

- Schedule of Student Talks – Thursday, March 26-

Session 1: 9:15 AM – 10:00 AM

	Rudder Tower Room 404	Rudder Tower Room 401	Rudder Tower Room 402
Theme	Public Health and Disease	Hybrid Zones and Selection	Honey Bees
9:15AM	T1. The Effect of Volatiles Produced by Buruli Ulcer's Mycobacterium Exotoxin on Host-Seeking Behavior of <i>Aedes aegypti aegypti</i> (Linnaeus) (Diptera: Culicidae) Michael Sanders	T3. Assortative mating within hybrid genotype-clusters in a freshwater hybrid zone Mattie Squire	T6. Honey Bee (<i>Apis mellifera</i>) Drone Reproductive Health Adrian Fisher II
9:30AM	T2. Visceral Leishmaniasis in Bihar, India: Simulating Alternative Control Strategies using Fipronil Orally Administered to Livestock David Poche	T4. Using cline theory to test for selection in natural hybrid zones Gaston Jofre	T7. An analysis of pollen collected by honey bees (<i>Apis mellifera</i> L.) in developed areas Pierre Lau
9:45AM	---	T5. Conditional diet effects on sexual communication in hybridizing swordtails Pablo Delclós	T8. The Effects of In-Hive Miticides on Queen (<i>Apis mellifera</i>) Retinue Response and Mandibular Glands Elizabeth Walsh

- Poster Session: 10:00 AM -11:00 AM -

Session 2: 11:00 AM -12:00 PM

	Rudder Tower Room 404	Rudder Tower Room 401	Rudder Tower Room 402
Theme	Changing Landscapes	From Communities to Populations	Entomology
11:00AM	T9. Overgrazing and Afforestation in the Huascarán Biosphere Reserve, Peru: Implications for Management Jessica Gilbert	T13. Food Web Structure of the Lower Xingu River: A Unique and Imperiled Ecosystem in the Lower Amazon Basin Daniel Fitzgerald	T17. Salicylic Acid mediated plant induced resistance against insect vector and bacterial pathogen Ordor Brian Huot
11:15AM	T10. Effects of wildfire damage on vegetation recovery and Rio Grande wild turkey distribution Louis Addae-Wireko	T14. Flow dynamics and temporal variation in fish assemblage structure in two Texas Gulf Coast rivers Anthony Rodger	T18. Why so aggressive? Molecular ecology of facultative predation in a blow fly Meaghan Pimsler
11:30AM	T11. Landscape structure influences the control of a coffee pest by social wasps Pedro Afonso Leite	T15. Finding regulation among seemingly unregulated population: A practical framework for analyzing multivariate population time series Can Zhou	T19. Evaluation sterilized dietary and density effects on development of <i>Lucilia sericata</i> (Diptera: Calliphoridae) Le Zheng
11:45AM	T12. Impact of Tropical Forest Conversion to Cropland on Leaf Wetness Duration in Costa Rica Amelia Min-Venditti	T16. Detecting Density Dependence in a Brown Shrimp Population Cyrene Piper	T20. Inhibiting Colonization of Vertebrate Carrion by Pioneer Arthropod Species Indicates Limited Ecosystem Resilience by Associated Microbial Function Chong Chin Heo

