Abel, Steven R; Hicks, Jennifer L and Nowak, Jeffrey A; Office of Engagement, educational studies — Fort Wayne campus, from Indiana Commission for Higher Education, $738,228, “Creating a Science, Technology, Engineering & Mathematics (STEM) Community of Practice to Support Science, Technology, Engineering & Mathematics (STEM) Teacher Retention in Indiana.”

Abu-Omar, Mahdi M and Caruthers, James M; chemical engineering, from Chevron Phillips Chemical Company, $20,000, “Kinetics of Ethylene Oligomerization to Hexene and Octene.”

Adeola, Olaiyiwola; animal sciences, from DSM Nutritional Products, Inc., $40,000, “DSM.”

Aime, Mary C; botany & plant pathology, from Inter-American Institute for Coop In Ag, $46,312, “Population Structure of the Coffee Leaf Rust Pathogen (Hemileia Vastatrix) in Jamaica.”

Ajuwon, Kolapo; animal sciences, from JBS United Inc, $4,000, “Swine Research.”

Ajuwon, Kolapo; animal sciences, from JBS United Inc, $10,000, “DSM Poultry Research.”


Allebach, Jan P; electrical & computer engineering, from Poshmark Inc, $50,000, “Automatic Tools for Evaluating and Improving Quality of Fashion Photographs.”

Allebach, Jan P; electrical & computer engineering, from Hewlett Packard, $90,000, “Training-Based Halftoning Algorithms for Better Halftone Image Quality for the HP Digital Press Phase 10.”

Allebach, Jan P; electrical & computer engineering, from Hewlett Packard, $75,000, “Training-Based Halftoning Algorithms for Better Halftone Image Quality for the HP Digital Press Phase 11.”

Applegrave, Bruce M; food science, from Impossible Foods Inc., $3,050, “Multi-Sponsored Gift - Sensory.”

Arling, Gregory W; nursing, from University of Minnesota, $52,298, “Nursing Facility Quality Measures in Pay for Performance Model Minnesota DHS Nursing Home Evaluation Project.”

Bailey, Regan K and Thuppul Varadachari, Somwynarayanan; foods & nutrition, from Tonic Life Communications, $175,306, “Dietary Perceptions and Levels of Omega-3 Fatty Acids and Vitamin D.”

Bajaj, Anil K; mechanical engineering, from Purdue Research Foundation (PRF) Summer Research Grants, $29,870, “MECH - SRG.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from Purdue Research Foundation (PRF) Summer Research Grants, $39,827, “ECEN - SRG.”

Basaran, Osman A; chemical engineering, from Shell Oil Company, $25,000, “Purdue Process Safety and Assurance Center(P2SAC).”


Beaulieu, Lionel J; Office of engagement, from Eli Lilly and Company, $4,000, “Multi-Sponsored Account (Purdue Center for Regional Development (PCRD)).”

Beaulieu, Lionel J; Kumar, Indraneel and Wilcox, Michael D; Track Express-Center for Regional Development, Office of Engagement, agriculture — administration, from Indiana Office of Community & Rural Affairs, $75,000, “Rural Housing in Indiana: Current Status, Promising Strategies & Pilot Initiative.”

Benjamin, Tamara J; horticulture & landscape architecture, from Indiana Vegetable Growers Association, $1,000, “Multi-Sponsor Voluntary Support.”

Berry, Sandra E; mathematics — Fort Wayne campus, from Indiana Campus Compact, $1,000, “Mastodon Math Mentors Making Math Meaningful (M6).”

Bertoline, Gary R; technology — administration, from Purdue Research Foundation (PRF) Summer Research Grants, $19,913, “Technology - SRG.”

Bhave, Sunil A; electrical & computer engineering, from Space and Naval Warfare Systems Center, $233,000, “Extinct: Extremely Tiny Niobate Comb Technology.”

Bhave, Sunil A; electrical & computer engineering, from University of Chicago, $225,000, “Mechanical Control of Spin-States in Silicon Carbide, Amendment 2.” (a Discovery Park award — Birck Nanotechnology Center)

Bigelow, Cale A; horticulture & landscape architecture, from Lebanon turf, $6,000, “Putting Greens Research.”


Bouman, Charles A; electrical & computer engineering, from Universal Technology Corporation, $47,000, “Point Probe Sampling for Optimized Nde Investigation, Modification2 (Grant 107646).”

Browning, Robert X; Mueller, Chad M; McLaughlin, William P and Scacco, Joshua M; political science, IT teaching & learning technologies, communication, from EdX, $100,000, “American Government AP Mooc.”

Bullock, Darcy M; civil engineering, from Indiana Department of Transportation, $130,000, “SPR-4003 Subcontract: Improving the Quality of Concrete for Indiana Department of Transportation (INDOT) Projects.”

Buzzard, Gregory T; mathematics, from Purdue Research Foundation (PRF) Summer Research Grants, $52,293, “Math - SRG.”

