2018 May Grant Report

Project Title	Investigator	Sponsor Name	Award Amount
Network Design: Network Infrastructure to Support Computational	Segee, Bruce Letourneau, Jeffrey	Colby College National Science Foundation	$86,912
Geological History Constraints on the Magnitude of Grounding Line Retreat in the Thwaites Glacier System	Hall, Brenda Campbell, Seth	NSFPLR-NERC: National Science Foundation NSFPLR-NERC: Tulane University	$109,362
Catalytic Conversion of Lignocellulosic Biomass into Furfural and Dissolving Pulp using Green Solvents	Schwartz, Thomas Pendse, Hemant	Glucan Biorenewables, LLC National Science Foundation	$150,000
Reconciling multiple stakeholders in rockweed habitats: Science to help achieve intersecting goals of a fishery and coastal wildlife	Klemmer, Amanda Strong, Aaron Olsen, Brian	US Dept of Commerce	$71,945
Tunable, biorenewable thermoplastics from 5-hydroxymethylfurfural and lignin	Gramlich, William Schwartz, Thomas	US Dept of Agriculture	$500,000
The role of G alpha signaling in gradient tracking	Khalil, Andre Kelley, Joshua	US Dept of Health & Human Services	$424,438
Environmental change and extinction on the mammoth steppe	Gill, Jacquelyn	CAREER: National Science Foundation	$284,605

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Developing Nanostructured Biobased Nanocellulose Polymer Films For Improved Food Packaging	Gardner, Douglas Wang, Jinwu	US Dept of Agriculture	$471,661
An Unprecedented 3500 years of European History and Environmental Change Arcadia Reference AC3450	Mayewski, Paul	Harvard University Arcadia Fund	$92,500
Migratory characterizations of Atlantic salmon smolts and adults in the Penobscot River, Maine Yr2	Zydlewski, Joseph	US Dept of Commerce ME DEPT of Marine Resources	$124,739
Telemetry monitoring of upstream migrants in the Penobscot River	Zydlewski, Joseph	Nature Conservancy US Dept of Commerce	$62,135
Marine Extension Off-Campus 2018-2022 (Inc No 1)	Bisson, Sarah	US Dept of Commerce	$176,132
Pingree and Sunrise Conservation Easement Monitoring	Sandilands, David	New England Forestry Foundation	$73,256
Predicting the sensitivity of boreal lake ecosystems to climate change Yr2	Saros, Jasmine	US Dept of the Interior	$51,205
US Air Force Academy IPA	Killinger, Margaret	US Dept of Defense	$132,993