Chief Executive Officer (July 2025 – present)
National Center for Advanced Academic Technology (NCAAT)

Executive leadership for national organization supporting colleges and universities with advanced academic technology (e.g., artificial intelligence, data integration, technical training, education-to-workforce initiatives) in alignment with institutional mission and goals.

Emerging Technology Fellow (July 2024 – Nov 2025)
U.S. Census Bureau, xD (Office of the Deputy Director, PCO, Decennial)
Public Trust Clearance, Special Sworn Status

Reported directly to Chief Innovation Officer & Bureau AI Lead (Innovation Strategy Office)

Senior IT Specialist leading innovation and modernization initiatives with cross-functional/multi-agency partners to implement emerging technology and support modernization of existing Census systems

- Directed AI strategic planning, AI product management, and technical implementation for Generative AI project to expand access to Census policy documents and improve the query response timeline
  - Designed initial solution using Amazon Bedrock, but project was headed towards implementing GSAi and potential pilot to utilize GovArena (AI evaluation tool developed by CAISI)
- Directed team of software engineering, data science, data engineering, data privacy, and health data subject matter experts for complex, multi-agency collaboration to evaluate the feasibility of SQL-based secure multi-party computation (SMPC) software as a secure, private solution to expand health research utilizing electronic health records (EHRs) & Title 13 (protected) federal data
  - Wrote technical specifications and built synthetic dataset replicating American Communities Survey (ACS) data
  - Translated complex technical concepts into actionable information for non-technical stakeholders, such as medical doctors, academic health researchers, and statisticians
- NIST Genomics Privacy-Preserving Federated Learning (PPFL) Red-teaming Event
  - Initiated project to explore "vibe hacking" of private datasets with multi-agency team of software and privacy engineers
- NIST Privacy-Preserving Record Linkage (PPRL) Project
  - Multi-agency development team with software/privacy engineers, cryptography experts and academic partners
- Federal AI Workforce working group (MITRE/NSF)- served as subject matter expert to identify new AI-centered roles and relevant skillsets for the future federal workforce in the era of AI advancement

Vice President, Data Science & Analytics (March 2020 – October 2024)
Northwest Commission on Colleges and Universities, Redmond, WA
Consultant (September 2019 – February 2020)

Reported directly to NWCCU president; presented bi-annually and ad-hoc to the Board of Commissioners and the Council of Regional Accrediting Commissions (C-RAC)

Directed the overall planning, management, and direction for decision support systems, including developing first Data Strategic Plan and Data Infrastructure Plan based on a comprehensive data capacity assessment; designed and launched Institutional Data Capacity Survey; managed technical vendor relationships and IT/data procurement

- Chief Data Officer: Directed $6.31M across 3 high impact grants ○ Directed multi-stakeholder initiatives focused on national data systems and improving higher education outcomes through data/AI capacity building - onboarded 275+ institutions across 18 US states (2M+ students) to a national, student-level data system (Postsecondary Data Partnership)
  - Designed, built, tested, and deployed a cloud-based MS SQL Server database for data integration across multiple national postsecondary education datasets (e.g., IPEDS, College Scorecard, NACIQI data); launched interactive dashboards (Tableau) to support risk-based accreditation; performed data analyses and reports; drafted data policies; hired, contracted, and directed teams of data science interns (graduate and undergraduate) for ad hoc data projects

- Chair, AI in Higher Education Advisory Board; directed national consortium for guidance on AI
    - Convened panel of experts to identify priorities for AI use within postsecondary institutions
    - Established and led a consortium of leading national HigherEd organizations to issue guidance on AI

Senior Partnerships and Grants Manager (Nov 2022 – Nov 2023)
Core Team Member (Feb 2019 – Oct 2022)
OpenMined
- Member of Core Team, Adoption Strategy Team, & Partnerships teams at tech startup building AI governance infrastructure

Dean, Institutional Effectiveness and Accreditation (December 2017 – February 2020)
Accreditation Liaison Officer (ALO)
Chemeketa Community College, Salem, Oregon
- Directed academic operations (5 campuses, 3 counties & 7 district zones), reported directly to Vice President, Academic Affairs/Campus President, YVC; monthly Board meetings, bi-annual update on accreditation to Board of Education, liaison to Oregon Higher Education Coordinating Commission

Assistant Dean, Strategic Initiatives & Quality Advancement (June 2014 – July 2017)
Clinical Assistant Professor, BioBehavioral Health Science Division
University of Arizona, Health Sciences, Tucson, Arizona
- Directed strategic initiatives (commercialization of academic research) & public-private partnerships
- Directed Office of Academic Practice- managed clinical faculty contracts & clinical placements including the Graduate Nurse Education (GNE) Demonstration project with funding from Centers for Medicare & Medicaid Services (CMS): $21,841,700
- Interim Director, Office of Learning & Healthcare Technology Innovations (LHTI); directed IT unit

NATIONAL COMMITTEES

Mathematica: Advisory Board, Education to Workforce Indicator Framework
NIST Generative AI Public Working Group: AI governance, content provenance
U.S. PET Lab (NIST) & UN Big Data- PETs Task Team (editor)
U.S. AI Safety Institute (NIST), now CAISI: Risk Management for Generative AI WG, Red Teaming WG

EDUCATION

Harvard Strategic Data Project, Fellow (2022)
Harvard Kennedy School, Strategic Management of Regulatory and Enforcement Agencies (2020)
Doctor of Behavioral Health
Arizona State University, College of Health Solutions
Master of Science, Health Economics, Policy, & Management
London School of Economics and Political Science, LSE Health
Master of Counseling, Clinical Mental Health
Arizona State University, College of Health Solutions
Master of Education, Educational Technology
Northern Arizona University, College of Education
Bachelor of Science, Management; **Bachelor of Science**, Computer Information Systems
Arizona State University, W.P. Carey School of Business

PROFESSIONAL TRAINING

2024 AI Training Series for Government Employees, *Stanford University, Institute for Human-Centered AI (HAI)*
ARIA (Assessing Risks and Impacts of AI) (2024), *NIST AI Innovation Lab*
AI Governance Professional (AIGP) (2024), *International Association of Privacy Professionals (IAPP)*