

Funding Agency/Organization	Name	Division	Department	Project Title	Amount	Beginning Date	Ending Date
Air Force Office of Scientific Research	Chun Wai Liew	Natural Sciences	Computer Science	There Is More To The Data - Finding The Hidden Pieces of Knowledge	\$ 210,000	15-Sep-23	14-Sep-26
American Council of Learned Societies	Xu Ma	Arts & Humanities	Religious Studies	Boudoir, Buddha, and Body: Re-Imagining Social and Religious Spaces for Women in Late Imperial China	\$ 45,000	1-Sep-23	31-May-24
Bucknell University (subaward) National Science Foundation	Sarah Appelhans	Engineering	Engineering Studies	IUSE/PFE: RED Innovation: Enabling Convergence in Undergraduate Engineering through Structural Change	\$ 49,413	1-Jul-23	30-Jun-25
Lieber Institute, Inc (subaward) National Institute of Mental Health	Henry Hallock	Natural Sciences	Neuroscience	Molecular, cellular and physiological correlates of sustained attention in the locus coeruleus to anterior cingulate cortex circuit	\$ 231,785	13-Sep-23	12-Sep-25
National Science Foundation	Christian Lopez Bencosme	Natural Sciences	Computer Science	Collaborative Research: Adaptable Game-based, Interactive Learning Environments for STEM Education (AGILE STEM)	\$ 149,992	15-Sep-23	31-Aug-26
National Science Foundation	Brooks Thomas	Natural Sciences	Physics	RUI: Implications of Non-Minimal Dark Sectors	\$ 150,000	1-Aug-23	31-Jul-26
National Science Foundation	Farhan Abedin	Natural Sciences	Mathematics	Collaborative Research: Parabolic Monge-Ampère Equations, Computational Optimal Transport, and Geometric Optics	\$ 184,593	15-Jul-23	30-Jun-26
NCMA Education & Research Foundation	Michael McGuire	Engineering	Civil and Environmental Engineering	Response of Geogrid-Reinforced Segmental Retaining Walls Subjected to Post and Beam Barrier Loading	\$ 119,514	1-Oct-23	31-Oct-25
New Grants from Jul 1, 2023 – Oct 1, 2023					\$ 1,140,297		

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Air Force Office of Scientific Research	Chun Wai Liew	Natural Sciences	Computer Science	Conversations Between Man and Machine	\$ 300,250	1-Sep-20	31-Aug-23
Alan '56 & Wendy Pesky Foundation	Lisa Gabel	Natural Sciences	Neuroscience	Genes to behavior: Unlocking the code for early detection of reading disorder	\$ 95,350	1-Dec-17	ongoing
American Chemical Society	Melissa Gordon	Natural Sciences	Chemical and Biomolecular Engineering	Fundamental Studies of CO2-Switchable Polymer Swelling	\$ 55,000	1-Jul-20	31-Aug-23
American Chemical Society	Daniel Griffith	Natural Sciences	Chemistry	Tropone Iron Tricarbonyl as a Platform for the Synthesis of aza-Polycyclic Molecules	\$ 55,000	1-Sep-18	31-Aug-22
Brain and Behavior Research Fund	Henry Hallock	Natural Sciences	Neuroscience	Neural correlates of sustained attention during touchscreen-based cognitive testing	\$ 70,000	15-Jan-21	14-Jan-23
Commonwealth of Pennsylvania, Department of Transportation	David Mante	Engineering	Civil and Environmental Engineering	Revision and Flexural Capacity Validation of Standard PennDOT Precast Bridge Deck Panel Joint	\$ 308,952	1-Aug-22	31-Jan-25
Copenhagen Business School (Funded through the Packard Foundation)	Caleb Gallemore	Social Sciences	International Affairs	No Trees, No Future - Unlocking the full potential of conservation finance (CF Future)	\$ 27,567	1-May-22	30-Apr-25
Copenhagen Business School	Caleb Gallemore	Social Sciences	International Affairs	The paradoxes of climate smart coffee (PACSMAC)	\$ 32,402	4-Jan-21	31-Mar-26
Dreyfus Foundation	Lindsay Soh	Engineering	Chemical and Biomolecular Engineering	Designing Sustainable Biorefinery Products and Processes using Green Chemistry and Engineering	\$ 75,000	27-Oct-20	26-Oct-25
Dreyfus Foundation	Justin Hines	Natural Sciences	Chemistry	Impact of Amino Acid Content on Amyloid and Molecular Chaperone Interactions in Live Cells	\$ 60,000	1-Aug-18	31-Jul-23
Geo-Institute of The American Chemical Society	Michael McGuire	Engineering	Civil and Environmental Engineering	Development of GeogridBridge3 for design of column-supported embankments and incorporation into GeoTechTools	\$ 5,000	1-Oct-21	30-Sep-22
Google University	Justin Smith	Natural Sciences	Computer Science	Exploring and Boosting Ethical Signals in Data-Driven Software Communities (Research Scholar Award)	\$ 30,000	1-Jun-22	31-May-23