Caffee, Marc W; physics, from U.S. Geological Survey, $20,000, “Cooperative Ecosystem Studies Unit, Great Lakes Northern Forest.”


Campbell, Noll L; pharmacy practice, from PHS-NIH National Institute on Aging, $142,448, “Evaluating the Adverse Cognitive Effects of Medications.”

Chakravarty, Sugato; consumer science, from EdX, $50,000, “Personal Finance Mooc.”

Chandrasekar, Srinivasan and Trumble, Kevin P; industrial engineering, materials engineering, from Army Research Office, $30,000, “Fluid-Like Flow, Surface Instabilities and Folding in Metal Plasticity and Wear.”

Chang Alexander, Stewart C; consumer science & retail, from University of Rochester, $2,400, “Prognosis, Communication & Race in Advanced Cancer.”

Chaubey, Indrajeet; statistics, from Citizens for a Drug Free Ohio County, $750, “My Empowerment After School Program.”

Christian, John A; comparative pathobiology, from Western University of Health Sciences, $1,885, “Cytology Resource Center.”

Christian, John A; comparative pathobiology, from Dennis B & Janice L Denicola, $1,600, “Cytology Resource Center.”

Clase, Kari L; industrial technology, from Purdue Research Foundation (PRF) Summer Research Grants, $4,978, “ABE - SRG.”

Cleveland, William S; statistics, from Stanford University, $90,000, “D&R for Large Complex Data; Amendment 8; (Grant 106346).”

Connor, Robert J; civil engineering, from D S Brown Company, $24,000, “Voluntary Support for R. Connor.”


Cramer, William A; biological sciences, from PHS-NIH National Institute of General Medical Science, $34,650, “Trans-Membrane Signaling in the Cytochrome b6f Lipoprotein Complex.”

Cronen, Candace C; animal sciences, from World Pet Association, $20,000, “Establishing Voluntary Care Standards for Commercial Dog Breeding in Indiana.”

DeLaurentis, Daniel A; aeronautical & astronautical engineering, from Purdue University, $3,152, “EVPRP Bridge Funding: DeLaurentis.”


DeLaurentis, Daniel A; Hartman, Nathan W and Kenley, Charles R; aeronautical & astronautical engineering, computer graphics technology, industrial engineering, from Charles Stark Draper Laboratory, Inc., $200,000, “Development of Model Based Engineering (MBE) Processes.”

Deshmukh, Abhijeet R; construction engineering & management, from Purdue Research Foundation (PRF) Summer Research Grants, $14,935, “LE - SRG.”

Deshmukh, Abhijit V; industrial engineering, from GE Global Research Center, $155,000, “PRIAM Next Gen. Enterprise Architecture.”

DeWoody, James A; forestry & natural resources, from Texas Technology University, $20,000, “Western Gray Whale Biopsy Sample Analyses Program.”

Dionne, Richard M; Evans, Jeffrey J; Hickey, Kathleen M and Murray, Renee L; visual & performing arts, technology — administration, from Purdue University, $19,000, “Bodies as Music: Using Biometric and Movement Data to Compose and Adapt Music During Live Performance.”

Doerge, Rebecca W; statistics, from Purdue Research Foundation (PRF) Summer Research Grants, $19,610, “Stat - SRG.”

Doucette, Suzanne C; chemistry, from U.S. Department of Energy, $130,141, “Synthetic, Spectroscopic, and Computational Studies of Uranium Complexes Supported by Redox-Active Ligands.”

Dragnev, Peter D; Anderson, Jeffrey R and Coroian, Iuliu D; mathematics — Fort Wayne campus, from Vision Menu, $4,993, “Mathematics Support to Improve Accuracy.”

Elliott, Daniel S; electrical & computer engineering, from Purdue University, $34,122, “Research Refresh Program: Coherent Optical Interactions in Atoms and Small Molecules.”


Farkas, Brian E; food science, from Tastemakers International, $400, “Food Science Research.”

Federer, Natalie L; field extension educators, from Pulaski Alliance for Community Education, $5,920, “Pulaski Learning Network Support.”

Federer, Natalie L; field extension educators, from Arrow Head Country Resource Conserv, $2,500, “Plant a Seed to Serve a Need.”
Fentiman, Audeen W and Dunston, Phillip S; engineering education, civil engineering, from Purdue University, $150,000, “Pathways to Increased Diversity for Graduate School and the Professorate.”

Fernandez, Juan M and McFall, Tyson J; agriculture — administration, botany & plant pathology, from Purdue University, $20,001, “Diversity Transformation: the Purdue Ag Family Program a College Experience for Parents.”

Ferroli, Christina E; field extension agents, from Lilly Endowment Inc., $11,645, “Bicycle Club Program.”

Field, William E; agricultural & biological engineering, from CHS Foundation, $25,000, “CHS Gift.”


Fisher, Timothy; mechanical engineering, from Northrop Grumman Corporation, $65,000, “Northrop Grumman Gift.”

