

HANDS-ON, MINDS-ON INSTRUCTIONAL PRACTICES

Name of Submitter: Anthony Bowser

Submitter Email: albowser@ncsu.edu

Presentation Title: ***Making AI Real: Transforming Teacher Learning Through Project-Based, Inquiry-Driven Experiences with Affordable Classroom-Based Computing Devices***

Teachers develop hands-on pedagogy skills using a classroom-friendly and affordable computing system and hardware sensor devices. The session teaches how STEM professionals design AI applications and use hardware and sensors to accomplish human-like intelligence and decision-making goals. Lesson plans are provided.

Presentation Target:

Middle School & High School

Presenter(s):

1. Anthony Bowser, Project Coordinator, NC MSEN Pre-College Program, North Carolina State University
2. Donald McCoy, K-18 STEM Education Consultant, North Carolina State University