

# Food Safety Seminar Series

## FALL 2024



**Edward Dudley, PhD**

Professor of Food Science

Director of the *E. coli* Reference Center

The Pennsylvania State University

### **Wastewater surveillance for foodborne pathogens, either a pipe dream or emerging application**

Penn State undergrad (Microbiology), Wisconsin M.S. (Food Science), Wisconsin Ph.D (Bacteriology), Jim Steele major advisor, working on the genetics and biochemistry of cheese flavor production by lactic acid bacteria. Postdoc in infectious diseases at the University of Maryland Baltimore, studying genetic regulation of virulence genes in enteroaggregative *E. coli*, Jim Nataro's lab. Been at Penn State since 2007, lab focuses on the application of genomics to detection, subtyping, and tracking of foodborne pathogens. Also Director of the Penn State *E. coli* Reference Center since 2017. This is a 57-year-old collection of >85,000 isolates that we supply to external clients and build into research projects.

Wednesday, November 6 at **12:00 pm (CDT)**

<https://unl.zoom.us/j/91887770447>

Meeting ID: 918 8777 0447



**DEPARTMENT OF  
FOOD SCIENCE AND TECHNOLOGY**