Abbott, Angela R and Eicher-Miller, Heather A; health & human sciences, foods & nutrition, from South Dakota State University, $96,261, “Voices for Food.”

Adeola, Olayiwola; animal sciences, from DSM Nutritional Products, Inc., $82,000, “DSM.”

Adeola, Olayiwola; animal sciences, from Biomatix Inc., $25,000, “Danisco.”

Alexeenko, Alina; aeronautical & astronaughtical engineering, from Purdue University, $35,400, “Rotary Piston Vacuum Pump System for High-Vacuum Facility at Aerospace Sciences Laboratory.”

Anderson, William E; Lucht, Robert P; Merkle, Charles L and Mongia, Hukam C; aeronautical & astronaughtical engineering, mechanical engineering, from National Aeronautics and Space Administration, $30,000, “Integrated Physics-Based Modeling and Experiments for Improved Prediction of Combustion Dynamics; Supplement 7, Grant 105385.”

Applegate, Todd J; animal sciences, from Evonik Corporation, $10,000, “Pyhtase in Poultry.”

Applegate, Todd J; animal sciences, from Bilsland, Winifred B. Endowment, $9,830, “Vieira, Giovana.”

Applegate, Todd J; animal sciences, from Diamond V Mills, Inc., $22,000, “Pyhtase in Poultry.”

Bahr, David F; materials engineering, from Sandia National Laboratories, $35,345, “Wear Resistant Materials for Electrical Contacts.”

Ballard, Roy W; field extension educators, from Indiana State Department of Agriculture, $39,130, “Using Technology to Increase Information Availability to Indiana Consumers and Enhance Use and Sales of Specialty Crops.”

Bane, Sally P; aeronautical & astronaughtical engineering, from Sandia National Laboratories, $25,000, “SNL Testing.”


Bayley, William G; chemistry, from Lutheran High School, $300, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Herron High School, $150, “Instrumentation Van Project.”

Beaucherie, Lionel J and Barnard, M Blayr G; Office of Engagement, from City of Madison, $2,500, “City of Madison RLF.”

Beauville, Patricia A; chemistry, from Purdue University, $81,280, “1314 Office of the Vice President for Research (OVPR) Research Core Supplement Funding Program, the AAIC — Circular Dichroism Spectorophotometer.”

Bliatchley, Ernest R; civil engineering, from NSF International, $88,841, “Tetraselmis as a Challenge Organism for Validation of Ballast Water UV Systems.”

Campanella, Osvaldo H; agricultural & biological engineering, from Blume Distillation, LLC, $4,907, “Multi-Sponsored Gift Account.”

Cappelleri, David J; mechanical engineering, from Stevens Institute of Technology, $8,287, “CACI Thunderrstorm UAV.”

Casteel, Shaun N and Kladivko, Eileen J; agronomy, from Michigan State University, $7,500, “Understanding Cover Crop Use in Soybean Production Systems.”

Chen, Qingyan; mechanical engineering, from Purdue University, $26,670, “Office of the Vice President for Research (OVPR) Bridge Funding: Chen, Qingyan.”

Christian, John A; comparative pathobiology, from Dennis B & Janice L Denicola, $1,400, “Cytology Resource Center.”

Cleveland, William S; statistics, from Stanford University, $88,187, “D&R for Large Complex Data; Amendment 3 for Grant 106346.”

Collicott, Steven H and Heister, Stephen D; aeronautical & astronaughtical engineering, from National Aeronautics and Space Administration, $129,048, “Innovations in Understanding and Modeling Cryogenic Propellants for Long-Duration Spaceflight; Supplement 1 for Grant 106851.”

Constable, Peter D; veterinary clinical science, from North Central Veterinary Emergency Center LLC, $5,400, “ECC Residency Training Program.”

Cooper, James A; electrical & computer engineering, from II-VI Foundation, $45,500, “SiO2/H-SiC Interface Optimization for Next Generation Power MOSFET.” (a Discovery Park award — Birck Nanotechnology Center)

Coppoc, Gordon L; medical education, from Indiana University School of Medicine, $5,759, “FY 13-14 Indiana University School of Medicine (IUSM)-Lafayette Student Activity Fund.”

