

Ecology Colloquium – Spring 2023

MW 12:20 PM – 118 Thomas Bldg

Zoom link [\[Click Here\]](#)

Date	Speaker
8-Feb	Danilo dos Santos , advised by Monica Kersch-Becker Title: Shelter-building insects facilitate arthropod colonization and microbial diversity on plants
13-Feb	Grace Matthews Gutierrez , advised by Margarita López-Uribe Title: The role of thermal tolerance on species distribution in two non-native mason bee species in North America
15-Feb	Jules Cruz , advised by Margarita Lopez-Uribe and Ruud Schilder Title: Effects of heat waves and high relative humidity on <i>Bombus impatiens</i> ' behavior, physiology, and reproductive fitness.
20-Feb	Chyonne Jessick , advised by Patrick Drohan Title: Forest floor manganese cycling in understory plant communities and implications for white-tailed deer health
22-Feb	Veronica Winter , advised by Franny Buderman and Duane Diefenbach Title: Identifying wild turkey nest initiation from location and activity data
13-Mar	Isabella Petitta , advised by Margarita López-Uribe and Autumn Sabo Title: Pollinator abundance and diversity across varying populations of <i>Lupinus perennis</i> in Pennsylvania
15-Mar	Samantha Allbee , advised by Tomás Carlo Title: The effects of dispersal, herbivory, and competition on plant community assembly
20-Mar	Sarah Glass , advised by Estelle Couradeau Title: Soil microbial diversity in the Chingaza Páramo
22-Mar	No colloquium
27-Mar	Nicole Palmer , advised by Autumn Sabo and Marc McDill Title: The community perspective: Examining plant associations in the context of the Deer-Forest study
29-Mar	Karen Beatty , advised by Franny Buderman Title: Does Hunting influence habitat selection? Analyzing Canada goose landscape use at two spatiotemporal scales
3-Apr	Luana Bresciani , advised by Francisco Dini Andreote Title: Toward a unified framework for microbial community coalescence
5-Apr	Kierstyn Higgins , advised by Dan Allen Title: Rusty Crayfish (<i>Faxonius rusticus</i>) Interactions with Benthic Macroinvertebrates in the Monocacy River
10-Apr	Alejandro Medina Valencia , advised by Margarita Lopez Uribe and Ruud Schilder Title: Differences in thermal tolerance of Pennsylvania bees and their characteristics
12-Apr	Darcy Gray , advised by Christina Grozinger Title: Investigating factors influencing seasonal migration of the African honey bee <i>Apis mellifera</i> in southeastern Kenya.
17-Apr	Diana Albuja Carbonell , advised by Travis Flohr and Andy Cole Title: Invasive plant species and active restoration for climate resilient forests
19-Apr	Katherine Altamirano , advised by Jon Duncan Title: Spatial and temporal controls on denitrification in an urban watershed
24-Apr	Christina Harden , advised by Sagan Friant and Ottar Bjornstad Title: A single patch model of Lassa fever reservoir dynamics
26-Apr	Michelle Zavala Paez , advised by Jill Hamilton Title: Interspecific hybridization may lead to adaptive novel phenotypic variation in Poplar trees