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National Aeronautics and Space Administration	Stephanie Douglas	Natural Sciences	Physics	The impact of companions on stellar rotation: a case study in the benchmark Praesepe open cluster	\$ 89,131	24-Feb-21	23-Feb-23
National Institutes of Health Eunice Kennedy Shriver National Institute of Child Health & Human Development	Lauren Myers	Natural Sciences	Psychology	Using structured video chat to improve relationships between young children and remote grandparents	\$ 406,410	10-Aug-22	31-Jul-25
National Institutes of Health National Institute of General Medical Sciences	Justin Hines	Natural Sciences	Chemistry	J-Protein Regulation of Yeast Prion Propagaion (renewal)	\$ 442,683	1-Aug-21	31-Jul-24
National Renewable Energy Lab	David Brandes	Engineering	Civil and Environmental Engineering	Joint Appointment (Fellowship)	\$ 62,991	15-Aug-21	31-Dec-22
National Science Foundation	Daniel Turek	Natural Sciences	Mathematics	Collaborative Research: Enabling Hybrid Methods in the NIMBLE Hierarchical Statistical Modeling Platform	\$ 69,878	15-May-23	30-Jun-25
National Science Foundation	Tamara Carley	Natural Sciences	Geology	Collaborative Research: What lies beneath: An investigation of subglacial silicic magma systems (Vatnajokull, Iceland)	\$ 238,445	1-Aug-22	31-Jul-25
National Science Foundation	Tamara Carley	Natural Sciences	Geology	NSF GEO-NERC: Collaborative Proposal: A general model for bubble nucleation and growth in volcanic systems	\$ 157,232	1-Aug-22	31-Jul-25
National Science Foundation	Melissa Galloway	Natural Sciences	Chemistry	RUI: Chemical phenomena of complex carbonyl-ammonium aqueous aerosol mimics	\$ 327,192	1-Aug-22	31-Jul-25
National Science Foundation	Michael Nees	Natural Sciences	Psychology	WORKSHOP: Virtual Student Doctoral Consortium ("Think Tank") at the ICAD 2022 Conference	\$ 1,650	1-Jul-22	31-Dec-22
National Science Foundation	Jeffrey Liebner Qin Lu	Natural Sciences	Mathematics	REU Site: Undergraduate Research in Mathematics, Applied Mathematics, and Statistics at Lafayette College	\$ 334,620	1-May-22	30-Apr-25