Coppoc, Gordon L; medical education, from Indiana University School of Medicine, $24,699, “FY 13-14 Indiana University School of Medicine (IUSM)-Lafayette Student Technology Fund.”

Couetil, Laurent L and Ivester, Kathleen M; veterinary clinical science, from Central Biomedia Inc, $46,591, “Analysis of Selected Cytokines and Growth Factors Concentration in CBI Serum Samples.”

Cuza-Blanco, Alejandro and Roberts, Felicia D; foreign language & literature, communication, from Purdue University, $48,026, “Hispanic Linguistics Symposium on Nov 2014.”

De Hoop, Maarten V; mathematics, from Total S A, $40,360, “Total Sponsoring Hiring of a Researcher for Six Months.”

Deering, Amanda J; food science, from Dole, $20,000, “Multi-Sponsored Gift Account.”
DeLaurentis, Daniel A; aeronautical & astronautical engineering, from Stevens Institute of Technology, $190,574, "Assessing the Impact of Development Disruptions and Dependencies in System of Systems (SOS), RT 108.”

Dewoody, J. Andrew; forestry & natural resources, from Purdue Doctoral Program, $4,411, "Abts, Kendra C.”

Dong, Suchuan; mathematics, from Office of Naval Research, $70,000, "Wall-Bounded Turbulence in the Presence of Liquid-Gas Interface: a Phase Field-Based Method; Modification 7 for Grant 105030.”

Dunning, John B; Cassens, Daniel L; Haviarova, Eva and Saunders, Michael R; forestry & natural resources, from South Dakota State University, $112,064, "Economic and Ecological Impacts of Woody Biomass Harvest in Deciduous Forests of the Central Hardwoods Region.”

Elicker, James G; child development & family studies, from Indiana Family and Social Services Administration, $162,390, "Paths to Quality,”

Elmqvist, Lars Niklas E; electrical & computer engineering, from National Science Foundation, $84,436, "Faculty Early Career Development (CAREER): Ubilitytics: Harnessing Existing Device Ecosystems for Anywhere Sensemaking; Amendment 1 for Grant 106386.”

Esters, Levon T; Knobloch, Neil A and Martin, Marshall A; youth development & agricultural education, agriculture — administration, from Deere & Company, $74,730, "Development of Science, Technology, Engineering & Mathematics (STEM)-Based Secondary Agricultural and Life Science Education Programs in Brazil’s Southeastern Region.”

Ferroli, Christina E; field extension educators, from Indiana University Purdue University at Indianapolis, $9,861, "Program Active 2: Dining with Diabetes.”

Ferruzzi, Mario; food science, from PepsiCo Inc./World Trading Co., $10,000, "Multi-Sponsored for On-Going Research.”

Field, William E; agricultural & biological engineering, from CHS Foundation, $100,000, "CHS Gift.”

Finley, John P; physics, from Smithsonian Astrophysical Observatory, $4,680, "VERITAS: Very Energetic Radiation Imaging Telescope Array System.”

Fisher, Timothy; Heister, Stephen D and Shih, Tom I; engineering administration engineering experiment, aeronautical & astronautical engineering, from Air Force Research Laboratory, $175,000, "Center for Integrated Thermal Management of Aerospace Vehicles.” (a Discovery Park award — Birck Nanotechnology Center)

Fricke, Jon D; Labi, Samuel and Sinha, Kumaresh C; civil engineering, from Indiana Department of Transportation, $335,000, "Strategic Scheduling of Infrastructure Repair and Maintenance Funding.”

Frosch, Robert J; civil engineering, from Concrete Reinforcing Steel Institute, $5,000, “CRSI Foundation.”

Frosch, Robert J; civil engineering, from Concrete Industry Foundation Inc, $5,000, “CRSI Foundation.”

Garimella, Suresh V; mechanical engineering, from Intel Corporation, $15,000, "Cooling Technologies Research (CITR) 2012-2013 Membership — Memo Match for 106029.”

Garimella, Suresh V; mechanical engineering, from Intel Corporation, $15,000, "Cooling Technologies Research Center (CITR) 2012-2013 Membership — Memo Match for 106029.”

