



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 <i>Quercus alba</i> 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**





Saturday
February 3

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

Rapid Fire Session III (continued)

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

