



**FREE Workshop  
for High School  
Educators**

**Earn  
Professional Growth  
Points**

**Receive  
Resources**

**to integrate into  
the classroom and  
up to \$750 stipend**

## What Can You Expect?

- Earn 16 Professional Growth Points
- A resource binder with several lessons
- Participate in hands-on outdoor activities
- **\$350 stipend upon teaching lessons in classroom and submitting student data, plus up to \$400 available for travel, meals, and lodging-funded by the National Science Foundation**

Materials received during the workshop are suitable for high school English/Language Arts, Math, and Next generation Science Standards. After taking this workshop, participants will be able to create additional lesson plans using the provided material

Focused on disease ecology, environmental health, and ecotoxicology

### WORKSHOP DETAILS

**June 27-28 9am-5pm**  
**Registration 8:45am**  
**John S. Wright Forestry Center**  
**1007 N. 725 W.**  
**West Lafayette, IN 47904**

### PRESENTED BY

**Logan Billet**  
 Graduate Student, Forestry and Natural Resources

**Jason Hoverman**  
 Associate Professor, Vertebrate Ecology

**Rod Williams**  
 Associate Professor and Extension Specialist

**Rebecca Koetz**  
 Extension Specialist

**Email questions to [busser@purdue.edu](mailto:busser@purdue.edu)**

### CURRICULUM/REGISTRATION

- 1) Disease Ecology
  - a) Parasite diversity research activity
  - b) Modeling disease with SIR models
  - c) Trematode-tadpole infection activity
- 2) Environmental Health/Ecotoxicology
  - a) Field sampling of water quality
  - b) Daphnia salinity experiment
  - c) Snail eutrophication experiment

**Space is limited! Registrations  
accepted on a first-come basis**  
**Register here:**

**[https://purdue.ca1.qualtrics.com/jfe/  
form/SV\\_3mG67eFvb7Gc98h](https://purdue.ca1.qualtrics.com/jfe/form/SV_3mG67eFvb7Gc98h)**

Find The Nature of Teaching on  
 Facebook and Twitter!  
 Curriculum available at [www.purdue.edu/nature](http://www.purdue.edu/nature)

## Lectures and Activities

**Educate and introduce participants to the many ways of connecting students with nature and natural resources**

- The Nature of Teaching overview
- Disease ecology
- Environmental health/ecotoxicology
- Grade level collaborations

## Field Exercises

**Fun and informative guided exercises such as these introduce participants to outdoor activities that can be incorporated as part of teaching and learning**

- Field sampling
- Classroom experiments
- Snail shedding
- Tadpole dissecting
- Habitat surveying
- Water sample processing
- Evening amphibian call surveys