Friday
February 2

9:30-10:15  Breakfast

10:15-10:30  Dr. John Gittleman  Welcoming remarks from the Dean

Session I Moderator: Carly Phillips

10:30-10:45  Deven Gokhale  If you get all tangled up, just Tango on… If not, Likelihood-based Statistical Inference should do it!

10:45-11:00  Jeffrey Beauvais  Interactions of Anthropogenic and Natural Disturbances on Genetic Diversity in a Clonal Salt Marsh Plant

11:00-11:15  Richard G. Bauer  Spatial Patterns of Male American Alligators Alligator mississippiensis on a Developed Georgia Barrier Island

11:15-11:30  Matthew Hale  Linking Historical Exposures to Modern-day Signaling: Dioxin and the American Alligator

11:30-11:45  Michelle Evans  Mosquito communities across a city

11:45-1:00  Lunch

Session II, Moderator: Zach Butler

1:00-1:15  Cecilia Sanchez  What drives relationships between body condition and parasite infection in wildlife? A review and meta-analysis

1:15-1:30  Anya Brown  Your history affects your future: variation in response of corals to vermetid gastropods

1:30-1:45  Darren Fraser  Relative Proportion of Marsh vs Terrestrial Food Sources in the Diets of a Common Terrestrial Mesopredator the North American Raccoon Procyon lotor

1:45-2:00  Jessica Chappell  Vulnerability of migratory shrimp to the interaction of drought and water extraction in Puerto Rico: The importance of examining temporal dynamics

2:00-2:15  Break
Session III, Moderator: Katie Brownson

2:15-2:30 Kaylee Arnold A Multi-scale Study of the Gut Microbiota of a Chagas Disease Vector

2:30-2:45 Ania Majewska Effects of Gardens on Pollinators. A review and a meta-analysis

2:45-3:00 Reni Kaul Noise-induced catastrophic change in ecology

3:00-3:15 Claire Teitelbaum Moving with pathogens: migratory behavior predicts greater parasite diversity in ungulates

3:15-3:30 Dana Carpenter Has Long-term Fire Exclusion Reduced the Resiliency of Southern Appalachian Forests to Wildfire?

3:30-4:00 Coffee Break

Rapid Fire Session I, Moderator: Megan Hopson

4:00-4:30 Dessa Dunn Effects of Goat Herbivory on Growth and Survival of White Oak Quercus alba Seedlings in Driftmier Woods

Ed Stowe Assessing Fish Population Trends from 1996 to 2016 in the Conasauga and Etowah Rivers, GA

Kelly Petersen Do restoration practices maintain adaptive potential in reintroduced plant populations?

Q & A

Rapid Fire Session II, Moderator: Kaylee Arnold

4:30-5:00 Samantha Bock Characterizing variation in nesting thermal dynamics of the American alligator and consequences for reproductive development

Robbie Richards Predators and the Parasites in their Prey: Macroecology of a Tri-trophic Interaction

David Vasquez Jr. A cross-scale approach to identify key individuals responsible for the transmission and persistence of a devastating wildlife pathogen

Q & A

5:00-7:00 Poster Session
noon-1:45  Meet in Ecology to travel to lunch

Session IV, Moderator: Claire Teitelbaum

1:45-2:00  Carolyn Cummins  ‘Fast food’ for stream consumers? Investigating the effects of temperature and nutrients on the fates of carbon in streams

2:00-2:15  Maura P. Dudley  Is *Rhododendron maximum* a Foundation Species in Southern Appalachian Riparian Forests?

2:15-2:30  Lance Paden  Use of Modified GPS Loggers to Monitor Resident and Translocated Gopher Tortoises *Gopherus polyphemus* in Southeastern Georgia

2:30-2:45  Katie Mascovich  Comparing the Impacts of High- and Low-Interaction Education Programs on People’s Knowledge and Behaviors

2:45-3:00  Rachel Smith  Shifting Ranges and Interactions: How Does Saltmarsh Wrack Affect Mangrove Establishment and Development?

3:00-3:15  Rebecca Atkins  Patterns in consumer-resource interaction strength depend on biological spatial scale

3:15-3:30  **Coffee Break**

Rapid Fire Session III, Moderator: Kelsey Solomon & Emily Johnson

3:30-4:30  Keysa Rosas  How conversion to palm plantations affects resource subsidies between streams and riparian areas

Zachary Butler  Documenting the Commensal Diversity of Armadillo Burrows

Ashley LaVere  If You Give a Creep a Camera

Q & A
Kelsey J. Solomon
What are the effects of removing riparian rhododendron on stream algal communities of the southern Appalachians?

Denzell Cross
Disturbance, Functional Trait Diversity, and Ecosystem Processes in Animal Communities

Q & A
4:30-4:45 Break

Keynote Address

4:45-5:00 Dr. Seth Wenger Introduction

5:00-6:00 David Walters From rocks to spiders: Geologic controls on trace metals affect aquatic-riparian linkages in Rocky Mountain streams

6:00 -8:00 Dinner