

Funding Agency/Organization	Principal Investigator (PI) Department Co-PI (if applicable) Department	Project Title	Amount	Beginning Date	Ending Date
Air Force Office of Sponsored Research	Dr. Chun Wai Liew, Computer Science Dr. Robert Kurt, Biology	Conversations between Man and Machine	\$ 300,251	30-Sep-20	31-Aug-24
American Chemical Society	Dr. Melissa Gordon, Chemical and Biomolecular Engineering	Fundamental Studies of CO2-Switchable Polymer Swelling	\$ 55,000	1-Jul-20	30-Jun-22
American Council of Learned Societies	Dr. Lindsay Ceballos, History, Russian and East European Studies	Dostoevsky's Disciples: Religion and National Ideology in Russian Culture, 1881-1913	\$ 40,000	1-Jul-20	30-Jun-21
Eagleton Science and Politics Fellowship	Dr. Kira Lawrence, Geology	Inaugural Class of Eagleton Science and Politics Fellows	\$ 50,000	1-Jul-20	30-Jun-21
National Science Foundation	Dr. James Dearworth, Biology Dr. Zoe Boekelheide, Physics Dr. Tamara Carley, Geology	MRI: Acquisition of a Carl Zeiss EVO SEM (Scanning Electron Microscope) at Lafayette College	\$ 563,976	1-Oct-20	30-Sep-23
National Science Foundation	Dr. Lindsay Soh, Chemical and Biomolecular Engineering Dr. Melissa Gordon, Chemical and Biomolecular Engineering	RUI: Collaborative Research: Greener Processes for the Sustainable Production of Bio-Based Polyesters	\$ 161,998	2-Jan-20	31-Dec-22
National Science Foundation	Dr. Brooks Thomas, Physics	RUI: New Directions in Dark Matter and Cosmology	\$ 135,000	15-Aug-20	31-Jul-23
National Science Foundation	Dr. 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
Northeast Big Data Hub 2020 Seed Fund	Dr. Trent Gaugler, Mathematics	Data Education and Feminism at Lafayette and Beyond (DEFLAB)	\$ 10,000	15-Dec-20	15-May-21
The Camille and Henry Dreyfus Foundation, Inc.	Dr. Lindsay Soh, Chemical and Biomolecular Engineering	Designing Sustainable Biorefinery Products and Processes using Green Chemistry and Engineering	\$ 75,000	1-Nov-20	31-Oct-25
National Aeronautics and Space Administration	Dr. Stephanie Douglas, Physics	Constraining Stellar Rotational Evolution at the ZAMS	\$ 31,869	1-Oct-20	30-Sep-21
		Total New Awards	\$ 1,683,094		

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Air Force Office of Scientific Research	Dr. Chun Wai Liew, Computer Science Dr. Robert Kurt, Biology	Man And Machine - More Than The Sum Of The Parts	\$ 291,949	1-Aug-17	31-Jul-20
Alan '56 & Wendy Pesky Foundation	Dr. Lisa Gabel, Psychology and Neuroscience	Genes to behavior: Unlocking the code for early detection of reading disorder	\$ 95,350	1-Dec-17	30-Nov-21
American Chemical Society	Dr. Daniel Griffith, Chemistry	Tropone Iron Tricarbonyl as a Platform for the Synthesis of aza-Polycyclic Molecules	\$ 55,000	1-Sep-18	31-Aug-20
Copenhagen Business School	Dr. Caleb Gallemore, International Affairs	Roundtable on Sustainable Palm Oil	\$ 41,866	6-Jan-18	30-Jun-20
Cornell University	Dr. Andrea Armstrong, Environmental Science and Environmental Studies	Honeoye Lake Interview Data Analysis	\$ 8,000	1-Jul-19	31-May-20
Cottrell Scholars	Dr. Justin Hines, Chemistry	Catalyzing Joint Research Between Predominantly Undergraduate (PUI) and Research (R1) Institutions Through the Cottrell Scholars Collaborative	\$ 25,000	1-Sep-18	31-Aug-20
Delaware & Lehigh National Heritage Corridor	Dr. Andrea Armstrong, Environmental Science and Environmental Studies	D&L Trail Lehigh Valley Trail User Survey	\$ 5,777	1-Nov-19	30-Jun-20
Department of Defense - Congressionally Directed Medical Research Programs	Dr. Khadijah Mitchell, Biology	Biological Determinants of Kidney Cancer Health Disparities	\$ 75,000	1-Sep-19	31-Aug-21
Lehigh University – National Science Foundation Subaward	Dr. Jamila Bookwala, Dean of the Faculty, Psychology	Patriot League Institutions Mentor Associate Professors WISEly	\$ 28,620	1-Sep-15	30-Aug-21
Lehigh Valley Association of Independent Colleges	Dr. Caleb Gallemore, International Affairs Dr. Joaquín Gómez-Miñambres, Economics	Surveying Garlic Fest and Bacon Fest Survey, City of Easton	\$ 5,072	5-Jul-19	31-Dec-19
Loyola Foundation	Dr. John Kincaid, Government and Law	Meyner Oral History Project	\$ 3,000		
National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health & Human Development	Dr. Lisa Gabel, Psychology and Neuroscience	Genes to behavior: Unlocking the code for early detection of reading disorder	\$ 374,137	1-Sep-17	31-Aug-21

