: Data visualization; Research flash; State of the science; White paper. At least 28 public products have been published through March 2026.

19.6 Events & Programming

Opening Ceremony (November 22, 2024)

The NSDPI ribbon-cutting was held at the Rotunda on November 22, 2024. Principal speakers: DNI Avril Haines, Senator Mark Warner (then Chair of the Senate Select Committee on Intelligence), UVA President Jim Ryan, and NSDPI Executive Director Philip Potter. Haines framed the partnership as a first-of-its-kind IC–academia collaboration on AI-driven data analysis. Warner emphasized the institute's role in advancing American intelligence-gathering capabilities. Ryan framed the institute's work within UVA's public service tradition and Jefferson's legacy, specifically citing AI and cybersecurity as next-generation public service domains.

NSDPI Annual Conference 2026 (March 18–20, 2026)

The inaugural NSDPI Annual Conference took place at the Boar's Head Resort in Charlottesville, running from a Wednesday evening welcome reception on March 18 through Friday noon on March 20. Attendance included military leaders, academic scholars, and industry innovators. More than twenty speakers delivered keynote addresses and cross-sector panel discussions on the theme of how data, algorithms, and supply chains increasingly define national power alongside conventional military capabilities.

Thursday morning keynote: **General (Ret.) Robert B. Neller**, 37th Commandant of the Marine Corps, framed the conference theme with the fundamental question "What is the problem we're trying to solve?" Friday morning keynote: **U.S. Navy Vice Admiral (Ret.) Robert D. Sharp**, former Director of the National Geospatial-Intelligence Agency.

Thursday panels covered data, AI, and competition themes. The industrial policy panel featured Potter, former National Intelligence Council Chairman Neil Wiley, and NSDPI Senior Fellow Lukas Filler on U.S.–China AI arms race dynamics.

Friday concurrent panels covered space and data. The space panel was led by Hon. George Foresman with panelists Jack Wilmer (CEO of SIXGEN), Chirag Parikh (founder and president of Indutara Space LLC), and Hon. Melissa Dalton (28th Under Secretary of the Air Force, defense and security strategist).

Student research was featured through a Thursday poster session for graduate and undergraduate participants from the NSDPI's 2025 summer internship cohort. Topics included helium-3 mining, maritime strategy in the South China Sea, and AI in disinformation and cognitive warfare.

Strength in Numbers Podcast

NSDPI's flagship podcast is "Strength in Numbers," produced by Foreign Policy's FP Studios. The host is **Jennifer Strong**, an award-winning AI journalist with more than thirty award nominations, creator of podcasts including SHIFT (PRX), In Machines We Trust (MIT Technology Review), The Future of Everything (Wall Street Journal), and a radio documentary for NPR stations called "The Race to Superintelligence." Strong is a Harvard Berkman Klein Center fellow and a 2023 AI Accountability Fellow with the Pulitzer Center.

The podcast's editorial scope is AI, emerging technology, and national security. Episodes have covered: the U.S.–China AI arms race (with Dean Cheng and Lukas Filler); the EU AI Act (with lead architect Gabriele Mazzini, with UVA Law Vice Dean Ashley Deeks on AI in defense and guardrails); future security challenges and DHS preparedness (with George Foresman); the Salt Typhoon cyberattack (with former Deputy National Security Advisor Anne Neuberger); open-source data and illicit networks (with NSDPI research associate Nathan Timbs); critical mineral supply chains (with Altana CEO Evan Smith and UVA data scientist Margaret Foster); and the live "Strength in Numbers Live: Industrial Policy and the AI Arms Race" recording from the March 2026 Annual Conference (Potter, Wiley, Filler).

Production team: Rosie Julin (lead producer), Rob Sachs (VP Audio), Shreya Srinivasan (additional assistance). Season one concluded with the April 2026 live industrial policy episode.

Breaking Defense Interview

Breaking Defense interviewed Potter on "The Future of AI Competition" — documented on the NSDPI website as a named external appearance alongside the Strength in Numbers podcast.

Intelligence Studies Consortium Spring 2026 Symposium (March 24–25, 2026)

NSDPI co-hosted or co-sponsored the Intelligence Studies Consortium Spring 2026 Symposium at Georgetown University's School of Continuing Studies, held in the week following the NSDPI Annual Conference.

