

## - Schedule of Student Talks – Thursday, March 26-

### Session 1: 9:15 AM – 10:00 AM

	<b>Rudder Tower Room 404</b>	<b>Rudder Tower Room 401</b>	<b>Rudder Tower Room 402</b>
Theme	<b>Public Health and Disease</b>	<b>Hybrid Zones and Selection</b>	<b>Honey Bees</b>
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) <b>Michael Sanders</b>	T3. Assortative mating within hybrid genotype-clusters in a freshwater hybrid zone <b>Mattie Squire</b>	T6. Honey Bee ( <i>Apis mellifera</i> ) Drone Reproductive Health <b>Adrian Fisher II</b>
9:30AM	T2. Visceral Leishmaniasis in Bihar, India: Simulating Alternative Control Strategies using Fipronil Orally Administered to Livestock <b>David Poche</b>	T4. Using cline theory to test for selection in natural hybrid zones <b>Gaston Jofre</b>	T7. An analysis of pollen collected by honey bees ( <i>Apis mellifera</i> L.) in developed areas <b>Pierre Lau</b>
9:45AM	---	T5. <b>Pablo Delclos</b>	T8. The Effects of In-Hive Miticides on Queen ( <i>Apis mellifera</i> ) Retinue Response and Mandibular Glands <b>Elizabeth Walsh</b>

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

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

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

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

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

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

**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	<b>Breanna Breaux</b>
2	Graduate	P2. <i>Cardioderma cor</i> , the heart nosed bat, sings temporally complex songs on foraging territories	<b>Grace Smarsh</b>
3	Graduate	P3. Interactions between the exotic animal market and the Endangered Species Act: Sometimes sales save species	<b>Kendra Williamson</b>
4	Graduate	P4. Principle abiotic factors influencing the structure and function of <i>Pinus halepensis</i> forests in Israel	<b>Taylor Wilson</b>
5	Graduate	P5. Use of moderate resolution imagery to detect diffuse tree mortality from large-scale drought	<b>Rosaleen March</b>
6	Graduate	P6.	<b>Tess Doumas</b>
7	Graduate	P7. Contribution of the genetic evaluations in the management of wild and domestic stocks of channel catfish ( <i>Ictalurus punctatus</i> )	<b>Xochitl De La Rosa</b>
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	<b>James Tracy</b>
9	Undergraduate	P9. Ebola, Rabies, MERS - What makes a bat such a great carrier of them all?	<b>Aida Guhlin</b>
10	Undergraduate	P10.	<b>Liliana Krisko Wolf</b>
11	Undergraduate	P11. Effect of Female Size on Offspring Growth and Survivorship in the Gulf Pipefish <i>Syngnathus scovelli</i>	<b>Andrea Martinez Aguirre</b>
12	Undergraduate	P12. Testing for Predator-Prey Interactions Amongst White Shrimp, Brown Shrimp, Spotted Seatrout, Red Drum, and Southern Flounder in Texas Coastal Bays	<b>Chelsea Acres</b>
13	Undergraduate	P13. Does the bacterium Spiroplasma protect <i>Drosophila mojavensis</i> against parasitic wasps?	<b>Paulino Ramirez</b>
14	Undergraduate	P14. Evolutionary Relationships of Southern African Pipit Species	<b>Alyssa Pope</b>
15	Undergraduate	P15.	<b>Sarah Molina</b>