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National Science Foundation	Joseph Woo	Engineering	Chemical and Biomolecular Engineering	ERI: Direct Photochemistry Effects on Carbonyl/Ammonium-derived Aqueous Secondary Organic Aerosol	\$ 199,957	1-Apr-22	31-Mar-24
National Science Foundation	Melissa Gordon	Engineering	Chemical and Biomolecular Engineering	CAREER: Gas-regulated Mechanochemical Activation for Bio-inspired Responses in Polymer Networks	\$ 600,000	1-Apr-22	31-Mar-27
National Science Foundation	Kristen Sanford	Engineering	Civil and Environmental Engineering	Expanding The Capacity Of The Center for Infrastructure Transformation and Education Through Integrating Diversity, Equity, and Inclusion into Infrastructure Education	\$ 60,899	1-Oct-21	30-Sep-24
National Science Foundation	Michael Bertucci	Natural Sciences	Chemistry	CAREER: Designing Quorum Sensing Modulators for Lactobacillus plantarum to Probe Interspecies and Host-Microbe Interactions	\$ 496,758	15-Aug-21	31-Jul-26
National Science Foundation	Christa Kelleher	Engineering	Civil and Environmental Engineering	Collaborative Research: Where does the water go: Improving understanding of streamaquifer-atmosphere interactions around Beaver Dam Analogues	\$ 278,278	1-Jan-21	31-May-24
National Science Foundation	James Dearworth Zoe Boekelheide Tamara Carley	Natural Sciences	Biology Physics Geology	MRI: Acquisition of a Carl Zeiss EVO SEM (Scanning Electron Microscope) at Lafayette College	\$ 563,976	30-Sep-20	30-Sep-24
National Science Foundation	Brooks Thomas	Natural Sciences	Physics	RUI: New Directions in Dark Matter and Cosmology	\$ 135,000	15-Aug-20	31-Jul-24
National Science Foundation	Ryan Van Horn	Engineering	Chemical and Biomolecular Engineering	RUI: Metastability of Crystals in Double Crystalline PEO-b-PCL Films and Their Role in Transport Properties	\$ 260,000	31-May-20	31-May-24
National Science Foundation	Lindsay Soh Melissa Gordon	Engineering	Chemical and Biomolecular Engineering	RUI: Collaborative Research: Greener Processes for the Sustainable Production of Bio-Based Photocurable Polymers	\$ 161,998	31-Dec-19	31-Dec-23

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Northeastern University (subaward) National Institute of Neurological Disorders and Stroke	Luis Schettino	Natural Sciences	Psychology	Planning and Updating in Frontoparietal Networks for Grasping	\$ 84,662	1-Jan-21	31-Dec-25
Oregon State University (subaward) National Science Foundation	David Nice	Natural Sciences	Physics	The NANOGrav Physics Frontiers Center	\$ 573,755	1-Apr-21	31-Mar-26
Organic Syntheses	Daniel Griffith	Natural Sciences	Chemistry	Tricarbonyl(tropone)iron as a versatile building block for synthesis of diverse, polycyclic, alkaloid-like scaffolds	\$ 16,000	1-Jun-23	31-Aug-24
Research Corporation	Chip Nataro	Natural Sciences	Chemistry	Reaction of palladium dimers with Bis(phosphino) ferrocene ligands with monodentate phosphines	\$ 5,000	1-Aug-22	ongoing
Sexual Violence Law Center	Dana Cuomo	Social Sciences	Women's, Gender & Sexuality Studies	The 1320 Project	\$ 6,000	1-Aug-22	31-Jul-25
The Pennsylvania State University (subaward) Commonwealth of PA: Department of Health	Carlos Tavares	Social Sciences	Anthropology and Sociology	PSP Airbag Testing	\$ 22,416	9-Sep-23	1-May-23
University of Wisconsin, Madison (subaward) National Science Foundation	David Nice	Natural Sciences	Physics	NANOGrav Physics Frontier Center	\$ 847,775	1-Apr-15	30-Sep-22
Total Grants from Jul 1, 2022 – Jun 30, 2023					\$ 7,557,227		

Abbreviations:

GEO-NERC – Directorate for Geosciences - Natural Environment Research Council

RUI – Research in Undergraduate Institutions

REU – Research Experiences for Undergraduates

ERI – Engineering Research Initiation

MRI – Major Research Instrumentation