National Security Policy Summit

The NSDPI Industry Consortium structure references an "annual National Security Policy Summit" as a member benefit, positioning the Annual Conference as the external-facing flagship and the Policy Summit as a consortium-internal convening. Details on the Policy Summit's cadence and public visibility are not publicly documented beyond this consortium framing.

NSPC-Administered Events

NSPC-administered events feeding NSDPI engagement include the weekly NSPC Innovating for Defense course public showcase, NSPC alumni panels, and summer intern presentations to public audiences. The July 18, 2025 intern presentation drew a packed audience of academic, industry, and government national security professionals.

Gaps and Observations

NSDPI's structure is deliberately asymmetric: a small institute (six initial full-time staff) sitting atop substantial existing UVA research capacity. The institute's effective research workforce is the combination of its direct hires, its postdoctoral and graduate program, its BI subaward team, its NSPC-administered student interns, and its affiliated faculty across Batten, SDS, BI, and Law. The model is closer to a research convening-and-coordination function than to a traditional research center with its own faculty lines. This structure allows the institute to scale its topical coverage rapidly but makes the institute's identity dependent on continued relationships with the constituent units and on the sustained attention of affiliated faculty.

The published research output in the institute's first year is substantial — 28+ products through March 2026, spanning research flashes, white papers, state-of-the-science reviews, and data visualizations. The institute's published AI-specific research concentrates on three durable themes: AI research competition between the U.S. and China (Knowledge Supply Chain, DeepSeek); methodological review of AI capabilities (Multimodal AI for Time Series); and supply chain analysis for AI-enabling inputs (Microelectronics Supply Chain, multiple parts). The output is frequent and quickly released, which is unusual for a research institute in its first eighteen months of operation and reflects the contract-driven cadence expected by ODNI.

The dual-use nature of NSDPI's output is explicit and deliberately unclassified-facing. Tools are engineered for transition into classified environments, but public work is done on open-source and commercial data. The upstream implication is that NSDPI public research functions as both substantive policy contribution and methodological R&D for downstream classified implementations. The downstream implication is that the institute's public research visibility understates its full scope of activity, and that research productivity measured through conventional academic publication metrics will systematically underreport the institute's classified-environment impact.

The Policy Advisory Group composition is industry-heavy (Appian, Oracle, Hexagon, Databricks, Interos, Washington Harbour Partners, Genesis Park, BFM Seaward, Hunton Andrews Kurth) with two academics (Kelvin Droegemeier of Illinois and Meghan Murray of UVA Darden) and one CSIS think-tank senior advisor (Suzanne Spaulding). The governance structure places significant weight on industry and government-practitioner voices relative to academic voices. This is consistent with a contract-research institute whose research agenda is externally driven, but it contrasts with the academic governance pattern of UVA's older institutes.

The political visibility of the November 2024 opening (DNI, U.S. Senator, University President at the Rotunda) is unusual for a university research institute launch and was deliberately high-profile. Potter's public statements around the 2024 presidential transition emphasized continuity of operations

regardless of which administration holds the ODNI portfolio, and the institute has continued its published research cadence through the transition.

No public NSDPI-specific AI policy exists. The institute inherits UVA's Responsible Use Guidelines, the OVPR Research Integrity and AI reminder, UVA's Research Misconduct Policy (RES-004), Export Controls (FIN-043), and research security frameworks. Whether the institute maintains internal protocols for handling dual-use research, classified work, or AI tool use in research workflows is not publicly documented. The absence of a dedicated published AI-use policy for NSDPI is consistent with the institute's positioning as an applied research vehicle operating within existing UVA governance infrastructure, but it also means that NSDPI-specific guardrails are not auditable against public standards.

The institute's geographic context — proximity to Rivanna Station (DIA, NGA, NGIC) and the UVA North Fork campus — is a notable but publicly underdeveloped dimension of NSDPI's strategic positioning. Potter's initial launch remarks highlighted the regional cluster, but public documentation of joint projects, co-location, or shared facilities with neighboring IC installations remains limited. This may simply be classified, or it may be a strategic asset not yet fully operationalized.

The institute's contract is structured as a two-year agreement. Public documentation of renewal or follow-on contract structure is not available as of the April 23, 2026 snapshot date.

