

Faculty grants awarded after July 1, 2017

Funding Agency/Organization	Subcategory/ Outside Collaborators	Name	Department	Lafayette Co-PI	Project Title	Amount	Beginning Date	Ending Date
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
Koch Foundation		Dr. Mark Crain	Policy Studies		Regulatory Impediments to Gender Equality	\$ 40,000	1-Sep-17	31-May-18
National Endowment for the Humanities	University of Toronto	Dr. Suzanne Westfall	Theater		Records of Early English Drama: Publication of Regional Collections in a New Digital Platform	\$ 125,000	1-Oct-17	30-Sep-18
National Institutes of Health	National Institute on Deafness and Other Communication Disorders	Dr. Tamara Stawicki	Psychology		Retrograde intraflagellar transport genes in aminoglycoside-induced hair cell death	\$ 122,216	1-Sep-17	31-Aug-18
National Institutes of Health	National Institute of General Medical Sciences	Dr. Justin Hines	Chemistry		J-Protein Regulation of Yeast Prion Propagation (Renewal)	\$ 394,870	1-Sep-17	31-Aug-20
National Institutes of Health	Eunice Kennedy Shriver National Institute of Child Health & Human Development	Dr. Lisa Gabel	Psychology	Dr. Yih-Choung Yu, Electrical and Computer Engineering	Genes to behavior: Unlocking the code for early detection of reading disorder	\$ 374,137	1-Sep-17	30-Jun-20
National Science Foundation		Dr. Brooks Thomas	Physics		RUI ¹ : Implications of Non-Minimal Dark Sectors	\$ 120,000	1-Jul-17	30-Jun-20
National Science Foundation		Dr. Jon Wallace	Electrical and Computer Engineering		MRI ² : Acquisition of a 4-40 GHz VNA-Based Material and Channel Sounder for Wireless Communications and Radar Research	\$ 169,545	15-Sep-17	31-Aug-20
Alan '56 & Wendy Pesky		Dr. Lisa Gabel	Psychology and Neuroscience		Genes to behavior: Unlocking the code for early detection of reading disorder	\$ 95,350 ³	1-Dec-17	30-Nov-21
Total						\$ 1,733,067		

¹ RUI – Research in Undergraduate Institutions

² MRI – Major Research Instrumentation

³ Funds dedicated exclusively for this research project; total gift amount is \$165,000.

Active faculty grant awards from July 1, 2016 to June 30, 2017

Funding Agency/Organization	Subcategory/ Outside Collaborators	Name	Department	Lafayette Co-PI	Project Title	Amount	Beginning Date	Ending Date
American Council of Learned Societies		Dr. Christopher Phillips	English		The Hymnal Before the Notes: A History of Reading and Practice	\$ 24,000	1-Sep-16	31-May-17
Ben Franklin Technology Partners		Dr. James Ferri	Chemical and Biomolecular Engineering		Development of Lab Equipment for scCO2 Based Yard Dyeing	\$ 25,000	17-May-16	30-Nov-16
Bryn Mawr College	Department of Education	Dr. John Meier	Math		Fund for the Improvement of Postsecondary Education (FIPSE) First in the World	\$ 15,847	1-Oct-14	30-Sep-18
Dreyfus Foundation, Inc.	2015 Senior Science Mentor Award	Dr. Joseph Sherma	Chemistry		Biochemical Effects of Schistosoma mansoni and E. carponi parasites on Biomphalaria glabrata	\$ 20,000	1-Dec-15	30-Nov-17
Fulbright		Dr. Michelle Geoffrion-Vinci	Foreign Languages and Literatures		Chinese Language Teaching Assistant -	\$ 7,500	15-Aug-17	15-May-18
Lehigh University	National Science Foundation	Dr. Robin Rinehart	Dean of the Faculty/Religious Studies		Patriot League Institutions Mentor Associate Professors WISEly	\$ 28,620	15-Sep-15	31-Aug-19
Lehigh Valley Association of Independent Colleges		Dr. Christopher Ruebeck	Economics	Dr. David Shulman, Anthropology and Sociology	Survey Project: Garlic Fest and Bacon Fest	\$ 6,512	1-Oct-16	31-Oct-17
Loyola Foundation		Dr. John Kincaid	Government and Law		Meyner Oral History Project	\$ 3,000	16-Apr-13	
Minteq		Dr. Daniel Sabatino	Mechanical Engineering		Development of Prototype Graphical User Interface	\$ 10,000	17-Oct-14	14-Oct-17
NASA		Dr. James Ferri	Chemical and Biochemical Engineering		Research in Physical Sciences on Sounding Rockets and the ISS and Research in Biology on Sounding Rockets Particle Stabilised Emulsions and Foams	\$ 410,000	13-Apr-15	1-Aug-16
National Endowment for the Humanities	University of Toronto	Dr. Suzanne Westfall	Theater		Records of Early English Drama: Publication of Regional Collections in a New Digital Platform	\$ 265,000	1-Oct-15	30-Sep-17
National Endowment for the Humanities		Dr. Suzanne Westfall	Theater		Records of Early English Drama: Northumberland	\$ 25,200	14-Mar-16	14-Sep-16