Garimella, Suresh V; Janes, David B; Peroulis, Dimitrios and Weibel, Justin A; mechanical engineering, electrical & computer engineering, from Defense Advanced Research Projects Agency, $268,437, "Microcooling for Intensely Concentrated Electrons (MicroICE) an Intrachip Approach; Modification 2 for Grant 106438.”

Ghiselli, Richard F; hospitality & tourism, from Angel, Steven, $3,000, "HTM Advisory Council.”

Ghosh, Arun K; medicinal chemistry & molecular pharmacology, from Kumamoto University, $320,560, "Design and Synthesis of Small-Molecule CCR5 Antagonists.”

Goergen, Craig J; biomedical engineering, from Purdue University, $17,608, "1314 Purdue Research Foundation (PRF) Research GRT.”

Goergen, Craig J; Buhman, Kimberly K and Cheng, Ji-Xin; biomedical engineering, foods & nutrition, from American Heart Association, $308,000, "Photoacoustic Imaging of Abdominal Aortic Aneurysms.”

Gotham, Douglas J and Preckel, Paul V; science — administration, agricultural economics, from Midcontinent Independent System Operator, $1,527,055, "A Proposal to Provide Independent Energy and Peak Demand Forecasts to the Midcontinent System Operator (MISO).” (a Discovery Park award — Energy Center)

Greeley, Jeffrey P; chemical engineering, from Argonne National Laboratory, $48,000, "Periodic Density Functional Theory Studies of Heterogeneous Catalysis, Battery Science, and Nanoscience.”

Greene, Christopher H; physics, from University of Maryland, $78,132, "Ultracold Molecules AFSOR-Multidisciplinary University Research Initiative (MURI).”

Groll, Eckhard A; mechanical engineering, from Whirlpool Corp, $25,000, "Multi-Sponsor Groll.”

Hacker, Thomas J; computer & information technology, from National Science Foundation, $96,320, "Faculty Early Career Development (CAREER): Aon — an Integrative Approach to Petascale Fault Tolerance; Amendment 1 for Grant 104402.”

Hall, Mark C; biochemistry, from Northwest Agriculture and Forestry University, $5,576, "Characterization of the Apple Max2 Protein.”

Hamaker, Bruce R; food science, from Daesang Corporation, $30,000, "Cereals and Processing Research.”

Hamaker, Bruce R and Reuhs, Bradley L; food science, from PepsiCo Inc./World Trading Co., $4,000, "Physico-Chemical Characterization of Dietary Fibers from Citrus Sources.”

Handa, Avtar K; horticulture & landscape architecture, from Embassy of the Arab Republic of Egypt, $10,000, "Bench Fees and Travel for Dr. Adel Hegazy.”

Handa, Avtar K; horticulture & landscape architecture, from Embassy of the Arab Republic of Egypt, $6,455, "Training Graduate Student — Amine.”

Hartman, Nathan W; computer graphics technology, from Rolls-Royce, Inc., $100,000, "Phase X Rolls Royce/Purdue Product Lifecycle Management (PLM) Collaboration Proposal.”

Hastak, Makarand; construction engineering & management, from Indiana Department of Transportation, $49,513, "Enhanced Treatment Selection for Reflective Joint Cracking in Composite Pavements Phase II.”
Heeg, Marlene O; pharmacy — administration, from Abbvie Inc, $83,890, “PeerView inPractice, Optimizing the Clinical Use of Biologics in Rheumatoid Arthritis: a Case-Based Approach to the Assessment of Disease Activity and Response to Therapy.”

Heeg, Marlene O; pharmacy — administration, from Incyte Corporation, $241,810, “The Hematology-Oncology Team in Myelofibrosis: Best Practices for Therapy and Strategies for Enhancing Patient Care.”

Heeg, Marlene O; pharmacy — administration, from Lilly (ELI) and Company, $50,000, “A 2014 National Educational Initiative on Therapeutics & Rheumatology for Rheumatology State Societies.”

Heeg, Marlene O; pharmacy — administration, from AstraZeneca Product Development, $30,000, “A 2014 National Educational Initiative on Therapeutics & Rheumatology for Rheumatology State Societies.”

