



Odum School of Ecology

UNIVERSITY OF GEORGIA

2017 Ecological Society of America Annual Meeting Schedule of Talks and Posters

Monday, Aug. 7

2:50-3:10 pm D129-130	Kaitlin J. Farrell kfarrell@uga.edu @farrellkj2	Variation in resource stoichiometry signals differential carbon to nutrient limitation for stream consumers across biomes. <i>Session: COS 8 - Detritus and Decomposition</i>
4:40-5:00 pm B112	Elizabeth G. King egking@uga.edu	Coupling ecosystem services and human adaptive capacities in the study of livelihood transformations. <i>Session: COS 11 – Ecosystem Services Assessment I</i>

Tuesday, Aug. 8

10:10 -10:30 am D137	Michelle V. Evans mvevans@uga.edu @mv_evans	Urban microclimate influences dengue dynamics in the invasive mosquito, <i>Aedes albopictus</i>. <i>Session: COS 34 – Disease and Epidemiology I</i>
2:30-2:50 pm D139	Ricardo M. Holdo rholdo@uga.edu	Functional rooting separation between trees and grasses varies as a function of rainfall in an African savanna. <i>Session: COS 61 – Environmental Gradients</i>

Wednesday, Aug. 9

8:20-8:40 am D137	John M. Drake jdrake@uga.edu @drake_lab	Early warning systems for spillover of zoonotic pathogens. <i>Session: COS 84 – Disease and Epidemiology III</i>
9:20-9:40 am C122	Elizabeth A. Hamman hamman@uga.edu @eahamman	Bias in ecological meta-analyses. <i>Session: COS 95 – Statistics</i>
9:50-10:10 am B110-111	Ania Majewska majewska@uga.edu	Do characteristics of gardens predict the diversity, abundance, reproduction and health of pollinators? <i>Session: COS 83 – Conservation Management IV</i>
10:30-10:50 am B110-111	Jessica Chappell jchapp@uga.edu	Vulnerability of migratory shrimp to the interaction of drought and water extraction in Puerto Rico: The importance of examining temporal dynamics. <i>Session: COS 83 – Conservation Management IV</i>
1:50-2:10 pm B114	Alan P. Covich alanc@uga.edu	Omnivores are more mobile than detritivores: tropical freshwater shrimps respond to severe drought. <i>Session: COS 97 – Aquatic Ecology: Streams and Rivers</i>

3:20-3:40 pm Portland Ballroom 257	Julie Tierney julie.tierney25@uga.edu @julie_ofwolves	Longleaf pine savannas house diverse niches of nitrogen fixation. <i>Session: OOS 29 – Linking Terrestrial Nitrogen Fixation, Element Cycling, and Biodiversity in a Changing World</i>
4:40-5:00 pm D139	Paula Pappalardo paulapappalardo@gmail.com	Comparing traditional and Bayesian approaches to ecological meta-analyses. <i>Session: COS 119 – Species Interactions II</i>
6:30-8:00 pm Skyview Terrace	UGA Ecology Alumni & Friends Mixer	Celebrating 50 Years of Ecology at the University of Georgia All alumni, faculty, students, postdocs, staff and friends of the Odum School are welcome to join us!

Thursday, Aug. 10

9:50-10:10 am D137	Navideh Noori nnoori@uga.edu	Identifying the effects of measles-induced immune amnesia on whooping cough dynamics as a secondary infection. <i>Session: COS 130 – Disease and Epidemiology V</i>
9:50-10:10 am D132	Nina Wurzburger ninawurz@uga.edu	Nitrogen fixation facilitates forest recovery after repeated disturbances. <i>Session: COS 124 – Biogeochemistry: New Paradigms in Biogeochem Cycling II</i>
10:50-11:10 am D137	Ana I. Bento anabento@uga.edu @AnisabelBento	Whooping cough epidemiology, and evolution in the vaccine era. <i>Session: COS 130 – Disease and Epidemiology V</i>
11:10-11:30 am D137	Pejman Rohani rohani@uga.edu	Resurgence of pertussis in Massachusetts: waning vaccinal immunity and end-of-honeymoon effect. <i>Session: COS 130 – Disease and Epidemiology V</i>
1:50-2:10 pm D137	Daniel J. Becker dbecker@uga.edu @danjbecker	Livestock expansion into rainforest habitat shifts immune profiles and bacterial infection risk in wild vampire bats. <i>Session: COS 155 – Disease and Epidemiology VI</i>
2:10-2:30 pm D138	RajReni B. Kaul reni@uga.edu @ReniKaul	Noise-induced catastrophic change in ecology. <i>Session: COS 166 – Population Dynamics: Modeling</i>
4:00-4:20 pm E142	Marirosa Molina, PhD '01 mmolina.1183@gmail.com	Inter seasonal precipitation patterns impact the occurrence of waterborne pathogens in an agricultural watershed. <i>Session: COS 145 – Aquatic-Terrestrial Linkages II</i>
4:00-4:20 pm D137	Tobias S. Brett tsbrett@uga.edu	Raising the alarm on emerging diseases: quantitative methods for detection and decision making. <i>Session: COS 155 – Disease and Epidemiology VI</i>
4:30-6:30 pm Exhibit Hall Poster 47-11	Richard J. Hall rjhall@uga.edu @hall_lab_uga	Modeling the consequences of reduced migratory propensity for host-parasite interactions. <i>Session: PS 47 – Behavior: Migration And Movement</i>

Friday, Aug. 11

9:00-9:20 am Portland Ballroom 253	Tyler Kartzinel, PhD '12 tyler_kartzinel@brown.edu	Consequences of African large herbivore declines on food webs of small mammals. <i>Session: OOS 46 – Disease and Epidemiology V</i>
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Celebrating 50 Years of Ecology at the University of Georgia

The UGA Institute of Ecology was established in 1967 and became the Odum School—the world's first college devoted solely to the study of ecology—in 2007. Named for founder Eugene Odum, often called “the father of modern ecology,” the Odum School emphasizes an interdisciplinary, collaborative approach to teaching, research and service, adhering to Odum’s holistic outlook.

Areas of strength include aquatic ecology, conservation ecology, disease ecology, ecosystem ecology, evolutionary ecology, and sustainability science. Researchers in the Odum School work on timely and complex issues including global climate change, biodiversity and invasive species, and species extinction, among many others.

The Odum School offers undergraduate and graduate degrees, including the B.S. in Ecology, A.B. in Ecology, Ph.D. in Ecology (including the new Infectious Disease Ecology Across Scales interdisciplinary program), Ph.D. in Integrative Conservation and Ecology, M.S. in Ecology, and M.S. in Conservation Ecology and Sustainable Development, as well as an Ecology minor and several certificate programs.

For more information: www.ecology.uga.edu | facebook.com/odumschool | [@UGAEcology](https://twitter.com/UGAEcology)

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