

## STEM FOR ALL

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### **Centering Justice in the Science Classroom: A Phenomenon-Based Approach**

Advocates for equity in science education encourage teachers to shift from approaches that emphasize access and identity to those that center justice (Lee et al., 2022). During this interactive workshop, participants will investigate a mysterious epidemic through two curricular models that support justice-oriented, phenomenon-based science instruction: an interrupted case study and an NGSS-aligned storyline unit. As we learn about pellagra, and the scientific investigations that revealed both its cause and disparate impacts, participants will 1) experience phenomenon-based curriculum and instruction, and 2) consider how they might center justice in their own unique contexts.

### **Presentation Target:**

High School

### **Presenter(s):**

1. Lenora Crabtree, Instruction, Cato College of Education, UNCC
2. Janna Sherman, Teacher, Lincoln Charter School, Lincolnton, NC