



Project Title	Principal Investigator	Sponsor Name	Award Amount
A novel approach to expand our understanding of alfalfa hay spoilage and improve the efficacy of hay preservatives	Juan Romero Seanna Annis	US Dept of Agriculture	\$668,456
A20B-T018: Tool Informed by Geomaterial Microstructure to Predict Electromagnetic Properties	Brett Ellis Bruce Segee	Cornerstone Research Group US Dept of Defense	\$145,000
Business Agriculture and Rural Development Technical Assistance Pipeline	Stephanie Welcomer Erin Carter	Small Business Administration	\$292,000
Collaborating Towards Increased Climate Resiliency and Adaptation for Mobile Home Park Communities in Maine, New Hampshire, and Vermont	Sean Birkel	US Dept of Commerce	\$79,382
Collaborative Proposal: Testing next generation measurements techniques for reconstruction of paleoclimate archives from thin or disturbed ice cores sections	Andrei Kurbatov	National Science Foundation	\$249,851
Collaborative Research: An open, platform-agnostic sediment trap controller and imaging sensor	Margaret Estapa Nils Haentijens	National Science Foundation	\$654,518
Collaborative research: Developing, testing, and disseminating reasoning chain construction tools for use in physics and chemistry	MacKenzie Stetzer Mitchell Bruce	National Science Foundation	\$470,673
Collaborative Research: Understanding biophysical drivers of the CH4 source sink transition in Northern Forests	Shawn Fraver	National Science Foundation	\$239,679
Community Science to Support Sustainable and Local Seafood Production in Maine	Heather Leslie Joshua Stoll Sarah Risley	US Dept of Commerce	\$281,653
Comparing the biological and economic performance of rigid trays and lantern nets for the nursery culture of Atlantic Sea Scallops (Placopecten magellanicus)	Damian Brady Dana Morse	Atlantic States Marine Fisheries Commission US Dept of Commerce	\$85,570
Dating englacial unconformities at Mt. Waesche, West Antarctica	Seth Campbell Dominic Winski Robert Ackert	National Science Foundation	\$77,865
Golden & Blue Winger Warbler Habitats & Populations, Fort Drum	Amber Roth	US Dept of Defense	\$92,151
Investigating how Mylpf-regulated sarcomere formation influences limb skeletal development	Jared Talbot	US Dept of Health & Human Services	\$429,221
Knowledge-Driven Lifelong Learning to Enhance Sustainability	Salimeh Yasaei Sekeh	Cisco Research	\$70,047
Maine Access to Inclusive Education Resources: MAIER	Sarah Howorth	ME Dept of Education	\$631,965



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		US Dept of Education	
Maine Educational Opportunity Center 21-26	Karen Keim	US Dept of Education	\$782,801
MCA: Crossing disciplines to link nutrients in tree canopy, soils, and stream water to mineral weathering in a tropical forest	Amanda Olsen	National Science Foundation	\$311,135
Mechanisms of cetylpyridinium chloride inhibition of immune cell function	Julie Gosse Samuel Hess	US Dept of Health & Human Services	\$426,405
MRI: Acquisition of LA-HR-ICPMS Instrumentation for Climate, Environmental, Ecosystem, and Engineering Research at the University of Maine	Karl Kreutz Katherine Allen Andrei Kurbatov Paul Mayewski Sharmila Mukhopadhyay	National Science Foundation	\$661,462
NRT-NNA: Systems Approaches to Understanding and Navigating the New Arctic (SAUNNA)	Jasmine Saros Lee Karp-Boss Paul Mayewski Kathleen Bell Darren Ranco	National Science Foundation	\$299,041
Probiotics for improving sea scallop (Placopecten magellanicus) hatchery success	Timothy Bowden Jennifer Perry	US Dept of Commerce	\$299,992
RII Track-2: Explainable and Adaptable Artificial Intelligence for Advanced Manufacturing	Yifeng Zhu Brett Ellis Chaofan Chen Liping Yu Vikas Dhiman John Belding Bruce Segee Todd Gabe Andrew Crawley Rebecca Colannino	National Science Foundation	\$3,000,000
SUDORS Data to Action	Marcella Sorg Jamie Wren	ME Attorney General ME Dept of Health and Human Services US Dept of Health & Human Services	\$90,000
Technologies for Low-Logistic, Rapidly-Deployable Novel Materials and Structural Systems	Eric Landis Roberto Lopez-Anido William Davids Douglas Gardner	US Dept of Defense	\$1,750,000

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	Cody Sheltra Yousoo Han Habib Dagher Neil Fisher Kimberly Huguenard Jennifer Ross Justin Lapp		
Thermal Regeneration of PFAS-laden Granular Activated Carbon presents an Opportunity to Break the Forever PFAS Cycle	Onur Apul	National Science Foundation	\$250,000
Understanding behavior and survival of Atlantic salmon kelts	Joseph Zydlewski	ME DEPT of Marine Resources	\$86,758

This report features a sample of grants awarded to University of Maine researchers and is not a comprehensive list.