

VSU Biology Department presents

## Second Annual Graduate Student Research Symposium

Friday, September 16, 3:00 – 6:00 PM

Schedule:

Oral Presentations: BSC 2022

Time	Student	Title
3:15	Lynda Bernhardt	The impact of color on egg laying rates and outcrossing of <i>Kryptolebias marmoratus</i>
3:30	Tatyana Nienow	Functional characterization of calsequestrin in the killifish <i>Fundulus heteroclitus</i>
3:45	Lance Perry	Cloning and sequencing of the <i>vasa</i> gene from <i>Kryptolebias marmoratus</i>
4:00	Stephanie Nichols	A floristic inventory and description of plant communities of Grand Bay Wildlife Management Area, Moody Air Force Base, and adjacent areas
4:15	Ashlie Kuliyy	Statistical analysis of sequence characteristics of single transmembrane custer of differentiation proteins: a study of functional relevance
4:30	Landon Lasseter	Computational studies on Cu-Taxol complexes
4:45	Arjun Adhikari	Impact of the BP oil spill and dispersants on diatom communities: a taxonomic study
5:00	Ashley Kirkley	Biogeography and population genetic structure of the water moccasin, <i>Agkistrodon piscivorus</i> , in the Alapahoochee watershed
5:15	Heera Malik	A study on community structure of diatoms of Choctawhatchee Bay after the BP oil spill

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

Student	Title
Ryan Bare	The ecological effects of bifenthrin barrier treatments, at recommended application rates, on non-target arthropods in southern Georgia
Adarsh Gopinath	Relationship between <i>cnr1</i> gene variation and behavioral differences among <i>Kryptolebias marmoratus</i> laboratory isogenic lines
Josh Salter	The effects of aquatic vegetation on fish assemblage structure
Bucky Shiver	Quantification of the oxygen binding proteins myoglobin and hemoglobin in the mangrove killifish, <i>Kryptolebias marmoratus</i> , during emersion
Sofia Sucar	A forward genetic screen for zygotic and sterile mutants in the Mangrove Killifish ( <i>Kryptolebias marmoratus</i> )
Charles Wright	An assessment of the anthropogenic effect of bridges on fish assemblages
Will Wright	Monitoring gopher tortoise activity at Moody Air Force Base