

IGC GRADUATE RESEARCH SYMPOSIUM

THURSDAY, APRIL 25, 2019



INTERFACES
OF GLOBAL CHANGE

Agenda

- 8:00 a.m. Poster setup; Fralin Hall Atrium
- 8:30 a.m. Poster viewing with coffee & refreshments; Fralin Atrium
- 8:55 a.m. Welcome; Fralin Auditorium
- 9:00 a.m. **Session Chair: Nicole Ward**
- 9:00 a.m. **Ben Ahlswede** (FREC) - Switchgrass as a climate change mitigation tool in Central Virginia
- 9:15 a.m. **Lauren Wind** (BSE) - Analysis of antibiotic resistance genes and present microbial communities in agricultural soils amended with various manure-derived amendments
- 9:30 a.m. **Ernie Osburn** (BIOL) - Forest disturbance alters soil microbial community structure and function in Appalachian ecosystems
- 9:45 a.m. **Bennett Grooms** (FWC) - Using social science to understand the relationship between recreationists and state wildlife agencies
- 10:00 a.m. Break and poster viewing
- 10:30 a.m. **Session Chair: Brenen Wynd**
- 10:30 a.m. **Devin Hoffman** (GEOS) - Ecological recovery following the end-Permian Mass Extinction recorded in Middle Triassic tooth assemblage
- 10:45 a.m. **Becky Fletcher** (SPES) - Variation in seed germination traits of an invasive grass is explained by climate
- 11:00 a.m. **Stephen DeVilbiss** (CSES) - Effects of freshwater salinization and associated base cations on fecal indicator persistence and bacterial community structure

- 11:15 a.m. **Josh Rady** (FREC) - Forest management in space and time, when it matters and when it doesn't
- 11:30 a.m. **Angie Estrada** (BIOL) - Amphibian translocations: skin microbiome, body condition and disease status
- 11:45 a.m. Lunch and poster viewing; Fralin Boardroom and Atrium
- 1:00 p.m. **Session Chair: Sydney Hope**
- 1:00 p.m. **Zach Martin** (FWC) – Testing effect of embeddedness on nest-site choice and oviposition by a cavity-nesting stream fish
- 1:15 p.m. **Mike Graham** (SPES) - Can agricultural practices mitigate climate change? The impact of 'no-till' practices on soil carbon using an Earth system model
- 1:30 p.m. **Mary Lofton** (BIOL) - Relative importance of top-down versus bottom-up control of phytoplankton vertical distribution in north temperate lakes
- 1:45 p.m. Poster Reception (students by posters); Fralin Atrium
Refreshments; Fralin Boardroom
- 3:00 p.m. Platform Award Announcements; Fralin Atrium
- 3:15 p.m. Symposium Adjourns