

Spring 2016 SURCA Award Recipients

Project	Faculty	Student(s)	Department(s)
Do final test questions requiring creativity reduce stress levels and increase confidence in undergraduate STEM students?	Michaela Howells	Elizabeth Boswell Katherine Woolard Mallory Walker	Anthropology
Assessing cultural perceptions of Ebola hemorrhagic fever (EHF) in the Afrotropics	William Alexander Carolyn Robinson	Judy Huckins Hannah Salemi	Anthropology
Development and implementation of culture practices for Gammarid amphipods	Troy Alphin Martin Posey	Caroline Longerbeam	Biology and Marine Biology
Triclosan resistance in Staphylococcus Aureus isolated from UNCW nursing students	Kevin Kiser	Zachary Johannesson	Biology and Marine Biology
Interactive effects of ocean acidification and elevated temperature on the Eastern Oyster (Crassostrea Virginica)	Aswani Voley Myrina Boulais	Ashley deMey Kyle Chenevert	Biology and Marine Biology
Building international connections for the study of anthropogenic impacts in subantarctic lakes	Joseph Covi	Casey Madrigal Jason Bleau	Biology and Marine Biology
Development of calcite staining as a tool to investigate coccolithophore biomineralisation and pelagic calcification	Alison Taylor	Natalie Panasiak Michael Echevarria (Graduate Assistant)	Biology and Marine Biology
Blocking EHV-1 Induced Inflammation using specific inhibitors of host immune response genes	Art Frampton	Thomas Bailey	Biology and Marine Biology/ Chemistry and Biochemistry
Aziridine Synthesis for the treatment of human disease	Jeremy Morgan	Michael Casper Haley MacDonald	Chemistry and Biochemistry
Analytic characterization of novel chemotherapy drugs	Sridhar Varadarajan	Douglas Lasch	Chemistry and Biochemistry
Thin section analysis of sediment samples from Lapa Do Picareiro, Portugal	Michael Benedetti	Kyle Swain	Geography and Geology
Compound-specific hydrogen isotope analysis of singletary lake sediments	Chad Lane	Audrey Taylor	Geography and Geology

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Improving community self-efficacy through a community service learning project	Janna Robertson	Madyson Figlo Lauren Johnson Mikaela Kuhnel Mikayla Lecates	Madeline Ottinger Emily Parker Jenna Swink	Instructional Technology, Foundations, and Secondary Education
Guide to playing Timpani in symphonic band	John Rack	Miranda Watkins		Music
Living with volcanic hazard: Prediction uncertainty and personal protective behavior	Jennifer Horan Stephen Meinhold	Spencer Bloom Seth Penwell		Public and International Affairs
Automated procedure to study learning and memory in rodents	Mark Galizio	Katherine Dyer Samantha Hess Andrew Caliri Sara Krichbaum Angela Goolsby (Graduate Assistant)		Psychology
Therapeutic potential of novel compounds to prevent memory deficits associated with neuroinflammation	Rachel Kohman	Megan Shannahan		Psychology
Empirical investigation of the impact of the Police Activities League	Kristin Bolton Richard Pond	Ami D'Ambrosio Lauren Bruce (Graduate Assistant)		Social Work / Psychology
Black Soil: Researching the Allen Family Farm Story	Emmanual Harris II	Jasmine Beck		World Languages and Cultures
Challenges to employment in southern rural persistent poverty counties	Julia Waity Kristen DeVall	Erin Cox Geoffrey Cregan Andre Elliott Kelsey Gibbs Megan Mauldin	James Markus Hannah Paddock Halle Steensen Lindsay Topping Nicole Whaley	Sociology and Criminology
Exploring the brain's default mode network using near-infrared spectroscopy	Karen Daniels Jeffrey Toth	Nicolette Benderoth Scott Wittman Dahlia Kamel Shelby Smith	Kasey Sulovski Jessica Katschke (Graduate Assistant)	Psychology