

Provost Fund for Student Research 2014-2015

Round	Faculty Sponsor	Student Name(s)	Title	Conference Location	Total Approved
Fall	Margaret Case	Amy Starvish	Ideas Are Very Dangerous Things	Albuquerque, NM	
Fall	Margaret Case	Abigail DeVeuve	We're A Lot Stronger than You Say We Are!	Albuquerque, NM	
Fall	Minoo Tehrani	Linda Sok Francesca Montemorano	The Future Challenges: The Global Auto Industry	Cambridge, MA	
Fall	Minoo Tehrani	Emma Keane Nicole Williams	Latin America Free Trade Agreements: Opportunities, Issues and Future Potential	Cambridge, MA	
Fall	Nancy Breen	Edward Crosier	Fatty Acid Analysis of Tilapia	Denver, CO	
Fall	Avelina Espinosa	Steve McDonough Joshua Leitao	Detection and Identification of Biochemical Molecules Secreted by <i>Entamoeba</i> Varieties for Taxa Discrimination Based on Aggregative Behavior	Denver, CO	
Fall	Avelina Espinosa	Joshua Leitao Harsha Kumar	Isolation and purification of <i>Entamoeba histolytica</i> alcohol ddehydrogenase 2 (EhADH2) enzymatic activities and inhibition by pyrazoline derivatives	Denver, CO	
Fall	Avelina Espinosa	Kevin Schindelwig-Franca Harsha Kumar Steve McDonough	Efficiency of synthetic pyrazoline derivatives on inhibiting <i>Entamoeba histolytica</i> growth as novel treatment against amebiasis	Denver, CO	
Fall	Erica Oduaran	Ian Kieffer	Synthesis and Evaluation of Two Series of Substituted Coumarin Derivatives as Inhibitors of Monoamine Oxidase B	Denver, CO	
Fall	Erica Oduaran	Katchen Lachmayr	Investigation of <i>Nocardiodes Sp.</i> Metabolic, Structural, Biochemical Properties, and it's Potential Role in the Sulfur Cycle	Denver, CO	
Fall	Stephen O'Shea	Jayleene West	pH Profile Determination of the Cation Exchange Capacity of Heavy Metals form Estuarine Sediment and its Correlation with Outer Shell Content of Benthic Organism <i>Mercenaria mercenaria</i>	Denver, CO	
Fall	Stephen O'Shea	Stephen Russo	Contrasting the Biomimetric Reactions of Nox With Fe (III) Porphyrins and Fe (IV) Corroles	Denver, CO	
Fall	Stephen O'Shea	Kristen Audette	<i>Mercenaria mercenaria</i> a Potential Bioindicator of Heavy Metal Releases into Narragansett Bay, RI	Denver, CO	
Fall	Nancy Breen and Andy Rhyne	Mary Yurkevicius	A Comparison of the Fatty Acid Profiles of Wild Caught and Farm Raised Salmon	Denver, CO	
Fall	Andrew Rhyne	Laura Anderson	The Jewel of the Marine Aquarium Trade: The South Pacific, a source of unique biodiversity	Dublin, Ireland	
Fall	Andrew Rhyne	Amanda Jorgenson	The Marine Aquarium Biodiversity and Trade Flow Database: A new tool for monitoring the global trade in coral reef species	Glasgow Scotland	
Fall	Scott Rutherford	Pandora Wadsworth	Using subsurface drifters to model currents in Narragansett Bay	Monterey Bay, CA	
Fall	Roxanna Smolowitz	Alexandra Brown	Detection of <i>Vibrio parahaemolyticus</i> and <i>Vibrio vulnificus</i> in oyster tissue, sediment, and water samples and their correlation to cholorophy II levels throughout RI and MA	Monterey Bay, CA	
Fall	Roxanna Smolowitz	Chris Materna	The results of trematode parasitic infection in <i>Mytilus edulis</i>	Monterey Bay, CA	
Fall	Gokhan Celik	Pedro Ortiiz Joshua Snarski Steven Pulver Brandon DaSilva Marissa Bottai Jorge Saenz	ASC Student Competition - Design/Build Team	Morristown, NJ	