Fisher, Timothy; Heister, Stephen D and Shih, Tom I; engineering administration engineering experiment, aeronautical & astronomical engineering, from Air Force Research Laboratory, $150,000, “Center for Integrated Thermal Management of Aerospace Vehicles Grant No. 10695.” (a Discovery Park award — Birck Nanotechnology Center)

Fisher, Timothy; mechanical engineering, from Honeywell Inc., $100,000, “Integrated Thermal Management of Aerospace Vehicles Consortium Membership.”

Flaherty, Daniel P; medicinal chemistry & molecular pharmacology, from University of Rochester, $103,046, “RNase E a Novel New Gram-Negative Antimicrobial Target.”

Garcia Bravo, Jose M; engineering technology, from Sun Hydraulics Corporation, $1,000, “Contamination Test on Digital Valves.”

Garimella, Suresh V; mechanical engineering, from Laird Technologies, $7,500, “Cooling Technologies Research Center (Cling Technologies Research Center (CTRC)) 2012-2013 Membership — Memo Match for 106029.”

Garimella, Suresh V; mechanical engineering, from DuPont Central Research & Development, $7,500, “Cooling Technologies Research Center (CTRC) 2012-2013 Membership — Memo Match for 106029.”


Garrison, James L; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $203,303, “Signals of Opportunity Airborne Demonstrator (SoOp-Ad), Modification 8.”

Gaskill, Brianna N; comparative pathology, from Charles River Laboratories, $9,978, “Effects of Cage Space on Mouse Behavior.”

Ghosh, Arun K; medicinal chemistry & molecular pharmacology, from Kumamoto University, $26,457, “Development of Anti-retroviral Non-PI Agents that Penetrate Central Nervous System and Exert Potent Activity Against Various HIV-1.”

Ginzel, Matthew D; entomology, from Xavier University, $13,533, “Biology of Asian Longhorned Beetle in Ohio.”

Gondhalekar, Ameya D; entomology, from Dow Agro Sciences, $9,000, “Evaluation of a Durable Bait Tube System for Control of Subterranean Termites in the United States.”

Gounder, Rajamani P; chemical engineering, from 3M General Offices, $15,000, “3M Non-Tenured Faculty Award.”

Govindaraju, Rao S; civil engineering, from Purdue Research Foundation (PRF) Summer Research Grants, $4,978, “Civil - SRG.”

Govindaraju, Rao S; civil engineering, from Pegasus Technical Services Inc, $70,000, “Decision Support Tool for Risk-Based Watershed Health Estimation.”

Govindaraju, Rao S; civil engineering, from American Society of Civil Engineers, $6,125, “Support for the ASCE Journal of Hydraulic Engineering.”

Grant, Michael J; aeronautical & astronautical engineering, from National Institute Aerospace, $6,000, “2016 Big Idea Forum.”

Groll, Eckhard A; mechanical engineering, from Jet Propulsion Laboratory, $14,808, “Technical Review Assistance to the Moxie Experiment on the Mars 2020 Mission.”

Groll, Eckhard A; mechanical engineering, from Regal Beloit Corp, $15,000, “Multi-Sponsor Groll.”

Groll, Eckhard A; mechanical engineering, from S Ram Dynamics, $100,000, “Multi-Temperature Refrigerated Container System (Mtrcs) Analysis, Part I:Compressor Testing and System Simulations.”

Guan, Wenjing; horticulture & landscape architecture, from Monsanto Company, $2,200, “Melon Variety Evaluation.”

Guan, Wenjing; horticulture & landscape architecture, from New Avenue Productions Inc, $600, “Chris Gunter General Research Activities.”

Hall, Mark C; biochemistry, from Purdue Research Foundation (PRF) Summer Research Grants, $9,957, “Bchm - SRG.”

Hambrusch, Susanne E; computer science, from Tides Foundation, $4,400, “Voluntary Support - Ignitecs Program.”

Harbor, Jonathan M and Lifton, Nathaniel A; earth & atmospheric sciences, physics, from National Science Foundation, $36,928, “Magic-Dml: Mapping/Measuring/Modeling Antarctic Geomorphology & Ice Change in Dronning Maud Land.”

Hartman, Nathan M; Cary quadrangle, from Texton, Inc., $50,000, “Product Lifecycle Management Center of Excellence (PLM).”

Heister, Stephen D; Gore, Jay P; Carlo and Pourpoint, Timothee L; aeronautical & astronautical engineering, mechanical engineering, from Rolls-Royce, Inc., $360,000, “Purdue UTC in Advanced Thermal Management System.”


Hertel, Thomas W; agricultural economics, from Cgiar, $435, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from CGIAR (Consultative Group for International Agricultural Research), $20,000, “Global Trade Analysis Project (GTAP) Consortium.”


Higgins, Carolyn J; communication — North Central campus, from Indiana Campus Compact, $2,250, “A Team Approach: Teaching Small Group Communication through Service-Learning.”
Hirsch, Andrew S; physics, from Purdue Research Foundation (PRF) Summer Research Grants, $29,415, "PHYS - SRG."