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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	\$ 268,220	1-Jul-14	30-Jun-17
National Institutes of Health	Eunice Kennedy Shriver National Institute of Child Health & Human Development	Dr. Lisa Gabel	Psychology	Dr. Yih-Choung Yu, Electrical and Computer Engineering	Genes to behavior: Unlocking the code for early detection of reading disorder	\$ 374,137	1-Sep-17	30-Jun-20
National Science Foundation		Dr. Guy Hovis	Geology		RUI: Thermodynamic and Thermal Explosion Behavior of Mineral Systems	\$ 171,514	15-Jul-10	31-May-18
National Science Foundation		Dr. Chun-Wai Liew	Computer Science		Achieving Diversity Goals (S-STEM): A program to advance leadership in Eng and Comp Sci	\$ 586,500	1-Aug-10	31-Jul-18
National Science Foundation		Dr. Kira Lawrence	Geology and Environmental Geosciences		Collaborative Research: Southern Hemisphere Processes and Global Climate Change	\$ 159,291	1-Jun-13	31-May-17
National Science Foundation		Dr. David Sunderlin	Chemical and Biomolecular Engineering	Dr. Christopher Anderson, Chemical and Biomolecular Engineering	MRI: Acquisition of a Desktop Scanning Electron Microscope for Material Research	\$ 205,020	1-Sep-13	31-Aug-16
National Science Foundation		Dr. Dru Germanoski	Civil and Environmental Engineering	Dr. Michael McGuire, Civil and Environmental Engineering	MRI: Acquisition of Light-Detection and Ranging (LIDAR) System for Civil Infrastructure Research	\$ 158,605	6-Jan-14	31-May-17

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National Science Foundation	Univ. of Pitt, Yale University	Dr. Lindsay Soh	Chemical and Biomolecular Engineering		Collaborative Research: SUSCHEM: Enabling the Biorefinery: Isolation, Fractionation, and Transformation of Bio-based Feedstocks into Fuels and Chemical Products	\$ 108,710	1-Sep-14	31-Aug-18
National Science Foundation		Dr. Tobias Rossmann	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	15-Aug-15	31-Aug-18
National Science Foundation		Dr. Elizabeth McMahon	Math	Dr. Derek Smith, Math	NSF REU Site: Undergraduate Research in Mathematics, Applied Mathematics, and Statistics at Lafayette College	\$ 274,980	1-Jun-16	31-May-19
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-May-19
National Science Foundation		Dr. Mary Roth	Civil and Environmental Engineering	Dr. Laurie Caslake, Biology	RUI: Reducing Permability in Sands Using Biofilm-Forming Bacteria and Quorum Sensing Inhibitors to Create Uniform Growth	\$ 213,233	15-Aug-16	31-Jul-20
National Science Foundation		Dr. Lindsay Soh	Chemical and Biomolecular Engineering	Dr. Melissa Galloway, Chemistry	MRI: Acquisition of a Liquid/Supercritical Fluid Chromatography Mass Spectrometer ofr Engery and Environmental Research	\$ 399,999	1-Oct-16	30-Sep-19
National Science Foundation		Dr. Justin Corvino	Math		Between Geometry and Relativity	\$ 32,175	15-May-17	30-Apr-18
Northeastern University Subaward	National Institutes of Health	Dr. Luis Schettino	Psychology		Planning and Updating in Frontoparietal Networks for Grasping	\$ 14,500	9-Oct-15	31-Dec-17
Oldcastle Precast		Dr. Michael McGuire	Civil and Environmental Engineering		LIDAR Scanning of Retaining Wall	\$ 6,900		ongoing

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Penn State University	NASA – PA Space Grant Consortium	Dr. Daniel Sabatino	Mechanical Engineering	Dr. Tobias Rossmann, Mechanical Engineering	Undergraduate Research Experience in Experimental Fluid Mechanics and Advanced Laser Diagnostics at Lafayette College	\$ 8,030	9-May-16	31-Dec-16
Special Interest Group on Computer Science Education (SIGCSE)		Dr. Chun-Wai Liew	Computer Science		A Tutoring System for Black Red Trees	\$ 4,388	1-Jul-16	30-Jun-17
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		
The Camille and Henry Dreyfus Foundation, Inc.	Henry Dreyfus Teacher-Scholar Award	Dr. James Ferri	Chemical and Biomolecular Engineering		Toward Stimulus-Responsive Stability Control in Fluid/Fluid Dispersions using Functionalized Nanoparticles	\$ 60,000	1-Oct-15	30-Sep-17
University of Wisconsin, Madison	National Science Foundation	Dr. David Nice	Physics		NANOGrav Physics Frontier Center	\$ 675,659	1-Apr-15	31-Mar-20
Virginia Polytechnic Institute and State University	United States Department of Agriculture	Dr. Manuel Ospina-Giraldo	Biology		Integrated Management of Oomycete Disease of Soybean and Other Crop Plants	\$ 199,323	1-Apr-11	31-Mar-17
Whitehall Foundation		Dr. Michelle Tomaszycski	Psychology		Song Quality Alters Nonapeptides in Vocal and Auditory Circuits	\$ 120,884	10-Dec-15	31-Mar-19
West Virginia University	National Science Foundation	Dr. David Nice	Physics		An International Pulsar Riming Array For Gravitational Wave Detection	\$ 117,371	1-Aug-10	31-Jul-16
					Total	\$ 5,696,698		