

Name of Submitter: Richard Lamb

Submitter Email: lamb19@ecu.edu

Applications of Artificial Intelligence, Machine Learning and Digital Technologies to the Practices of Teaching and Learning

This session examines applications of technology, artificial intelligence (AI) and machine learning (ML) to drive adaption in teaching and learning. The session will identify how to integrate these tools by examining in-learning, process data collected via assessment and to advance data collection during research opportunities. The session also identifies and addresses the importance of DEI, bias, data ethics, privacy and fairness for the education community as we work to understand AI and ML. The session will promote discussion and provide specific examples of the utility of these tools as we will begin to integrate AI into practices, student learning and DEI concerns.

Presentation Target:

Elementary School

Presenter(s):

1. Richard Lamb, Professor, East Carolina University
2. Tosha Owens, Associate Professor, East Carolina University
3. Ikseon Choi, Professor, East Carolina University