

Summer 2016 SURCA Award Recipients

Project	Faculty	Student(s)	Department(s)
What is Special about Isoleucine in Membrane-Binding Peptides?	Antje Almeida	Mia Rosenfeld	Chemistry & Biochemistry
Government-Based Volunteer Programs in the New Millennium: Public Sector Volunteers and the Attitudes towards Them	Jeff Brudney	Hannah Murphy	Public & International Affairs
Applying the Information-Motivation-Behavioral Skills model to Predict Parent/Guardians' HP Vaccination Intentions, Initiation, and Series Completion for their Adolescent Children	Hannah Catalano	Mariah Smith	Public Health Studies
Investigations into production efficiency of marine natural products from <i>Karenia Brevis</i>	Jennifer McCall	Grant Thurston	Biology & Marine Biology
Molecular Basis and Medicinal Remedies of Hereditary Cataracts	Ying Wang	Rachel Cancel Jacob Rowe (GA)	Chemistry & Biochemistry
Development of a High Resolution Calorimeter at Jefferson National Lab	Liping Gan	Joshua Crafts Kevin Cosnahan	Geography & Geology
Role of Pets in Stress and Healing Among Survivors of Domestic Violence	Lenis Chen-Edinboro	Olivia Nace	Public Health Studies
Detection of Glucose Transporters in the echolocation tissues of the bottlenose dolphin, <i>tursiops truncatus</i>: are these tissues really metabolically inert?	Heather Koopman Steve Kinsey	Tiffany Ernst	Biology & Marine Biology
How does the emergence of the Zika virus in Latin America impact family planning? A preliminary investigation in Guatemala	Michaela Howells	Michelle Pieters	Anthropology
Oyster Aquaculture and Seagrass Interactions	Amanda Dickens	Ariel Potters	Biology & Marine Biology
Statistical Applied Learning with Applications in UNCW ETEAL Assessment Data	Yishi Wang Tracy Chen	Benjamin Lewis Jessica Cook	Mathematics & Statistics

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Place-based Learning in Conservation Education: Assessing Knowledge of Wildlife and the "Visitor Experience."	Carolyn Robinson	Tara Capel	Anthropology
Climate Change Modeling with High Order Semi-Lagrangian Methods for the Shallow-Water Equations	Daniel Guo	Anthony D'Andreti Nikolai Lipscomb (GA)	Mathematics & Statistics
The Role of Outer Surface Adhesions in Biofilm Formation in <i>Flavobacterium johnsoniae</i>	Ryan Rhodes	Sydney McCune Leah Palian Mariah Tugel Brian Moy (GA)	Biology & Marine Biology
The influence of mating system variation on offspring size in a marine gastropod	Stephanie Kamel	Allison Manley Christina Salerno	Biology & Marine Biology
Impact of toxic blooms on the reproduction of the Pacific oyster (<i>Crassostrea gigas</i>) of economic interest in the bay of Brest And Physiological and behavioural phenotypic expression of the abalone <i>H. tuberculata</i>	Aswani Voley Myrina Boulais	Ashley deMay Kyle Chenevert	Biology & Marine Biology