- Lunch 12:00 PM – 1:00 PM (Room 407) -

Session 3: 1:00 PM-2:15 PM

	Rudder Tower Room 404	Rudder Tower Room 401	Rudder Tower Room 402
Theme	Ecosystem Ecology	Phylogenetics and Evolution	Habitat and Spatial Ecology
1:00PM	T21. Effect of Drought on Three Oak Species Caitlyn Cooper	T26. Exploring Avian Cryptic Diversity in Afrotropical Forests: the Taxonomy and Phylogeography of the genus <i>Bleda</i> Jerry Huntley	T30. The Spatial Ecology of a Dispersal Limited Vertebrate on a Mosaic Landscape Kelsey Neam
1:15PM	T22. Tree Transpiration Response to Wet and Dry Canopy Conditions in a Montane Tropical Forest Luiza Aparecido	T27. Avian Malaria Diversification in West Africa: from host to habitats Johanna Harvey	T31. The effects of climate change on shell morphology and geographic distribution of members of the <i>Chrysemys</i> complex Wesley Vermillion
1:30PM	T23. Effect of nutrient availability and competition control on end of rotation C, N, and P accumulation and retention in loblolly pine forests in north-central Florida Ignacie Tumushime	T28. Size DOES Matter: Finding phylogenetic signal in <i>Drosophila</i> genome size Carl Hjelman	T32. Spatial Scales of Predator-Prey Interactions in Model and Experimental Ladybug-Aphid Systems Wei-Ting Lin
1:45PM	T24. Biophysical feedbacks in tidal creek formation on sinking salt marshes. Huy Vu	T29. The Origin of an Invasive Isopod (<i>Ligia exotica</i>) : the Story behind Evolutionary History Chang Wang	T33. Post-fledging habitat use and movement of Black-capped Vireos Marisa Martinez
2:00 PM	T25. Effects of climate change and forest management on wood mass loss in southeastern US loblolly pine forests Yang Zhang	---	T34. Human health impacts of low-level chronic exposure to cyanotoxins via drinking water: connections between water policies, affluence, and public health Adriana Méndez-Jiménez

Award Ceremony and Closing Remarks: 2:45 PM – 3:15 PM - (Room 401)

Poster Session- Rudder Tower Room 410

Poster #	Classification	Poster Title	Author
1	Graduate	P1. Understanding manatee immunogenetics and the implications for conservation	Breanna Breaux
2	Graduate	P2. <i>Cardioderma cor</i> , the heart nosed bat, sings temporally complex songs on foraging territories	Grace Smarsh
3	Graduate	P3. Interactions between the exotic animal market and the Endangered Species Act: Sometimes sales save species	Kendra Williamson
4	Graduate	P4. Principle abiotic factors influencing the structure and function of <i>Pinus halepensis</i> forests in Israel	Taylor Wilson
5	Graduate	P5. Use of moderate resolution imagery to detect diffuse tree mortality from large-scale drought	Rosaleen March
6	Graduate	P6. Nutritional influences on sexual trait expression in a sulfur butterfly (<i>Eurema lisa</i>)	Tess Doumas
7	Graduate	P7. Contribution of the genetic evaluations in the management of wild and domestic stocks of channel catfish (<i>Ictalurus punctatus</i>)	Xochitl De La Rosa
8	Graduate	P8. Use of a Novel Envelope Score Fuzzy Parallelepiped Classifier in Distinguishing Riparian Tamarisk/Willow and Mesquite Habitats for Endangered Bird Species with High Resolution Multispectral Imagery	James Tracy
9	Undergraduate	P9. Ebola, Rabies, MERS - What makes a bat such a great carrier of them all?	Aida Guhlin
10	Undergraduate	P10. Small Mammal Diversity and Varying Habitat	Lilianna Krisko Wolf
11	Undergraduate	P11. Effect of Female Size on Offspring Growth and Survivorship in the Gulf Pipefish <i>Syngnathus scovelli</i>	Andrea Martinez Aguirre
12	Undergraduate	P12. Testing for Predator-Prey Interactions Amongst White Shrimp, Brown Shrimp, Spotted Seatrout, Red Drum, and Southern Flounder in Texas Coastal Bays	Chelsea Acres
13	Undergraduate	P13. Does the bacterium Spiroplasma protect <i>Drosophila mojavensis</i> against parasitic wasps?	Paulino Ramirez
14	Undergraduate	P14. Evolutionary Relationships of Southern African Pipit Species	Alyssa Pope
15	Undergraduate	P15.	Sarah Molina