

VSU Biology Department presents

First Annual Graduate Student Research Symposium

Friday, September 17, 3:00 – 5:00 PM

Schedule:

Oral Presentations: BSC 2022

Time	Student	Title
3:00	John Griner	Studies on the Diversity of Subaerial Algae in Southern Georgia: Two New Species of <i>Coelastrella</i> (Chlorophyceae, Chlorophyta)
3:15	Ashley Kirkley	Biogeography and Population Genetic Structure of the Water Moccasin, <i>Agkistrodon piscivorus</i> , in the Alapahoochee watershed
3:30	Matt Cannister	A Survey of the Fish Fauna of the Withlacoochee River in South Georgia
3:45	J. Ryce Martin	Population Genetics of Isolated Cyprinid Minnow, Pearl Dace (<i>Margariscus margarita</i>), on Isle Royale, MI
4:00	Tatyana Nienow	Functional Characterization of Calsequestrin in the Killifish <i>Fundulus heteroclitus</i>

Poster Presentations: Second floor of the Bailey Science Center, in the open area near the Biology Dept. office

Student	Title
Arjun Adhikari	Impact Assessment of Deepwater Horizon Oil Spill and BP Dispersants on Diatoms at Perdido Bay and Pensacola Bay
Lynda Bernhardt	Environmental and Behavioral Influences on Egg Laying in the Mangrove Rivulus, <i>Kryptolebias marmoratus</i>
Katie Huitt	Characterization of Host Cell Death in Cultures of Macrophage-like RAW264.7 Cells Pretreated with Gamma Interferon and Infected with <i>Rickettsia prowazekii</i>
Ashlie Kuli	Principal Component Analysis of mRNA Levels of Genes Related to Inflammation and Fibrosis in Rats Treated with 2,4,6-Trinitrobenzene Sulfonic Acid or Glutamine
Landon Lasseter	Iron Chelation of Bryostatin
Heera Malik	Effect of BP Oil Spill on Diatoms at Choctawhatchee Bay
Jennifer Newsome	Mechanisms of Ovotestis Development in <i>Kryptolebias marmoratus</i>
Lance Perry	Cloning, Sequencing, and Phylogenetic Comparison of the Vasa Gene from <i>Kryptolebias marmoratus</i>
Stephanie Yarbrough	A Floristic Inventory and Description of Plant Communities of Grand Bay Wildlife Management Area, Moody Air Force Base, and Adjacent Areas