

THE DEPT OF FORESTRY & NATURAL RESOURCES PRESENTS

SPRING 2024 SEMINAR SERIES

WEDNESDAY FEBRUARY 28, 2024
WSLR 116 2:00PM - 3:00PM

JOIN US FOR A LECTURE AND CONVERSATION WITH



Dr. Nicole Wagner is an Assistant Professor in the Department of Biological Sciences at Oakland University in Rochester, Michigan.

This series aims to stimulate discussion and create opportunities for collaborations. Everyone is welcome to attend.

DR. NICOLE WAGNER

Resource Stoichiometry Controls Biomass and Toxin Quotas in Diverse Cyanobacteria

Elements and energy are the building blocks required to create organisms, populations, communities, and ecosystems. Since elements are conserved between the abiotic and biotic environment, they can be used to track changes from the sub-cellular level to ecosystems.

In this seminar, Dr. Wagner will explore how anthropogenic nutrient enrichment and imbalance nitrogen to phosphorus ratios affects the eco-physiology and cyanotoxin concentration and quotas in cyanobacteria bloom-forming genera. This topic will be explored at different scales from manipulative controlled laboratory experiments to whole ecosystem high-frequency monitoring.

Hosted by Dr. Cat Jones. If you would like to meet with Dr. Wagner during her visit, contact Dr. Cat Jones at jone2425@purdue.edu.

Located at 170 S University Street, West Lafayette, IN 47907



Forestry and Natural Resources