Cross-References

- **Office of the Vice President for Research (Unit 16):** NSDPI is one of six pan-university institutes under OVPR oversight; inherits OVPR research integrity, compliance, and export controls infrastructure; VP for Research is the Deciding Official under RES-004.
- **Biocomplexity Institute (Unit 13):** Primary internal research subawardee on NSDPI AI methodology work (AI search algorithms, foundation models, technology dependency networks); Marathe, Vullikanti, and Swarup lead the BI team; the BI–NSDPI relationship anchors the institute's technical AI research capacity.
- **Batten School (Unit 10):** Potter's home department; Batten houses the National Security Policy Center (NSPC) whose summer internship program feeds NSDPI research; "Innovating for Defense" course is a NSPC curricular feeder; Hon. George Foresman is NSPC Executive Director and NSDPI Senior Advisor; APP and Accelerated MPP program students carry NSDPI work into second-year thesis projects.
- **School of Data Science (Unit 03):** Peter Beling is SDS faculty with primary NSDPI research affiliation; SDS co-sponsors the 2026 Data-to-Impact Challenge with NSDPI and LMI; Jeffrey Blume (Interim Dean); Phil Bourne (founding Dean) quoted on cross-Grounds data science posture.
- **School of Law (Unit 06):** Vice Dean Ashley Deeks is an affiliated senior fellow; her book "The Double Black Box" on AI and national security accountability is the primary UVA Law contribution to AI national security literature; Deeks is a Strength in Numbers podcast guest on AI in defense.

- **School of Engineering (Unit 02):** Computer Science, ECE, and Systems Engineering faculty contribute through Biocomplexity and direct research affiliations; Uttam is a CS PhD student advised by Marathe on NSDPI work.
- **Darden (Unit 04):** Meghan Murray is an inaugural PAG member.
- **Strategic Investment Fund references:** No direct SIF investment in NSDPI is publicly documented; the institute is contract-funded rather than SIF-funded.
- **Part I, Section I (Institutional AI Governance Architecture):** NSDPI is one of the four publicly named AI-adjacent pan-University initiatives alongside AI Research@UVA, LaCross Institute for Ethical AI in Business, and the Digital Technology for Democracy Lab.
- **Part I, Section VI (Research Governance & Ethics):** NSDPI operates under OVPR research integrity guidance including the AI-specific reminder; export controls and research security extend to classified-environment-adaptable AI work.
- **Part I, Section VIII (Infrastructure & Strategic Investment Signals):** The \$20M ODNI contract is a major federal AI-adjacent research investment at UVA, distinct in structure from SIF-funded institute investments because it is contract-based rather than endowment-based.
- **Part I, Section IX (Public Statements & Executive Signaling):** Ryan's AI and cybersecurity framing at the November 2024 opening ceremony; Potter's public continuity-through-transitions statements; the Rotunda ribbon-cutting with DNI and Senate Intelligence Committee Chair present is one of the most politically visible UVA research institute launch events on record.

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<https://news.virginia.edu/content/uva-launch-institute-focused-national-security>

ODNI press release on NSDPI establishment — first-of-its-kind IC–academia partnership; Haines quoted on emerging technologies; November 2024

<https://www.dni.gov/index.php/newsroom/press-releases/press-releases-2024/4000-odni-pr-23>

Potter to Lead New National Security Data and Policy Institute (Batten) — Potter appointment details; NSPC founding director; research capabilities framing

<https://batten.virginia.edu/about/news/potter-lead-new-national-security-data-and-policy-institute>

U.Va. launches National Security Data and Policy Institute (Cavalier Daily) — ribbon-cutting coverage; Ryan, Warner, Haines speakers; six initial full-time staff; Finance Director, Research Director, Senior Researcher already hired at launch; dozens of existing faculty contributors

<https://www.cavalierdaily.com/article/2024/11/uva-launches-national-security-data-and-policy-institute>

UVA Launches New Institute in Collaboration with the Director of National Intelligence (C-VILLE) — \$20M two-year contract structure; predictive model framing; Potter's continuity-through-transitions statement on the Trump administration

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NSDPI institute home page — mission, research focus (AI hardware materials, supply chain vulnerabilities, HPC, quantum, LLMs/VLMs/TSLMs, adversaries)

<https://nationalsecurity.virginia.edu/>

Philip B.K. Potter NSDPI profile page — Executive Director; Batten Professor of public policy; NSPC founding director; IC university expert; DoD senior advisor; two books

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Philip B.K. Potter NSPC profile page — NSDPI launch 2024; collaborative networks mission

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<https://nationalsecurity.virginia.edu/about-us/team/peter-beling>