Hogenesch, Harm and Asem, Elikplimi K; veterinary medicine — administration, basic medical science, from Merial Limited, $10,000, "Purdue University Veterinary Summer Scholars Program 2016."

Holling, Jeffrey D; entomology, from National Science Foundation, $165,510, "Collaborative Research: A landscape resistance mapping approach to understanding species invasion patterns."

Hong, Wei; foreign language & literature, from Chinese Language Council International, $35,000, "Confucius Institute at Purdue (2016 Funding)."

Hook, Tomas O; forestry & natural resources, from University of Wisconsin at Milwaukee, $50,284, "The New Lake Michigan Food Web: Establishing Links Between Nearshore Food Sources and Pelagic Fishes."

Horgan, Briony H; earth & atmospheric sciences, from National Aeronautics and Space Administration, $114,778, "Icy Environments on Mars: Investigating Glacial Weathering in Volcanic Terrains."

Hountz, Randall A; Technical Assistance Program, from Indiana State Department of Health, $60,040, "ISDH Process Improvement. " (a Discovery Park award — Regenstrief)

Hunt, Greg J; entomology, from Heartland Apicultural Society, $2,000, "Multi-Sponsor."

Ileleji, Klein; agricultural & biological engineering, from Multi-Sponsored Industries, $500, "Multi-Sponsored Gift Account."

Irazoqui, Pedro; Powley, Terry L; Ward, Matthew P; Liu, Zhongming; Robinson, Joseph P and Rickus, Jenna L; biomedical engineering, psychological science, basic medical science, from Defense Advanced Research Projects Agency, $215,503, "Suppressing Inflammation via Neuromodulation of the GI Tract."

Ishii, Mamoru; nuclear engineering, from Nuclear Regulatory Commission, $153,000, "Advanced Two-Phase Instrumentation: Experimental Support for Trace Model Development."

Jacobs, Douglass F; forestry & natural resources, from the American Chestnut Foundation, $2,000, "Voluntary Support - American Chestnut."

Johnson, Carla J; education — administration, from Battelle Memorial Institute, $111,000, "Battelle - Army Educational Outreach Program Cooperative Agreement; Subagreement 504872; Modification 1."

Johnson, David R; materials engineering, from Bechtel Group, Inc., $4,600, "Single Crystal Growth of Stainless Steel."

Johnson, William G; botany & plant pathology, from Syngenta Crop Protection Inc., $15,500, "Weed Science Research Voluntary Support."

Johnson, William G and Young, Bryan G; botany & plant pathology, from Dow Agro Sciences, $45,500, "Dow Weed Biology and Management."

Johnson, William G and Young, Bryan G; botany & plant pathology, from Syngenta Seeds, Inc., $24,000, "Syngenta Weed Biology and Management 2016."

Jones-Hall, Yava L; comparative pathology, from Indiana University Purdue University at Indianapolis, $6,000, "Mouse Phenotyping and Histopathology Contract."


Kaplan, Ian; entomology, from National Institute of Food & Agriculture, $474,632, "Farming with Phylogenetics: Can Evolutionary History Inform Crop Management."

Kim, Tae-Hoon; computer information technology — Calumet campus, from Mittal Steel Company, $9,950, "Design and Development of the Security Features in the Web Application."

Kim, Young L; biomedical engineering, from Rural Development Administration of the Republic of Korea, $50,000, "Development of Photocatalytic Multifunctional Fabrics for Pathogenic Microorganism Inactivation Using Transgenic Fluorescent Silk."

Kingsbury, Bruce A; arts & sciences administration — Fort Wayne campus, from Army Corps of Engineers, $90,998, "Improving Translocation Techniques for Wildlife on DOD Installations."

Kingsbury, Bruce A; arts & sciences administration — Fort Wayne campus, from Michigan Department of Military Affairs, $39,996, "Assessing Value of Translocation as a Tool for Managing Eastern Massasauga from High Risk Sites."

Klimeck, Gerhard; electrical & computer engineering, from Purdue University, $36,372, "Increase 206802 by $36,372.00 1516 Engineering/iCheer Graduate 2 8-72546. " (a Discovery Park award — Network for Computational Nanotechnology)

Klimeck, Gerhard; electrical & computer engineering, from Intel Corporation, $100,000, "Gift Letter from Intel Corporation."

Klimeck, Gerhard; electrical & computer engineering, from Purdue University, $32,455, "Increase Award by $32,455.20 1516 Graduate 1 Engineering/iCheer 8-72545." (a Discovery Park award — Network for Computational Nanotechnology)

Klimeck, Gerhard; electrical & computer engineering, from Ruhr University Bochum, $23,895, "Graduate Student Support."

Klimeck, Gerhard; electrical & computer engineering, from University of Wisconsin-Madison, $39,647, "NSolid State Quantum Computing Using Spin Qubits in Silicon Quantum Dots; Amendment 9 (Grant 106249). " (a Discovery Park award — Network for Computational Nanotechnology)

Kline, Nolan S and Chang Alexander, Stewart C; consumer science, from Kinley Trust, $20,000, "Determinants of Hpv Health Literacy Among Latino Migrant Farmworkers in Indiana."

