

**2015 SURF Program
Rhode Island NSF EPSCoR**

Fellow	School	Mentor(s)	Project Title
Stephanie Andersen	URI	Steven Irvine (URI)	Gene expression changes due to climate change in a marine invertebrate
Mattea Berglund	Brown	Mark Bertness (Brown)	Will consumer driven die-off and sea-level rise synergistically destroy Narragansett Bay salt marshes?
Erin Borbee	RWU	Steven Irvine (URI)	Gene expression changes due to climate change in a marine invertebrate
Ivy Burns	URI	Lindsay Green (URI) & Carol Thornber (URI)	Tracking harmful algal blooms in Narragansett Bay via ecological and aerial technology approaches
Heather Chan	URI	Melanie Garate (URI) & Serena Moseman-Valtierra (URI)	Impacts of anthropogenic nutrient pollution on coastal marine invertebrate greenhouse gas emissions
Kelly Cribari	RWU	David Taylor (RWU)	Temperature-mediated changes in blue crab <i>Callinectes sapidus</i> abundance in the Narragansett Bay and its trophodynamic effect on winter flounder <i>Pseudopleuronectes americanus</i> populations
Francesca Cruz	URI	John Williams(RIC)	Heat Shock Proteins in <i>Geukensia demissa</i> as Indicators of Climate Change in Narragansett Bay
Sarah Falco	Bryant	Christopher Reid (Bryant)	Effect of legacy pollutants on microbial communities in Narragansett Bay watershed
Molly Fehon	RWU	David Taylor (RWU)	Temperature-mediated changes in blue crab <i>Callinectes sapidus</i> abundance in the Narragansett Bay and its trophodynamic effect on winter flounder <i>Pseudopleuronectes americanus</i> populations
Anne Filteau	PC	Lindsay Green (URI) & Carol Thornber (URI)	Tracking harmful algal blooms in Narragansett Bay via ecological and aerial technology approaches
Alison Fisher	URI	Caroline Gottschalk Druschke (URI)	Science communication outreach about coastal storm impacts in national parks
Jaclyn Friedman	URI	Rose Martin (URI) & Serena Moseman-Valtierra (URI)	How does invasive species introduction affect carbon cycling in coastal marshes?
Meagan Hackey	RWU	Avelina Espinosa (RWU)	Biochemical and behavioral analysis of AdhE enzymes from <i>Entamoeba</i> spp. in resisting environmental stresses in marine and fresh water protists
Dylan Hogan	Brown	Caroline Gottschalk Druschke (URI)	Coastal restoration case studies from the Ocean State

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Katherine Jones	SRU	Jim Chace (SRU) & David Borkman (URI-GSO)	Trophic-level responses to climate driven sea level rise and associated abiotic conditions
Elizabeth Kawa	PC	Maia Bailey (PC) & Jeffrey Markert (PC)	Feeding and aggression behaviors of local mysid shrimp
Gabrielle Kuba	SRU	J.D. Swanson (SRU)	Population genetics of the green crab due to predation
Ryan Kuehl	PC	Jeffrey Markert (PC) & Elisabeth Arevalo (PC)	Is a common sub-tropical species becoming more common in Rhode Island?
Emma Lederer	PC	Jack Costello (PC) & Sean Colin (RWU)	Population growth of the ctenophore <i>Mnemiopsis leidyi</i> in relation to temperature and prey availability
Amy Lord	RIC	Karen Almeida(RIC)	NAD Salvage pathway preference in marine organisms
Taylor Losure	URI	Dawn Cardace (URI)	Impacts of changing balances of CO ₂ and CH ₄ on seabed microbial ecosystems
Katherine Lynch	URI	Elizabeth Brannon (URI) & Serena Moseman-Valtierra (URI)	Greenhouse gas emissions from Field's Point wastewater treatment plant
Amanda McCabe	RWU	Cliff Murphy (RWU)	Development of metalloporphyrin functionalized transmissive conducting electrodes for photo- and electrochemical detection of thiocyanate in marine environments
Rhiannon Morrissey	SRU	J.D. Swanson (SRU) & Carol Thornber (URI)	The genomics of green macroalgal blooms
Daniel O'Brien	SRU	J.D. Swanson (SRU) & Carol Thornber (URI)	The genomics of green macroalgal blooms
Jillian O'Melia	PC	Jack Costello (PC) & Sean Colin (RWU)	Population growth of the ctenophore <i>Mnemiopsis leidyi</i> in relation to temperature and prey availability
Drew Phelan	Bryant	Christopher Reid (Bryant)	Effect of legacy pollutants on microbial communities in Narragansett Bay watershed
Ryan Quinn	URI	Rose Martin (URI) & Serena Moseman-Valtierra (URI)	How does invasive species introduction affect carbon cycling in coastal marshes?
Jennifer Rodriguez	RIC	John Williams(RIC)	Heat shock proteins in <i>Geukensia demissa</i> as indicators of climate change in Narragansett Bay

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Timothy Roosa	SRU	Jim Chace (SRU) & David Borkman (URI-GSO)	Trophic-level responses to climate driven sea level rise and associated abiotic conditions
Stephen Russo	RWU	Dale Leavitt (RWU) & Dave Moretti (NUWC)	Enhancing oyster settlement for aquaculture and restoration through the application of a unique underwater soundscape.
Kaylee Stanton	URI	Christopher Lane (URI)	Understanding the evolution of parasitism in red algae
Megan Sylvia	SRU	J.D. Swanson (SRU) & Carol Thornber (URI)	The genomics of green macroalgal blooms
Steven Tadros	URI	Graham Forrester (URI)	Causes of long-term declines of coral reef fish populations
Keya Thakkar	RIC	Rebeka Merson (RIC) & Diane Nacci (EPA)	Narragansett Bay apex predators' response to toxic chemicals and climate change
Christina Watts	Bryant	Dan McNally (Bryant)	The effect on microbial populations by contaminants in Blackstone River sediment under changing climatic conditions
Daniel Wolf	URI	Christopher Lane (URI)	The Bermuda Seaweed Project
Marissa Wolfe	URI	Dale Leavitt (RWU)	Augmenting shell calcification in farmed shellfish.
Tracy Yeboah	PC	Maia Bailey (PC) & Jeffrey Markert (PC)	Feeding and aggression behaviors of local mysid shrimp