

Ecological Society of America Annual Meeting Schedule of Presentations by Odum School Students, Faculty, Postdocs, Staff, and Alumni

Monday, Aug. 12		
Ricardo Holdo Odum School of Ecology	1. Woodland-grassland transitions are strongly associated with soil hydrology but not fuel loads or fire in Serengeti savannas Session: COS 9 Environmental Gradients https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/78306	MON 8/12 1:30-1:50 PM KICC L013
Nicole Gottdenker, PhD '09 UGA College of Veterinary Medicine	1. Ecological and social mechanisms driving multi-host vector borne pathogen transmission in rural landscapes Session: SYMP 1 Land Use Change and Vector-Borne Diseases https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/77285	MON 8/12 1:30-2 PM KICC Ballroom E
Evelyn Gaiser, PhD '97 Florida International University	2. Hurricanes interact with disturbance legacies to effect ecosystem resilience Session: COS 4 Communities: Disturbance and Recovery I https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/79741	MON 8/12 1:50-2:10 PM KICC M109/110
Monica Palta, MS '05 Pace University	7. "Accidental" urban wetlands: Ecosystem functions in unexpected places Session: OOS 3 The Novel Biogeochemistry of Ubiquitous Understudied Urban Wetlands https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/76340	MON 8/12 3:40-4 PM KICC M104
John Kominoski, PhD '08 Florida International University	8. Comparing effects of saltwater intrusion on carbon loss among coastal wetland ecosystems: From monitoring to mechanisms Session: COS 9 Environmental Gradients https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/78869	MON 8/12 4-4:20 PM KICC L013
Julienne NeSmith Odum School of Ecology	61. Contrasting ecohydrological functional trait relationships in savanna tree and grass species Session: PS 6 Communities: Traits and Functional Diversity https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/79384	MON 8/12 4:30-6:30 PM KICC Exhibit Hall
Albert J. Meier, PhD '95 Western Kentucky University	131. Dispersal limitation of <i>Phacelia purshii</i> Session: PS 16 Seed Production, Dispersal, and Predation https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/79941	MON 8/12 4:30-6:30 PM KICC Exhibit Hall
 <p>UNIVERSITY OF GEORGIA Odum School of Ecology</p>	UGA Odum School of Ecology Mixer All University of Georgia Ecology alumni, faculty, students, and friends attending ESA are invited!	Galt House Hotel, Grand Ballroom C

Tuesday, Aug. 13		
Peter Groffman, PhD '84 Cary Institute of Ecosystem Studies	1. Ecological homogenization of urban America Session: OOS 7 Novel Ecosystem Dynamics in Human Dominated Ecosystems https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/76410	TUE 8/13 8-8:20 AM KICC M104
Amy Rosemond Odum School of Ecology	2. Beyond blooms: the critical role of terrestrial carbon in uptake and retention of nutrients in freshwater ecosystems Session: OOS 8 Nutrients in Freshwater Ecosystems: From Scientific Session: Innovations to Management https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/76399	TUE 8/13 8:20-8:40 AM KICC M103
Elizabeth G. King Odum School of Ecology	3. Interdisciplinary graduate training for addressing wicked problems Session: COS 22 Education: Pedagogy https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/79135	TUE 8/13 8:40-9 AM KICC L006
A.I. Bento Odum School of Ecology	5. Habitat choice shapes host susceptibility and disease burden Session: SYMP 4 Crossing the Taxonomic Divide in Disease Ecology https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/76463	TUE 8/13 10:10-10:40 AM KICC Ballroom E
Robert L. Richards Odum School of Ecology	6. The effects of experimental manipulation of predator communities on multiple parasites in prey populations Session: COS 34 Disease and Epidemiology I https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/78281	TUE 8/13 3:20-3:40 PM KICC L011/012
Wednesday, Aug. 14		
Daniel Becker, PhD '17 Indiana University	2. The macroecology of avian competence for <i>Borrelia burgdorferi</i> Session: COS 46 Disease and Epidemiology II https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/77783	WED 8/14 8:20-8:40 AM KICC L011/012
Douglas R. Leasure, former postdoc University of Southampton	2. Mapping vulnerable populations at high resolution in countries without recent census data: A hierarchical Bayesian approach Session: COS 50 Modeling: Populations https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/77439	WED 8/14 8:20-8:40 AM KICC L013
Katherine Zarada, BS '15 Boston University	3. Breaking down barriers to near term forecasting through the Near Term Ecological Forecasting Initiative (NEFI) Session: COS 64 Education: Tools & Technology https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/80067	WED 8/14 2:10-2:30 PM KICC L004
Daniel G. Streicker, PhD '11 MRC--University of Glasgow Centre for Virus Research	4. Better off dead? Ecological insights on the efficacy of culling and vaccination of vampire bats for rabies control in Latin America Session: OOS 19 Ecological Levers to Improve Human Health https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/76064	WED 8/14 2:30-2:50 PM KICC M103
Wednesday, Aug. 14, cont.		