Heeg, Marlene O; pharmacy — administration, from Allergan, Inc, $125,000, “Identifying and Treating Chronic and Episodic Migraine: Clinical Pearls for Diagnosis and Preventive Management.”

Hertel, Thomas W; agricultural economics, from KPMB, $19,650, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from International Trade Centre, $19,650, “Global Trade Analysis Project (GTAP) Consortium.”

Hill, Catherine A; entomology, from Entomological Society America, $7,320, “Identifying Novel Targets for Pest Control: Elucidating the Function of Orphan Proteins of the Acari (Ticks and Mites) ; Grabowski, Jeffrey.”

Hogan, Daniel F; veterinary clinical science, from Elsevier Ltd, $8,152, “Journal of Veterinary Cardiology Editorial.”

Howe, Katherine M; botany & plant pathology, from Gorden, David, $30, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from University of Illinois, $30,000, “Working Group on Invasive Plants in Trade: Strategies to Reduce the Sale of Invasive Ornamentals; Year 2.”

Howe, Katherine M; botany & plant pathology, from Goshen College, $30, “Katherine Howe Gift Fund.”

Howell, Kathleen; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $16,600, “Targeting, Guidance and Proximity Operations Near Small Bodies and Complex Multi-Body Regimes; Supplement 2 for Grant 106585.”

Huber, Jessica E; speech lang hear science, from Purdue University, $71,175, “Office of the Vice President for Research (OVPR) Bridge Funding: Jessica Huber.”

Hunt, Greg J; entomology, from National Science Foundation, $180,000, “Epigenetic Influences on the Honey Bee Transcriptome and Behavior; Amendment 1 for Grant 105813.”

Hunt, Greg J; entomology, from National Science Foundation, $125,000, “Epigenetic Influences on the Honey Bee Transcriptome and Behavior; Amendment 2 for Grant 105813.”

Ivantysynova, Monika; Lumkes, John H and Vacca, Andrea; agricultural & biological engineering, from University of Minnesota, $120,238, “Engineering Research Center (ERC) for Compact and Efficient Fluid Power.” (a Discovery Park award — Energy Center)

Jiao, Dan; electrical & computer engineering, from Intel Corporation, $29,000, “Fast and Accurate Signaling Analysis.”

Johnson, Carla J; curriculum & instruction, from Cathedral High School, $36,667, “Solid State Quantum Computing Using Spin Qubits in Silicon Quantum Dots; Amendment 4 for Grant 106249.”

Johnson, William G; botany & plant pathology, from Cheminova, Inc., $2,000, “Weed Research.”

Johnson, William G; botany & plant pathology, from Amvac Chemical Corporation, $13,000, “Weed Research.”

Johnson, William G; botany & plant pathology, from Basf Corporation, $18,800, “Weed Research.”

Judd, Carol M; field extension educators, from Indiana Farm Bureau, Inc., $244, “Incubation & Embryology School Enrichment Program.”

Kaganovich, Natalya B and Leonard, Laurence B; psychological science, speech, language and hearing sciences, from National Institutes of Health, $14,792, “Audiovisual Processing in Specific Language Impairment; Grant 106420.”

Kandil, Amr; Cai, Hubo and Manning, Fred L; civil engineering, from Indiana Department of Transportation, $200,000, “Data Integration for Pavement— from Design to Maintenance and Use of Automated Pavement Distress Data in Indiana Department of Transportation (INDOT) Pavement Management System (PMS).”

Keener, Kevin M; food science, from Insinker Division, $3,500, “Multi-Sponsored Gift.”

Keener, Kevin M; food science, from American Meat Institute Foundation, $45,288, “High Voltage Atmospheric Cold Plasma (HVACP) Treatment of Listeria Monocytogenes on Ready-to-Eat Deli-Style, Chicken Breast Meat Inside a Package.”

Keener, Kevin M; food science, from Auburn University, $47,600, “Auburn University Food Systems Initiative Competitive Grants Program Parasites in Food.”

Kelly, Brian C; anthropology, from Wenner-Gren Foundation for Anthropological Research, $17,153, “Uniting All of Peru is Not Easy: Youth and Trans-Urban Spaces of Hip Hop in Peru.”

