



Curriculum Vita January 2026

Instructor: Amy Hays, Instructor

Academic Department: Computer Science and Information Systems

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EDUCATION

Computer Science, Doctor of Philosophy
Texas A&M University, 2027

Educational Psychology
East Texas A&M University, 2023

Computer Science, Master of Science
East Texas A&M University, 2021

Plant Physiology
Cornell University, 1997

Botany, Bachelor of Science
International Agricultural Development, Bachelor of Science
University of California, Davis, 1995

TEACHING EXPERIENCE

08/2023 - Present, Instructor, East Texas A&M University at the RELLIS Academic Alliance

01/2022 - Present, Instructor, East Texas A&M University

08/1995 - 05/1997, Teaching Assistant, Cornell University

PUBLICATIONS

Rodriquez, S., Johnson, T., Hays, A., & Suh, S. (2025, June). *Year 1–2: Investigating a computing S-STEM program and computing identity for students with financial need*. Paper presented at the 2025 American Society for Engineering Education Annual Meeting, Montreal, Canada. <https://doi.org/10.18260/1-2--55857>

Plager, A., Olexa, E., Gardner, D., Torres, B., Hays, A., & Farraj, A. (2025). A study of SCADA system vulnerabilities and man-in-the-middle threats in substation operations. In *2025 IEEE Texas Power and Energy Conference (TPEC)* (pp. 1–5). IEEE. <https://doi.org/10.1109/TPEC63981.2025.10907190>

Crum, J., Spencer, C., Doherty, E., Richardson, E., Sherman, S., Hays, A. W., Saxena, N., Niemeyer, R., Anderson, A. P., Čeko, M., & Hirshfield, L. (2024). Misinformation research needs ecological validity. *Nature Human Behaviour*, 8, 1–4.

<https://doi.org/10.1038/s41562-024-02015-2>

Hays, A. W. (2021). *Methods of neural network analysis to identify weapons in augmented reality* (Publication No. 28650877) [Doctoral dissertation, Texas A&M University–Commerce].

<https://search.proquest.com/openview/70042f30d00899d54a07cd0710283d26>

RESEARCH GRANTS AND AWARDS

2025, IEEE-Eta Kappa Nu (HKN), Electrical and Computer Engineering Honor Society, Gamma Mu Chapter at Texas A&M University, Amount Awarded: N/A (honor/induction).

2025, Alumni Ambassador, Computer, Science and Information Systems, East Texas A&M University, Amount Awarded: N/A (honor).

2024, Cross-Border Threat Screening and Supply Chain Defense (CBTS) Cybersecurity Summer Research Institute – Faculty Mentor, U.S. Department of Homeland Security under Grant Award Number 18STCBT00001, Amount Awarded: [not included].

2023–2025, Air Force Office of Scientific Research (AFOSR) Multi University Research Initiative (MURI) – Doctoral Researcher for Nitesh Saxena (Co-Principal Investigator) for multi-institution consortia with the University of Colorado Boulder and the Air Force Academy (AFA) under Award Number FA9550-23-1-0453, Amount Awarded: [not included].

2023–2024, TEES Annual Research Conference (TARC) Project Award – “Zero Trust Access Control Using Post-Quantum Cryptography,” Co-Principal Investigator, Amount Awarded: \$2,500.00.

2022–2027, National Science Foundation (NSF) S-STEM Computer Science as a Career Scholarship (CSAC) Program – Program Manager with Dr. Sang Suh (Principal Investigator) for multi-institution consortia with Collin College, Dallas College, Iowa State University, and Virginia Tech, Grant No. 2221189, Amount Awarded: \$4.98M.

2020-2025, Phi Kappa Phi Honor Society, East Texas A&M University and Texas A&M University, Amount Awarded: N/A (honor/induction).