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School of Data Science welcomes nine new faculty in 2025 — confirms Beling 2025 SDS appointment; NSDPI focus

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<https://nationalsecurity.virginia.edu/news/inaugural-policy-advisory-group-launched>

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<https://nationalsecurity.virginia.edu/news/welcoming-andrew-s-peskin>

NSDPI Our Team page — leadership, staff, researchers, affiliated faculty, PAG, Senior Fellows index

<https://nationalsecurity.virginia.edu/our-team>

NSDPI Postdoc and Graduate Research Program page — Nathan Timbs (postdoc, conflict/climate/human rights); Damian Boldt (postdoc, great power competition); Uttam (CS PhD advised by Marathe, NSDPI research associate); program structure

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<https://nationalsecurity.virginia.edu/industry-consortium>

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NSPC Launches Summer 2025 Internship — AI/ML Great Power Competition research scope; intern profiles

<https://nspcbatten.org/2025/06/10/nspc-summer-2025-internship-launches/>

NSPC 2025 Interns Publish Work and Present to Industry Professionals — Lucia deep-sea mining white paper Impossible Metals invitation; Fogler and Koussih recognition; September 5, 2025 presentation

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The Future of Power Generation in the U.S. and China — July 2025 NSPC–NSDPI collaborative intern research product

<https://nspcbatten.org/power-generation-in-the-u-s-and-china/>

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NSPC Research page — intern research including NSDPI-feeding products; CIA Labs establishment contribution from Potter & Wang 2022 Cambridge University Press book

<https://nspcbatten.org/research/>

NSDPI Annual Conference 2026 official event page — March 18–20, 2026; Boar's Head Resort; two-day agenda; strategic advantage theme; scholars, policymakers, industry, students participants

<https://nationalsecurity.virginia.edu/events/nsdpi-annual-conference-2026>

NSDPI Hosts Inaugural Conference on Data, Technology, and Competition — conference recap; Neller Thursday keynote; Sharp Friday keynote; Wilmer, Parikh, Dalton space panel; industrial policy panel with Potter, Wiley, Filler; intern poster session topics including AI in disinformation and cognitive warfare

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Jennifer Strong profile (WYSTC) — AI journalism credentials; SHIFT podcast; The Race to Superintelligence NPR documentary; Harvard Berkman Klein Center fellow; Pulitzer Center AI Accountability Fellow

<https://www.wystc.org/programme/speakers-and-moderators/jennifer-strong/>

NSDPI Co-Launches the 2026 Data-to-Impact Challenge — November 14, 2025 D2I launch with SDS and LMI; data center infrastructure theme; November 2025–February 2026 timeline; decision-ready artifact deliverable structure

<https://nationalsecurity.virginia.edu/news/nsdpi-co-launches-2026-data-impact-challenge>

UVA Student Research Teams Partner with SIXGEN — twelve UVA student researchers on satellite cybersecurity; three research topic areas; Fall 2025 SIXGEN collaboration

<https://nationalsecurity.virginia.edu/news/uva-student-research-teams-partner-sixgen-secure-future-space-systems>

Ashley Deeks UVA Law profile — Vice Dean; Class of 1948 Professor of Scholarly Research in Law; "The Double Black Box" AI and national security book; prior National Security Council deputy legal adviser

<https://www.law.virginia.edu/faculty/profile/ad5jt/2378410>

Ashley Deeks Miller Center profile — senior fellow; book summary: key challenges overseeing government AI use for military and intelligence purposes

<https://millercenter.org/experts/ashley-deeks>

Hon. George Foresman NDU Capstone profile — NSDPI senior advisor; first DHS Under Secretary of Preparedness; NDU Capstone/Keystone/Pinnacle senior fellow

<https://capstone.ndu.edu/Senior-Fellows/Article-View/Article/566522/foresman-george/>

Rafa del Rosario internship spotlight (Batten admissions blog) — NSDPI–NSPC distinction; Fall 2025 NSPC–NSDPI continuation via space system cybersecurity research project; Indo-Pacific APP tie-in; describes both organizations as "UVA's national security research hubs"

<https://batten.virginia.edu/admissions-aid/admissions-blog/classroom-summer-internship-internship-spotlight-rafa-del-rosario>

Evidence Inventory cross-reference — Biocomplexity subaward PI team: Marathe, Vullikanti, Swarup; NSDPI founding date; DNI and Warner as ribbon-cutting attendees [Internal project document; URL not applicable]