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National Institutes of Health, National Institute of General Medical Sciences	Dr. Justin Hines, Chemistry	J-Protein Regulation of Yeast Prion Propagation	\$ 394,870	1-Sep-17	31-Aug-21
National Institutes of Health, National Institute on Deafness and Other Communication Disorders	Dr. Tamara Stawicki, Psychology and Neuroscience	Retrograde intraflagellar transport genes in aminoglycoside-induced hair cell death	\$ 150,196	1-Sep-17	31-Aug-19
National Science Foundation, Rowan University	Dr. Lindsay Soh, Chemical and Biomolecular Engineering Dr. 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	Dr. Lindsay Soh, Chemical and Biomolecular Engineering	MRI: Acquisition of a Liquid/Supercritical Fluid Chromatography Mass Spectrometer for Energy and Environmental Research	\$ 399,999	1-Oct-16	30-Sep-19
National Science Foundation	Dr. Elizabeth McMahon, Mathematics Dr. Derek Smith, Mathematics	NSF REU Site: Undergraduate Research in Mathematics, Applied Mathematics, and Statistics at Lafayette College	\$ 274,980	1-Jun-16	31-May-21
National Science Foundation	Dr. 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	Dr. Tobias Rossman, Mechanical Engineering Dr. Daniel Sabatino, Mechanical Engineering	MRI: Acquisition of a High-Speed Laser-Based Imaging System for Fluid Mechanics, Combustion, and Physical Chemistry	\$ 527,681	1-Sep-15	31-Aug-20
National Science Foundation	Dr. Mary Roth, Civil and Environmental Engineering Dr. Laurie Caslake, 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
National Science Foundation	Dr. Brooks Thomas, Physics	RUI: Implications of Non-Minimal Dark Sectors	\$ 120,000	1-Aug-17	31-Jul-21
National Science Foundation	Dr. Ryan Van Horn, Chemical and Biomolecular Engineering	Crystallization of Biologically-Relevant Poly(ethylene oxide)- <i>b</i> -poly(caprolactone) Copolymers During Film Preparation	\$ 75,549	1-Jun-18	30-Dec-21
National Science Foundation	Dr. Jon Wallace, Electrical and Computer Engineering	MRI: Acquisition of a 4-40 GHz VNA-Based Material and Channel Sounder for Wireless Communications and Radar Research	\$ 169,545	15-Sep-17	30-Aug-19

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Oldcastle Precast	Dr. Michael McGuire, Civil and Environmental Engineering	LIDAR Scanning of Retaining Wall	\$ 6,900		
The Camille and Henry Dreyfus Foundation	Dr. 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
The Camille and Henry Dreyfus Foundation, Inc.	Dr. David Husic, Chemistry	Establishment of a Consortium for Educational and Research Opportunities in the Chemical and Molecular Aspects of Plant Science	\$ 15,000		
United States Department of Agriculture	Dr. Manuel Ospina-Giraldo, Biology	Developing Rnai Techniques for Managing Phytophthora Infestans and P. Erythroseptica	\$ 17,442	1-Aug-18	31-Jul-21
University of Wisconsin, Madison – National Science Foundation Subaward	Dr. David Nice, Physics	NANOGrav Physics Frontier Center	\$ 847,775	1-Apr-15	30-Sep-21
Whitehall Foundation	Dr. Michelle Tomaszycy, Neuroscience and Psychology	Song Quality Alters Nonapeptides in Vocal and Auditory Circuits	\$ 120,884	15-Jun-16	31-Mar-21
Total All Active Grants			\$4,747,562		

Key for Title Abbreviations: **MRI - Major Research Instrumentation**
RUI - Research in Undergraduate Institutions
REU - Research Experience for Undergraduates (from other institutions/colleges/universities)