Key, Nicole L; mechanical engineering, from Honeywell Inc., $500,000, “Preparation for the Experimental Investigation of High Speed Centrifugal Compressor Flow; Year 3.”

Key, Nicole L and Lucht, Robert P; mechanical engineering, from GE Aviation, $150,000, “Development of Non-Intrusive Laser-Based Temperature Measurementsfor Compressors.”

Kihara, Daisuke; biological sciences, from Showalter Trust, $5,000, “Showalter Trust — Kihara.”

Kim, Tae-Hoon; computer information technology — Calumet campus, from Mittal Steel Company, $5,000, “Reliable Web-Based Data System Design.”

Kinzer-Usrem, Tamara L; biomedical engineering, from Purdue University, $17,608, “13-14 Purdue Research Foundation (PRF) Research Grant.”

Klimeck, Gerhard; electrical & computer engineering, from University of Wisconsin-Madison, $36,667, “Solid State Quantum Computing Using Spin Qubits in Silicon Quantum Dots; Amendment 4 for Grant 106249.”

Klimeck, Gerhard; electrical & computer engineering, from Purdue University, $37,460, “iCHEER: Graduate Student.” (a Discovery Park award — Network for Computational Nanotechnology)

Klimeck, Gerhard; electrical & computer engineering, from Purdue University, $33,735, “iCHEER: Graduate Student.” (a Discovery Park award — Network for Computational Nanotechnology)”
Krogmeier, James V; electrical & computer engineering, from Yelp Inc, $10,000, “Voluntary Support to VIP Program.”

Krueseman, Casey J; Cancer Research Center, from Purdue University, $35,923, “In Vitro Evolution of Substrates for Highly Specific Kinase Inhibition.”

Kuhn, Richard J; biological sciences, from Unither Virology LLC, $92,400, “Characterization of UV Compound. ” (a Discovery Park award — Bindley Bioscience Center)

Labi, Samuel; Sinha, Kumares C and Agbe, Bismark R; civil engineering, from Indiana Department of Transportation, $125,000, “Bridge Deterioration Models to Support Indiana's Bridge Management System.”

Lee, Linda S; agronomy, from Purdue Doctoral Program, $4,477, “Smith, Ronald.”

Leung, Yuk Fai; biological sciences, from Joint Shantou International Eye Center, $160,000, “JSIEC-Purdue Collaborative Fund for the Leung Lab at Purdue University.”

Liceaga, Andrea M; food science, from Basic Grain Products Inc, $2,750, “Multi-Sponsored Gift-Sensory.”

Liceaga, Andrea M; food science, from Ramsey Popcorn Co Inc, $4,000, “Multi-Sponsored Gift-Sensory.”

Liceaga, Andrea M; food science, from International Bazaar Inc, $1,000, “Multi-Sponsored Gift — Sensory.”

Liceaga, Andrea M; food science, from Maplehurst Bakeries Inc., $2,000, “Multi-Sponsored Gift — Sensory.”

Liceaga, Andrea M; food science, from Bay Valley Foods LLC, $1,000, “Multi-Sponsored Gift — Sensory.”

Liceaga, Andrea M; food science, from Land O’Frost, $1,000, “Multi-Sponsored Gift — Sensory.”

Liceaga, Andrea M; food science, from Kroger Company, $7,040, “Multi-Sponsored Gift — Sensory.”

Lopez, Roberto G; horticulture & landscape architecture, from Philips Lighting U.S., $13,000, “Multi-Sponsored Gift Account.”

Lopp, Denver W and Stanley, David L; aviation technology, from Swift Fuels LLC, $12,500, “Swift Fuels.”

Lopp, Denver W; Kilaz, Gozdem; Mosier, Nathan S and Simmons, Richard A; aviation technology, mechanical engineering technology, agricultural & biological engineering, from Mercurius Biofuels, $212,680, “Renewable Acid-Hydrolysis Condensation Hydrotreating (REACH) Pilot Plant.”

Lucht, Robert P; mechanical engineering, from Purdue University, $54,002, “Office of the Vice President for Research (OVPR) Bridge Funding: Robert Lucht.”


Luo, Zhao-Qing; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $111,201, “Modulation of Host Membrane Trafficking by Legionella Pneumophila.”