David W.P. Manning, PhD '15 University of Nebraska at Omaha	5. Shifts in post-dam removal fish communities and body size reduce community-level nutrient excretion rates Session: COS 56 Aquatic Ecology: Streams and Rivers https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/79599	WED 8/14 2:50-3:10 PM KICC M105/106
Gaston (Chip) Small, PhD '10 University of Saint Thomas, Minnesota	6. Phosphorus buildup and loss from garden soils constrains the ability of urban agriculture to recycle nutrients Session: COS 62 Ecological Economics: Agriculture / Natural Resources (USSEE) https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/78434	WED 8/14 3:20-3:40 PM KICC M101/102
Jacob Allgeier, PhD '13 University of Michigan	6. Individual behavior drives ecosystem function and the impacts of harvest Session: COS 63 Ecosystem Function: Biodiversity https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/78788	WED 8/14 3:20-3:40 PM KICC L006
Thursday, Aug. 15		
S. Kyle McKay, PhD '14 US Army Corps of Engineers	1. EcoRest: an R package for rapid assessment habitat modeling to inform ecosystem management and restoration Session: COS 79 Modeling II https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/79819	THU 8/15 8-8:20 AM KICC L013
Nina Wurzburger Odum School of Ecology	1. The rise and fall of N fixation following disturbance OOS 223 Not a Quick Fix: The Ecology and Evolution of Symbiotic Nitrogen Fixation in a Complex World https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/76314	THU 8/15 8-8:20 AM KICC M104
Sabrie Breland, MS '15 Michigan State University	5. Agricultural land-use legacies affect plant-pollinator network structure after forest restoration Session: COS 81 Plant-Insect Interactions I https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/78933	THU 8/15 9:20-9:40 AM KICC L016
Elizabeth A. Hamman, PhD '17 East Carolina University/ Radford University	6. A random effects model for size-structured predator functional response models Session: COS 82 Statistics https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/79512	THU 8/15 9:50-10:10 AM KICC L010/014
Mitchell Pavao-Zuckerman, PhD '03 University of Maryland	7. Quantifying the ability of urban trees and forests to mitigate stormwater runoff in the Chesapeake Bay watershed Session: COS 83 Urban Ecology (USSEE) https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/80188	THU 8/15 10:10-10:30 AM KICC M101/102
Andrew Mehring, PhD '12 Doñana Biological Station	9. The role of predation by waterbirds in moderating wetland greenhouse gas emissions Session: COS 72 Biogeochemistry: Linking Community Structure and Ecosystem Function II https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/79499	THU 8/15 10:50-11:10 AM KICC M111
Thursday, Aug. 15, cont.		

<p>Kelly Lane-de-Graaf, former postdoc Fontbonne University</p>	<p>7. Population genetics, disease dynamics, and environmental racism: A look at urban raccoons Session: COS 91 Ecological Economics: Selected Topics (USSEE) https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/79427</p>	<p>THU 8/15 3:40-4 PM KICC M101/102</p>
<p>O. Stribling Stuber, MS '13 Joseph W. Jones Center at Ichauway</p>	<p>9. Comparing species-specific water use during and after severe drought in a longleaf pine ecosystem Session: COS 93 Physiology 1 https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/79764</p>	<p>THU 8/15 4:20-4:40 PM KICC L015/019</p>
<p>Alexandra Kenna Odum School of Ecology</p>	<p>76. Invertebrate herbivory rates of four tree species in response to soil warming Session: PS 57 Forests Temperate https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/79753</p>	<p>THU 8/15 4:30-6:30 PM KICC Exhibit Hall</p>
Friday, Aug. 16		
<p>Lucia Mochi, visiting scholar Universidad de Buenos Aires</p>	<p>198: Woody encroachment: Seed-seedling conflicts in neotropical savannas dominated by Acacia PS 90 Population Dynamics https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/81151</p>	<p>FRI 8/16 8:30-10:30 AM KICC Exhibit Hall</p>
<p>Akanksha Sharma Odum School of Ecology</p>	<p>10. A framework for exploring aquatic and riparian connectivity: Case study of the Chiricahua leopard frog in the Cienega Creek basin Session: COS 10 habitat Structure, Fragmentation, Connectivity https://eco.confex.com/eco/2019/meetingapp.cgi/Paper/80505</p>	<p>FRI 8/16 11:10-11:30 AM KICC L013</p>