Kong, Nan; biomedical engineering, from CAS Health Holdings, $5,000, "Large-Scale Mass Spectrometry Data Informatics and Analytics in Precision Medicine."

Kong, Nan; Campbell, Noll L; Zillich, Alan J and Caldwell, Barrett S; biomedical engineering, pharmacy practice, industrial engineering, from Indiana University, $73,191, "Brain Health Patient Safety Learning Laboratory."

Kosowski, Marisol; mechanical engineering, from Glaxo Smith Kline, $133,994, "Microstructural Transformation of Lactose During Micronization."
Krane, Matthew J; materials engineering, from Novelist Corporation, $50,000, “Novelis Corporation.”

Krupke, Christian H; entomology, from AMVAC Chemical Corporation, $4,000, “Krupke - Entomology - Research.”

Kuang, Shihuan; Elzey, Bennett D and Konieczny, Stephen F; animal sciences, comparative pathobiology, biological sciences, from Purdue University, $5,990, “Notch Signaling in Liposarcomas.”

Kuhn, Richard J; biological sciences, from Purdue Research Foundation (PRF) Summer Research Grants, $22,878, “BIONOL - SRG.”

Kulkarni, Milind; electrical & computer engineering, from National Science Foundation, $91,132, “Career: Toward a Locality-Enhancing Transformation Framework for Irregular Programs.”

Li, Ninghui and Proctor, Robert W; computer science, psychological science, from North Carolina State University, $89,726, “North Carolina State University Science of Security Lablet; Amendment 5: (Grant 107122).”

Li, Tongcang; electrical & computer engineering, from National Science Foundation, $96,789, “Faculty Early Career Development (CAREER): Quantum Spin-Optomechanics of Optically Levitated Nanodiamonds.”

Liceaga, Andrea M; food science, from Talking Rain Beverage Company, $1,000, “Multi-Sponsored Gift - Sensory.”

Liceaga, Andrea M; food science, from Dreampak, $2,040, “Multi-Sponsored Gift - Sensory.”

Liceaga, Andrea M; food science, from O-at-Ka Milk Products Coop, Inc., $1,000, “Multi-Sponsored Gift - Sensory.”

Liceaga, Andrea M; food science, from Impossible Foods Inc., $2,020, “Multi-Sponsored Gift - Sensory.”

Lin, Xiaojun; electrical & computer engineering, from Ohio State University, $47,395, “Exploiting the Multi-Channel Advantage for Wireless Ad Hoc Networks: Achieving Both High Throughput and Low Delay with Low-Complexity Control, Modification 2.”

Liu, Chunghorng; industrial engineering, from National Science Foundation, $150,000, “Collaborative Research: Modeling Material Microstructure Evolution and Fatigue Life of High Strength Metal Components Produced by Laser Melting Additive Process.”

Love, David J; electrical & computer engineering, from Raytheon, $33,000, “Retrodirective Array for Coherent Transmissions; Amendment 2.”

Low, Philip S; chemistry, from Hulow, $50,000, “Hurvis Malaria - Hollow Research.”

Lumkes, John H; agricultural & biological engineering, from Parker Hannifin Corp., $8,500, “Parker Laboratory Gift Account.”

Lundstrom, Mark S; electrical & computer engineering, from Semiconductor Research Corporation, $200,000, “Network for Computational Nanotechnology; SRC Contract 2013-VJ-2436; Grant 206853; Amendment No. 3.”


Marais, Karen; aeronautical & astronomical engineering, from Aireon LLC, $16,000, “Environmental Benefits of Space-Based ADS-B.”


Matson, Eric T; computer & information technology, from Cruise Automation Inc, $42,000, “Cruise Automation, Inc. Fellowship for Shiva Ghose.”

Maynard, Elizabeth T; horticulture & landscape architecture, from Indiana University, $40,265, “Specialty Crops and High Tunnels: Evaluating Success and Building Future Capacity.”

McDaniel, Rebecca S; civil engineering, from Indiana Department of Transportation, $75,000, “NCSC Base Funding.”

Mengiste, Tesfaye D; botany & plant pathology, from Purdue Research Foundation (PRF) Summer Research Grants, $4,978, “BTNY - SRG.”

Miller, Jeffrey T; chemical engineering, from Argonne National Laboratory, $10,000, “X-Ray Absorption Studies of NREL Catalysts.”

Mittal, Suresh K; comparative pathobiology, from Egyptian Cultural and Educational Bureau, $80,000, “ECCE 2015 Nehal Kamal Abd El-Sadek GM-1064.”

Morissette, Dallas T; electrical & computer engineering, from II-VI Foundation, $132,271, “Deposited Gate Oxides for Next Generation Sic Power MOSFETs.”

Morrison, Edward F and Hutcheson, John S; Track Express-Center for Regional Development, from New Jersey Institute of Technology, $104,880, “Innovation Acceleration Tools for the Marketshift Portfolio.”