Lyn, Dennis A; civil engineering, from Indiana Department of Transportation, $116,378, “Ecologically-Aware Design of Waterway-Encapsulating Structures.”

Ma, Jianxin and Rainey, Katherine M; agronomy, from United Soybean Board, $118,566, “Exploring Soybean Yield Potential through Modification of Plant Architecture.”

Marais, Karen; aeronautical & astronautical engineering, from Federal Aviation Administration, $174,524, “Pegasas: National General Aviation Flight Information Database — Project 5.”

Matson, Eric T; computer & information technology, from Daegu Gyeongbuk Institute Science & Technology, $40,000, “Korean Fire Fighting Development Project — Phase 3.”

McCartney, William G and Drake, Brent M; Office of Vice President for Information Technology, ITI Networks & Telecommunication, from Arizona State University East, $15,000, “University Alliance.”

McLuckey, Scott A; chemistry, from National Institutes of Health, $287,517, “Gas-Phase Bioconjugation in the Tandem Mass Spectrometry of Peptides, Proteins, and Protein Complexes.”

Meckl, Peter H; mechanical engineering, from Cummins, Inc., $134,361, “Igniter Cryogenic Testing Budget.”

Michalski, Greg M; earth & atmospheric sciences, from Los Gatos Research Inc, $81,000, “Analyzing 17O Isotopes in Nitrate Using Laser Absorption.”

Mickelbart, Michael V; horticulture & landscape architecture, from Chintakovid, Nutwadee, $500, “Chintakovid Bench Fees.”

Morris, Pamala V and Wallace, Carlington W; agriculture — administration, from University of Nebraska, $37,500, “Diversity, Equity and Inclusion.”

Muir, William M; animal sciences, from Agricultural Research Service, $65,920, “Genome Biology of Mareks Disease: Viral Integration and Genome Alterations in Genetically Resistant and Susceptible Stocks.”

Nagy, Zoltan; chemical engineering, from Kalsec Inc, $50,000, “Kalsec/Crystallization Monitoring.”

Oakes, William C; engineering education, from Multi-Sponsored Industrials, $15,000, “Engineering Projects in Community Service (EPICS).”

Ohland, Matthew W; engineering education, from National Science Foundation, $293,969, “Characterizing Non-Traditional Student Access and Success in Engineering.”

Panchal, Jitesh H and Kannan, Karthik N; mechanical engineering, management, from National Science Foundation, $400,580, “Crowdsourcing for Engineering Systems Design: Theoretical and Experimental Studies.”


Pastakia, Sonak D and Karwa, Rakhi; pharmacy practice, from Moi University, $14,300, “Pharmacovigilance (PV) in a Resource-Limited Setting: Approaches to Targeted Spon- taneous Reporting for Suspected Adverse Drug Reactions to Antiretroviral Treatment.”

Pekarek, Steven D and Sudhoff, Scott D; electrical & computer engineering, from National Aeronautics and Space Administration, $65,675, “NRI-Small: Actuators for Safe, Strong, and Efficient Humanoid Robots; Supplement 2 for Grant 106088.”

Peroulis, Dimitrios; electrical & computer engineering, from IMA Life, $8,300, “IMA LIFE.” (a Discovery Park award — Birck Nanotechnology Center)

Peroulis, Dimitrios; electrical & computer engineering, from IMA Life, $8,300, “IMA LIFE.” (a Discovery Park award — Birck Nanotechnology Center)

Pinal, Rodolfo; industrial & physical pharmacy, from Abbvie Inc, $35,000, “Center for Pharmaceutical Processing Research Consortium.”
Pipes, R Byron; materials engineering, from Cytect Industries Inc, $50,000, “CDM HUB (Consortium).”

Pourpoint, Timothee L; aeronautical & astronautical engineering, from Giner Electrochemical System LLC, $15,000, “Increase to Grant 106488, Lightweight Fuel Cell with Thermal Generation of Reactants.”

Rao, Sanjay G; electrical & computer engineering, from National Science Foundation, $80,000, “Faculty Early Career Development (CAREER): Towards Automated and Assurable Enterprise Network Migration; Amendment 5 for Grant 104340.”

