

Funding Agency/Organization	Principal Investigator(s)	Department	Project Title	Amount	Beginning Date	Ending Date
National Science Foundation	Michael Nees	Psychology	WORKSHOP: Virtual Student Doctoral Consortium ("Think Tank") at the ICAD 2022 Conference	\$ 1,650	1-Jul-22	31-Dec-22
National Science Foundation	Tamara Carley	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	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	Chemistry	RUI: Chemical phenomena of complex carbonyl-ammonium aqueous aerosol mimics	\$ 327,192	1-Aug-22	31-Jul-25
Commonwealth of Pennsylvania, Department of Transportation	David Mante	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
Sexual Violence Law Center	Dana Cuomo	Women's, Gender and Sexuality Studies	The 1320 Project	\$ 6,000	1-Aug-22	31-Jul-25
Research Corporation	Chip Nataro	Chemistry	Reaction of palladium dimers with Bis(phosphino) ferrocene ligands with monodentate phosphines	\$ 5,000	1-Aug-22	
National Institutes of Health Eunice Kennedy Shriver National Institute of Child Health & Human Development	Lauren Myers	Psychology	Using structured video chat to improve relationships between young children and remote grandparents	\$ 406,410	10-Aug-22	31-Jul-25
			<b>New Grants from Jul 1, 2022 - Oct 1, 2022</b>	<b>\$1,450,881</b>		

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Air Force Office of Scientific Research	Chun Wai Liew	Computer Science	Conversations Between Man and Machine	\$ 300,250	1-Sep-20	31-Aug-23
Alan '56 & Wendy Pesky Foundation	Lisa Gabel	Psychology and Neuroscience	Genes to behavior: Unlocking the code for early detection of reading disorder	\$ 95,350	1-Dec-17	ongoing
American Chemical Society	Daniel Griffith	Chemistry	Tropone Iron Tricarbonyl as a Platform for the Synthesis of <i>aza</i> -Polycyclic Molecules	\$ 55,000	1-Sep-18	31-Aug-22
American Chemical Society	Melissa Gordon	Chemical and Biomolecular Engineering	Fundamental Studies of CO <sub>2</sub> -Switchable Polymer Swelling	\$ 55,000	1-Jul-20	31-Aug-22
Brain and Behavior Research Fund	Henry Hallock	Neuroscience	Neural correlates of sustained attention during touchscreen-based cognitive testing	\$ 70,000	15-Jan-21	14-Jan-23
City Center Allentown	Rexford Ahene	Economics	Fundamentals of Real Estate Investment Feasibility Analysis 2021 City Center-Allentown	\$ 4,400	1-Oct-21	3-Mar-22
Copenhagen Business School	Caleb Gallemore	International Affairs	The paradoxes of climate smart coffee (PACSMAC)	\$ 32,402	4-Jan-21	31-Mar-26
Copenhagen Business School (funded by the Packard Foundation)	Caleb Gallemore	International Affairs	No Trees, No Future - Unlocking the full potential of conservation finance (CF Future)	\$ 27,567	1-May-22	30-Apr-25
Department of Defense Congressionally Directed Medical Research Programs	Khadijah Mitchell	Biology	Biological Determinants of Kidney Cancer Health Disparities	\$ 75,000	1-Sep-19	31-Jul-21
Dreyfus Foundation	Lindsay Soh	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	Chemistry	Impact of Amino Acid Content on Amyloid and Molecular Chaperone Interactions in Live Cells	\$ 60,000	1-Aug-18	31-Jul-23

