

**Lindsey Boaz**                      **Advisor: Kristi Lekies**

Meeting the Personal Environment: Exploring Environmental Sensitivity of Appalachian College Students

**Soomin Chun**                      **Advisor: Jeff Bielicki**

Environmental Benefits of Producing Rare Earth Elements and Treating Acid Mine Drainage

**Sam Cochran**                      **Advisor: Karen Dannemiller**

Improved quantification of fungal exposures in house dust from homes of asthmatic children using quantitative polymerase chain reaction (qPCR)

**Angela Davis**                      **Advisor: Jiyoung Lee**

“Understanding Toxic Blooms in Lake Erie and Ohio River Watersheds: Focusing on cyanophage infecting filamentous cyanobacteria *Planktothrix*”

**Aminata Fofana**                      **Advisor: Virginia Rich**

How does Extracellular Enzyme Activity Change Across a Permafrost Thaw Gradient?

**Sarah Haines**                      **Advisor: Karen Dannemiller**

Modeling microbial growth in carpet dust exposed to diurnal variations in relative humidity

**Martina Vazquez Miranda**                      **Advisor: Nick Basta**

Evaluation of Cost-Effective Amendments for In Situ Remediation of Pb Contaminated Soil

**Nick Nastasi**

**Advisor: Karen Dannemiller**

Fungal Growth and Relative Humidity in Dust Collected from the International Space Station (ISS)

**Elizabeth Schwab**

**Advisors: Margaret Kalcic/Robyn Wilson**

Agricultural nutrient loss in the Maumee watershed: Working towards assessing “accuracy” of farmer risk perceptions

**Pattama Ulrich**

**Advisors: Mark Weir/Robert Gates**

Converting Damaged and Preserving Pristine Ecosystems in Central Ohio, Columbus and Franklin County Metro Parks.