Negishi, Ei-Ichi; chemistry, from Teijin Ltd, $90,000, “Teijin Limited.”

Niser, John C; consumer & family sciences — Fort Wayne campus, from Florida International University, $7,000, “HSD Consortium.”

Ogas, Joseph P; biochemistry, from National Science Foundation, $12,000, “Research Experience for Undergraduates (REU) Supplement: Understanding the Contribution of a Chromatin Remodeler to Regulation of Tissue-Specific Gene Expression in Arabidopsis Plants.”


Olenchak, F R; educational studies, from Purdue Research Foundation (PRF) Summer Research Grants, $9,957, “EDST - SRG.”

Oliver, Haley F; food science, from Diversey, Inc, $18,464, “Disinfectant Performance Curve and Contact Time of Select Pathogens.”


Patton, Venetria K; interdisciplinary studies, from Gs Bridge Assistantships, $5,697, “Harris, Tanisha.”

Patton, Venetria K; interdisciplinary studies, from Ford Marketing Institute, $7,148, “Coskun, Ers.”

Peroulis, Dimitrios; electrical & computer engineering, from Landauer Inc., $37,500, “Center for Electronic Defense Systems.”

Pipes, R Byron; materials engineering, from Dassault Systemes Inc, $50,000, “CDM HUB (Consortium).”

Pipes, R Byron; materials engineering, from Cytone Industries Inc, $50,000, “CDM HUB (Consortium).”
**Popov, Alexander K:** electrical & computer engineering, from US Army ACC-APG Adelphi Division, $139,914, "Coherent Non-linear Nanophotonics." (a Discovery Park award — Birck Nanotechnology Center)

**Pourpoint, Timothee L:** aeronautical & astronautical engineering, from Spero Energy Inc, $117,700, "Selective Catalysis for One Step Lignocellulose Delignification and Lignin Valorization to High Value Methoxyphenols.

**Prabhakar, Sunil K:** computer science, from Purdue Research Foundation (PRF) Summer Research Grants, $13,073, "CS - SRG."

**Preckel, Paul V:** agricultural economics, from American Agricultural Economics Association, $1,223, "Co-Editorship of American Journal of Agricultural Economics."

**Prokopy, Linda S:** forestry & natural resources, from Agricultural Research Service, $25,000, "Develop Guidance for Watershed Application of the Agricultural Conservation Planning Framework."

**Pujol, Santiago; Irfanoglu, Ayhan and Jahanshahi, Mohammad Reza:** civil engineering, from National Science Foundation, $48,000, "Rapid Response Research (RAPID): Collaborative Research: Investigation of Reinforced Concrete Buildings Damaged in the M6.4 Southern Taiwan Earthquake of February 2016."

**Ramathan, Shriram:** materials engineering, from Charles Stark Draper Laboratory, Inc., $30,000, "Wireless Cooling with Caloric Materials."

**Ramathan, Shriram:** materials engineering, from Office of Naval Research, $80,000, "Tunable Electronic Composites with Phase Change Materials and Controlled Disorder."

**Ratliff, Timothy L:** Cancer Research Center, from Walther Cancer Institute Foundation Inc, $750,000, "Strengthen Molecular Genetics Research at Purdue University Center for Cancer Research."

**Ren, Tong:** chemistry, from National Institute of Standards & Technology, $8,017, "Metrology of Ru2-Based Nanoelectronic Devices."

**Rholes, Jeffrey F and Bolton, J S:** mechanical engineering, from Office of Naval Research, $20,000, "Acoustics-Based Led Detection and Neutralization."

**Rholes, Jeffrey F and Bolton, J S:** mechanical engineering, from Office of Naval Research, $215,774, "Acoustics-Based Led Detection and Neutralization, Modification1."

**Ricker-Gilbert, Jacob E:** agricultural economics, from University of California — Davis, $19,980, "The Adoption and Impacts of Improved Storage Technology Among Smallholder Households in Uganda."

**Roeeman, Rachel D:** educational studies, from Elizabeth Public Schools, $5,000, "Analysis of EPS Social Network Data."

**Rokhinson, Leonid P and Lyanda-Geller, Yuli:** physics, from Office of Naval Research, $124,331, "Parafermion-Supporting Platform for Topological Quantum Information Processing."

**Rompf, Tiark:** computer science, from National Science Foundation, $98,977, "Faculty Early Career Development (CAREER): Generative Programming and DSLs for Safe Performance Critical Systems."

**Rossmann, Michael G:** biological sciences, from PHS-NIH Office of the Director, $638,825, "Structural Studies of Bacteriophage T4 and Their Potential Medical Applications."

**Roy, Kaushik:** electrical & computer engineering, from The Boeing Company, $59,828, "Integrity & Reliability of Integrated Circuits (Iris), Phase III."