Fall	Amine Ghamen	Rebecca Rokicki Alexander Bradley Anthony Competiello Michael Orlando Brian Cheney Antonia Papadopoulos	ASC Region 1 Heavy Civil Competition	New Jersey
Fall	Andrew Rhyne	Jacqueline Mitchell	the Beaufort Lab Algal Eating contest: filtration rates of diploid and triploid Eastern oysters <i>Crassostrea virginica</i>	New Orleans
Fall	Andrew Rhyne	Matthew Muscara	Effect of the Knipbio meal on survival, growth, and coloration	New Orleans
Fall	Andrew Rhyne	Nitalya Wolkowicz	Modeling Individual Densities of two microalgae species, <i>Tisochrysis leuta</i> and <i>Cheatoceros muelleri</i> in a gradient diet study	New Orleans
Fall	Andrew Rhyne	Ashley Powell	Quantification of general bacteria coloney forming units and <i>Vibrio</i> sp. Colony forming units in copepod culture	New Orleans
Fall	Nicole Martino	Taylor Sambrook Derek Franzese Sean Lannon	ASCE Concrete Canoe Competition	Orono, ME
Fall	Andrew Rhyne	Avery Davis	Diet study on alternative awuaculture feeds using the smallmouth grunt (<i>Haemulon chrysargyreum</i>)	Portland, ME
Fall	Andrew Rhyne	Felicia Greco Tyler Baskin Luisa Hardy	Diet Study on Alternative Aquaculture Feeds through Microbial Biotechnology	Portland, ME
Fall	Andrew Rhyne	Alisha Patel Melanie Fuocco	Production of the fire shrimp (<i>Lysmata debelius</i>) using a closed-loop recirculating system	Portland, ME
Fall	Andrew Rhyne	Allex Gourlay Elizabeth Groover	Culture Methods of Rearing Catalina Gobies (<i>Lythrypnus dalli</i>) in Temperature Controlled Recirculating Systems	Portland, ME
Fall	Andrew Rhyne	Zachary Murphy Jake Phillips	Modular Larval Rearing System for Integrating Aquaculture in Public Aquariums	Portland, ME
Fall	Yajni Warnapala	Hy Dinh	The Numerical Solution of the Exterior Impedance (Robin) Problem for the Helmholtz's Equation via Modiifed Galerkin Method: Super Ellipsoid	San Antonio, TX
Fall	Garrett Berman	Tyler Kaiser Brittany Perriera	I Can Justify that Inconsistency! Effects of Prosecutor Justifications for Eyewitness Confidence Inflation and Epiphany Explanations	San Diego, CA
Fall	Frank DiCataldo	Jaclyn Neddenreip Cory Linder	The Recidivism of Adolescents Convicted of Homicide	San Diego, CA
Fall	Judith Platania	Kristan Russell	<i>Activating schemas through cross-examination</i> 10/20/2014 Understaind attitudes towards rape	San Diego, CA
Fall	Jennifer Pearce	Michael Antonelli	Toward THFFF for polymer analysis: Lattice Boltzmann simulations	San Francisco, CA
Fall	Jennifer Pearce	Faihan Alfahani	Separation of Polymers by Length in Rotational Flow	San Francisco, CA
Fall	Jennifer Pearce	Ryan Phelps	Design of a millifluidic device for thermophoretic analysis of biomolecules	San Francisco, CA
Fall	Jennifer Pearce	Tyler Sharby	Lattice-Boltzmann-based simulations of membrane protein dynamics	San Francisco, CA

		Timothy Pranaitis Christopher Gipen Virginia Rice Jack Hamm Nick Conner John Tuohy Catherine Smeykal Kyle Baron Robert Clarke Brendon Roderman Marc Guzzio	George Lucas Museum of Narrative Arts	San Francisco, CA
Fall	Andrew Thurlow			
Fall 2014 Totals				\$33,153