



UNC GREENSBORO

Department of Computer Science

Department of Computer Science Colloquium Series



Collin Lynch, Ph.D.

Associate Professor at NC State University

Date: Tuesday, Oct 27, 2026

Time: 2 – 3 pm

Location: Petty 313

Title:

Centering Humans in AI for Education and Society

Abstract:

As AI has expanded we face an urgent questions about how we can build effective human-centered AI. How can we build adaptive models that understand human conceptual behaviors, processes, and long-term learning outcomes? How can we build intelligent systems that can scaffold good learning and problem-solving processes to yield long-term outcomes, and how can we effectively support but not supplant or degrade expert judgment? And finally, having built these systems how do we address the social obligations that they impose upon us? How can we design tools to safeguard user privacy? How can we ensure that they maintain standards of fairness, reliability, and even conversational safety? And ultimately how can we address the wider social impacts of AI as a service? In this talk I will illustrate how these questions arise in my own research on educational data mining, software engineering, and tutoring along with still open areas for future work.

Biography:

Dr. Collin F. Lynch is an associate professor of Computer Science at North Carolina State University where he directs the undergraduate AI concentration. Dr. Lynch is an internationally-recognized expert on process mining from rich user-system interaction data and data-driven Intelligent Learning Environments (ILEs). His research is focused on the application of educational data mining and intelligent learning environments for ill-defined domains such as scientific writing, coding, and the law.