**Sadeghi, Farshid:** mechanical engineering, from Cummins Business Services, $170,000, "Tribology Lab Research."

**Sands, Philip A:** computer science, from EdX, $50,000, "AP Computer Science."

**Sangid, Michael D:** aeronautical & astronautical engineering, from Rolls-Royce Corporation, $100,000, "Location-Specific Fatigue Modeling."

**Sangid, Michael D:** aeronautical & astronautical engineering, from American Light-weight Materials Manufacturing Innovation Institute, $292,500, "LIFT - TMP3a: Integration of ICME with Legacy and Novel Tmp Processing for Assured Properties in Large Titanium Structures."

**Sanmiguel, Sandra F and Parker, Lorcan C:** veterinary medicine — administration, from PHS-NIH Office of the Director, $235,549, "This is How We Role: Inspiring Future Researchers through Veterinary Medicine."

**Savaianno, Dennis A:** foods & nutrition, from National All Jersey, $1,178, "Savaianno Voluntary Support."

**Schoenlein, William E:** biomedical engineering, from Cook Research Incorporated, $64,500, "Pre-Clinical Device Testing Agreement: Studies: CI-ASCV, CI-A14V, CNAV, CI-HF1M, REG-FCMD and POC."

**Schoonmaker, Jon:** animal sciences, from Alltech, Inc, $30,433, "Effect of Select-Tc on Performance and Health Status of Receiving Cattle - Student Proposal."

**Schoonmaker, Jon:** animal sciences, from Alltech, Inc, $29,303, "Effect of Select-Tc on Performance and Health Status of Receiving Cattle."

**Selem, Mohamed:** comparative pathobiology, from Egyptian Cultural and Educational Bureau, $8,000, "Targeting Gram Positive Bacterial Pathogens."

**Semperottli, Fabio:** mechanical engineering, from University of Notre Dame, $57,101, "Multi-Resolution Functionality Graded Meta-Structures for the Passive Control of Broadband and Non-Stationary Dynamics in Thin-Walled Structures, Amendment 1."

**Shahidi, Freydoon:** mathematics, from National Science Foundation, $180,000, "Langlands Reciprocity and Automorphic Forms."

**Shih, Tom I:** aeronautical & astronautical engineering, from Ames Laboratory, $100,000, "Computational Analysis of Advanced Cooling Strategies for High-Efficiency and Long-Service Life Turbines, Amendment 19; [Grant 104396]."

**Shih, Tom I:** aeronautical & astronautical engineering, from Purdue Research Foundation (PRF) Summer Research Grants, $4,978, "AAEN - SRG."

Singh, Manpreet: food science, from Gina S. Rogers, DVM, $200, “Multi-Sponsored Gift.”

Singh, Manpreet: food science, from Robert C. or Nancy J. Pellegrino, $75, “Multi-Sponsored Gift.”

Singh, Manpreet: food science, from Three Floyds Brewpub LLC, $75, “Multi-Sponsored Gift.”

Sintim, Herman O: chemistry, from Mississippi State University, $313,344, “G-Quadruplex Topology-Selective Probes.”

Sloan, Mary Anne: global affairs, from Marion General Hospital, $2,898, “Multi-Sponsor Account I- HITEC.”

Sloan, Mary Anne: global affairs, from Kokomo Surgical Group, $1,520, “Multi-Sponsor Account I- HITEC.”

Sloan, Mary Anne: global affairs, from Midwest Neurology Associates, $760, “Multi-Sponsor Account I- HITEC.”

Sloan, Mary Anne: global affairs, from Harrison County Hospital, $4,560, “Multi-Sponsor HTAP.”

Sloan, Mary Anne: global affairs, from Family Medicine and Wellness Center, $380, “Multi-Sponsor Account I- HITEC.”

Smith, Daniel W: philosophy, from Partner University Fund, $17,515, “Analytic and French Philosophy in the 20th Century Year 3.”

Snyder, Margie E; Murawski, Matthew M; Ott, Carol A; Thomas, Joseph and Zillich, Alan J: pharmacy practice, from Community Pharmacy Foundation, $39,900, “The Impact of Community Pharmacy-Delivered Medication Synchronization on Healthcare Utilization and Costs.”

Spafford, Eugene H: computer science, from SRC Education Alliance, $60,000, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.”

Spafford, Eugene H: computer science, from Intel Corporation, $60,000, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.”

Stefanov, Plamen D: mathematics, from National Science Foundation, $250,000, “Local Inverse Problems.”

Strachan, Alejandro H: materials engineering, from Purdue University, $25,000, “C-Primed.”

Tarko, Andrew P and Thomaz, Jose E: civil engineering, from Indiana Criminal Justice Institute, $115,000, “2015-16 Indiana Safety Belts Survey and Codes Project.”


Tomar, Vikas: aeronautical & astronautical engineering, from Vanderbilt University, $120,000, “Multiscale Experiments and Modeling of the Dynamic Energetic Material Failure Including Stochastic Interfaces; Modification I (Grant 107641).”

Turco, Ronald F: agronomy, from North Dakota State University, $37,819, “Greenhouse Gas Emissions and Soil Quality in Long-Term Integrated and Transitional Reduced Tillage Organism Systems.”

