

# AGRONOMY SEMINAR SERIES

## FALL 2025

**NOVEMBER 24, 2025**

2:30 P.M.

LILY 2-425

Attend virtually via Zoom

Seminar links will be posted at: [purdue.ag/agryseminars](https://purdue.ag/agryseminars)



"Dr. Maxwell Leung is an Assistant Professor in the School of Mathematical and Natural Sciences at Arizona State University. His research applies a One Health approach to investigate the human, animal, and environmental impacts of cannabis and hemp production and use. With expertise in molecular toxicology, data visualization, systems biology, and risk assessment, Dr. Leung explores critical issues such as contaminants in medical cannabis and the role of hemp in environmental remediation. He earned a B.Sc. from the University of Hong Kong, M.Sc. from the University of Guelph, and Ph.D. in Environmental Toxicology from Duke University, followed by a postdoctoral fellowship at the U.S. Environmental Protection Agency."

### **DR. MAXWELL LEUNG**

ASSISTANT PROFESSOR (PHARMACOLOGY AND TOXICOLOGY)  
ARIZONA STATE UNIVERSITY

HOST: DR. YICHAO RUI

### **"Cannabis sativa, the Environment, and Your Health: A One Health Perspective"**

"Dr. Maxwell Leung is a toxicologist and the director of the Laboratory of Cannabis sativa and One Health, one of the two DEA Schedule 1 research laboratories at Arizona State University (ASU). In this talk, Dr. Leung will explore the complex interplay between cannabis production, regulatory policies, environmental sustainability, and public health. He will talk about pesticide regulatory policy in legalized cannabis in the U.S. and contaminant risks to vulnerable populations. He will also talk about an emerging class of cannabis and hemp contaminants - *Fusarium* spp. and mycotoxins, as well as novel uses of hemp for toxic element remediation, microgreens, and animal supplements."



Agronomy