

IGC GRADUATE RESEARCH SYMPOSIUM

THURSDAY, APRIL 19, 2018



Agenda

9:15 a.m. Poster setup; Fralin Hall Atrium

9:55 a.m. Welcome (Jeff); Fralin Auditorium

10:00 a.m. **Session 1 Chair: Angie Estrada**

10:00 a.m. Talk 1 **Ben Vernasco**

“Causes and Consequences of the Cooperative Display Behavior of Wire-tailed Manakins”

10:15 a.m. Talk 2 **Ryan McClure**

“Hypolimnetic Oxygenation Increases Methane Ebullition in a Eutrophic Drinking Water Reservoir”

10:30 a.m. Talk 3 **Fadoua El Moustaid**

“A Mathematical Modeling Approach to The Cort-Fitness Hypothesis”

10:45 a.m. Talk 4 **Carl Wepking**

“Livestock antibiotics alter soil microbial communities and ecosystem function”

11:00 a.m. Break and poster viewing

11:30 a.m. **Session 2 Chair: Jon Doubek**

11:30 a.m. Talk 1 **Maya Wilson**

“How can the cavity nest-web inform conservation of the endangered Bahama Swallow (*Tachycineta cyaneoviridis*)?”

11:45 a.m. Talk 2 **Zach Gajewski**

“Varying Temperature Effects on the Growth of the Amphibian Chytrid Fungus”

12:00 p.m. Talk 3 **Brenen Wynd**

“Diversity of Chondrichthyes through the uppermost Cretaceous Hell Creek Formation of Garfield County, Montana, with implications for the Cretaceous-Paleogene mass extinction in freshwater environments”

12:15 p.m. Talk 4 **Tamara Feters**

“A summary of my dissertation work on changes in physiology and life history in an invasive lizard”

12:30 p.m. Lunch and poster viewing; Fralin Atrium

1:30 p.m. **Session 3 Chair: Derek Hennen**

1:30 p.m. Talk 1 **Mike Graham**

“Monitoring and assessing the effects of soil tillage on global change using remote sensing and climate modeling”

1:45 p.m. Talk 2 **Bennett Grooms**

“The Human Dimensions of Wildlife Recreationists: Understanding the Role of Wildlife Recreation in Conservation Management”

2:00 p.m. Talk 3 **Gifty Anane-Taabeah**

“The effect of aquaculture on the genetic purity of natural populations of Nile tilapia *Oreochromis niloticus* in Ghana”

2:15 p.m. Talk 4 **Ernie Osburn**

“Soil microbial response to *Rhododendron maximum* understory removal in Appalachian forests”

2:30 pm Talk 5 **Zach Martin**

“A modeling-monitoring approach to relating sediment loads to stream habitat quality and agricultural best management practices in Copper Creek (Clinch River)”

2:45 p.m. Poster Reception (students by posters); Fralin Atrium

3:45 p.m. Platform Award Announcements; Fralin Atrium

4:00 p.m. Symposium Adjourns