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Geo-Institute of The American Chemical Society	Michael McGuire	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		Exploring and Boosting Ethical Signals in Data-driven Software Communities (Research Scholar Award)	\$ 30,000	1-Jun-22	31-May-23
Lehigh University (subaward) National Science Foundation	Jamila Bookwala	Psychology	Patriot League Institutions Mentor Associate Professors WISEly	\$ 28,620	1-Sep-15	30-Aug-21
National Aeronautics and Space Administration	Stephanie Douglas	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, National Institute of General Medical Sciences	Justin Hines	Chemistry	J-Protein Regulation of Yeast Prion Propagation (renewal)	\$ 442,683	1-Aug-21	31-Jul-24
National Institutes of Health, National Institute of General Medical Sciences	Justin Hines	Chemistry	J-Protein Regulation of Yeast Prion Propagation	\$ 394,870	1-Sep-17	31-Aug-21
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health & Human Development	Lisa Gabel	Psychology	Genes to behavior: Unlocking the code for early detection of reading disorder	\$ 374,137	1-Sep-17	31-Aug-21
National Renewable Energy Lab	David Brandes	Economics	Joint Appointment (Fellowship)	\$ 62,991	15-Aug-21	30-Jun-22
National Science Foundation	Melissa Goon	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	Michael Bertucci	Chemistry	CAREER: Designing Quorum Sensing Modulators for Lactobacillus plantarum to Probe Interspecies and Host-Microbe Interactions	\$ 496,758	1-Aug-21	31-Jul-26

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National Science Foundation	Jeffrey Liebner Qjn Lu	Mathematics	REU Site: Undergraduate Research in Mathematics, Applied Mathematics, and Statistics at Lafayette College	\$ 334,620	1-May-22	30-Apr-25
National Science Foundation	Joseph Woo	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	Kristen Sanford	Engineering Studies	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-23
National Science Foundation	James Dearworth Zoe Boekelheide Tamara Carley	Biology Physics Geology	MRI: Acquisition of a Carl Zeiss EVO SEM (Scanning Electron Microscope) at Lafayette College	\$ 563,976	30-Sep-20	29-Sep-23
National Science Foundation	Brooks Thomas	Physics	RUI: New Directions in Dark Matter and Cosmology	\$ 135,000	15-Aug-20	30-Jul-23
National Science Foundation	Ryan Van Horn	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	30-May-23
National Science Foundation	Christa Kelleher	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	30-May-23
National Science Foundation Collaborative Research, Rowan Univ.	Lindsay Soh Melissa Gordon	Chemical and Biomolecular Engineering	RUI: Collaborative Research: Greener Processes for the Sustainable Production of Bio-Based Photocurable Polymers	\$ 161,998	31-Dec-19	30-Dec-22
National Science Foundation	Chip Nataro	Chemistry	RUI: Reactivity of compounds containing 1,1'-bis(phosphine)metallocenediyl or 1,1'-bis(phosphine)metallocene ligands	\$ 153,899	1-Jun-16	31-Aug-21
National Science Foundation	Mary Roth Laurie Caslake	Civil and Environmental Engineering Biology	RUI: Reducing Permeability in Sands Using Biofilm-Forming Bacteria and Quorum Sensing Inhibitors to Create Uniform Growth	\$ 242,073	15-Aug-16	31-Jul-21

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Northeastern University (subaward) National Institute of Neurological Disorders and Stroke	Luis Schettino	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	Physics	The NANOGrav Physics Frontiers Center	\$ 573,755	1-Apr-21	31-Mar-26
University of Wisconsin, Madison (subaward) National Science Foundation	David Nice	Physics	NANOGrav Physics Frontier Center (renewal)	\$ 847,775	1-Apr-15	30-Sep-21
United States Department of Agriculture	Manuel Ospina-Giraldo	Biology	Developing Rnai Techniques for Managing Phytophthora Infestans and P. Erythroseptica	\$ 17,442	1-Aug-18	31-Jul-21
Wenner-Gren Anthropological Research, inc	Christopher Lee Robert Blunt	History Religious Studies	The Night in Question	\$ 3,500	1-Jan-22	31-Mar-22
<b>Total Active from Jul 1, 2021 - Jun 30, 2022</b>				<b>\$ 7,291,993</b>		