Umberger, Gloria H: technology — administration, from Eaton, $6,000, “Senior Capstone.”

Umberger, Gloria H: technology — administration, from Caterpillar Inc., $6,000, “Senior Capstone.”

Umberger, Gloria H: technology — administration, from Eaton, $6,000, “Senior Capstone.”

Umberger, Gloria H: technology — administration, from Powersys LLC, $300, “Senior Capstone.”

Umulis, David M: agricultural & biological engineering, from University of Minnesota, $90,000, “Dynamic Patterns in Chemically Reacting Systems.”

Vanfossen, Philip J: curriculum & instruction, from Purdue Research Foundation (PRF) Summer Research Grants, $9,957, “EDCI - SRG.”


Weake, Vikki M: biochemistry, from PHS-NIH National Eye Institute, $381,729, “Epigenetic Regulation of Gene Expression in the Aging Eye.”

Weaver, Connie M: foods & nutrition, from Delavau LLC, $6,000, “Corporate Affiliates Fund.”

Weaver, Connie M: foods & nutrition, from Center for Magnesium and Research LLC, $1,530, “Weaver Voluntary Support.”


Wetzstein, Hazel Y: horticulture & landscape architecture, from Pom Wonderful LLC, $38,000, “Multi-Sponsored Gift Acct.”

Williams, Rod N: forestry & natural resources, from Ronald or D. Shane Breeding, $20, “Voluntary Support.”


Wise, Kiersten A: botany & plant pathology, from Monsanto Company, $4,928, “Foliar Fungicide Efficacy Against Septoria Leaf Blotch (SLB).”
Wodicka, George R; biomedical engineering, from Purdue Research Foundation (PRF) Summer Research Grants, $9,957, "BMEP - SRG."

Wood, Karl V; chemistry, from Purdue University, $96,850, "15-16 Laboratory & University Core Facility Research Equipment Program."

Wynkoop, Ryan D and McKinley, Steven K; agriculture — administration, from Kansas State University, $9,254, "2016 Air Force/4-H Partnership Youth Camp."

Xu, Dongyan; Si, Luo and Zhang, Xiangyu; computer science, from Office of Naval Research, $175,000, "A Tale of Two Systems: Bridging Statistical Learning and Formal Reasoning for Cyber Attack Detection."

Yang, Won Sik; nuclear engineering, from Argonne National Laboratory, $100,000, "Development of Enhanced Computational Capabilities for Mc2-3 and Proteus Codes."

Ye, Peide; electrical & computer engineering, from Army Research Office, $40,000, "Ballistic Phosphorene Transistor."

Ye, Yoon; industrial & physical pharmacy, from Egyptian Cultural and Educational Bureau, $60,000, "ECEB 2014 M Shaaban Taha (Increase)."

Ye, Yoon and Kim, Chang H; industrial & physical pharmacy, comparative pathobiology, from PHS-NIH National Institute of Allergy and Infectious Diseases, $232,500, "Polysaccharide-Based Endotoxin Antagonist for the Treatment of Sepsis."

Youngblood, Jeffrey P and Trice, Rodney W; materials engineering, from Rolls-Royce, Inc., $25,000, "Purdue Scrape-Off Layer (SOL)-Gel Coating for Turbine Disk."

Zavattieri, Pablo D; civil engineering, from Velcro USA Inc, $61,209, "A Multiscale Strategy for the Modeling of the Mechanical Performance of Hoop and Loop Fasteners Based on a Detachment Zone Model (Dzm). Stage III: Development Versatile Loop Generator [Grant 206870]."

Zhang, Hao; statistics, from Cook Research Incorporated, $24,552, "Cook Research Inc RA Fall 2016; Amendment 2."

Zhang, Song; mechanical engineering, from Iowa State University, $63,133, "Portable High-Speed 3-D Sensing and Imaging for Harsh Agricultural Applications; Amendment 1."

Zhao, Kejie; mechanical engineering, from 3M Pharmaceuticals, $15,000, "In-Situ Expir. & Multi-Scale Modeling."

Zhou, Chenn Q; Center for Innovation thru Visualization & Simulation, from Livermore, Lawrence National Laboratory, $124,996, "Utilizing HPC to Model the E-Iron Nugget Process."

Zhou, Chenn Q; mechanical engineering — Calumet campus, from AK Steel, $45,000, "Steel Manufacturing Visualization and Simulation Consortium (SMVSC) Membership."

Zhou, Zhi; civil engineering, from Boone County Conservation District, $5,000, "Microbial Source Tracking for Watersheds in Northern Kentucky."

Zwier, Timothy S; chemistry, from Purdue Research Foundation (PRF) Summer Research Grants, $78,440, "CHEM - SRG."

---

**Notice Regarding Sponsored Program Awards**

The Sponsored Program Awards list is generated by Sponsored Program Administration. Questions concerning the information contained in the *Dimensions of Discovery Awards* pages should be directed to Stephanie Willis at swillis@purdue.edu.