Rebar, Alan H; Vice President for Research, from US Russia Foundation, $100,000, “The Yegor Gaidar Annual Leadership Program.” (a Discovery Park award — Discovery Park administration)

Reklaitis, Gintaras V; Litster, James D and Nagy, Zoltan; chemical engineering, from National Institute for Pharmaceutical Technology and Education, $60,500, “Development of Training Module Continuous Manufacturing.”

Ribeiro, Fabio H; Delgass, W N and Gounder, Rajamani P; chemical engineering, from Vertellus Specialties Inc, $125,000, “Catalysis on Pyridine-Related Compounds.”

Rochet, Jean-Christophe; medicinal chemistry & molecular pharmacology, from Branfman Family Foundation, $100,000, “Alpha-Synuclein-Peptide Interactions at the Membrane Surface: Role in Parkinson’s Disease.”

Roy, Kaushik; Datta, Supriyo and Raghu Nathan, Anand; electrical & computer engineering, from University of Minnesota, $260,000, “Center for Spintronic Materials, Interfaces and Novel Architectures — C-Spin; Amendment 2.”

Sadof, Clifford S; entomology, from Indiana Department of Natural Resources, $30,178, “Plan of Work for 2013-2014: Exotic Forest Pest Education Program.”

Schoenlein, William E and Van Alstine, William G; biomedical engineering, comparative pathobiology, from Medicine Institute, Incorporated, $129,810, “Intravascular Testing Agreement (Grant #203133) Studies: WCE-PLUG, CI-PDN-6, CI-USXP, CI-TRIC, CCC-SGVC, CI-POC.”

Schoenlein, William E; biomedical engineering, from Medicine Institute, Incorporated, $19,141, “Enteric Device Testing: Study CI-PDP1 Grant #202362.”


Schoonmaker, Jon; animal sciences, from Alltech, Inc, $60,000, “Effect of Supplementing Feedlot Steers with Algae SP1 and Organic Selenium on Performance, Glucose Metabolism, Plasma Amino Acids, Fatty Acid Content of Meat, and Gene Expression.”

Shalaev, Vladimir M and Boltsasseva, Alexandra; electrical & computer engineering, from University of Pennsylvania, $84,500, “Large-Area 3-D Optical Metamaterials with Tunability and Low Loss; Amendment 9 for Grant 105104.” (a Discovery Park award — Birck Nanotechnology Center)

Sharma, Pankaj and McCann, Maureen C; industrial technology, biological sciences, from Duke Energy Foundation, $282,600, “Duke Energy Academy at Purdue.” (a Discovery Park award — Energy Center)

Shen, Jie; mathematics, from Argonne National Laboratory, $53,000, “High-Order Algorithms and Modeling for Electromagnetics Systems.”

Shepson, Paul B; chemistry, from Clean Air Task Force, $38,000, “Clean Air Task Force.”

Shi, Rui; basic medical science, from IN State Department of Health, $120,000, “Toxic Aldehyde as a Key Mediator of Secondary Injury in Traumatic Brain Injury.”

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.”

Shin, Yung C; mechanical engineering, from Nanohmics Inc, $390,000, “Laser Direct Deposition Applied to the Manufacturing of Bulk, Net Shaped Amorphous Metals for Penetrator Cases.”

Shively, Gerald E; agricultural economics, from Tufts University, $79,584, “Nutrition Collaborative Research Support Programs (CRSP), Focus on Africa.”

Siegmund, Thomas H and Tomar, Vikas; mechanical engineering, aeronautical & astronautical engineering, from Oregon State University, $147,505, “New Mechanistic Models of Creep-Fatigue Crack Growth Interactions for Advanced High Temperature Reactor Components.”

Sloan, Mary Anne; global affairs, from Krishnan T Potti Molecular Dynamics (MD), $1,520, “Multi-Sponsor Account I-HITEC.”

Sloan, Mary Anne; global affairs, from Johnson Memorial Hospital, $7,600, “Multi-Sponsor Account I-HITEC.”

Smith, Anne; Weber-Fox, Christine M; Walsh, Bridget M; Christ, Sharon L and Lynam, Donald R; speech, language and hearing sciences, child development & family studies, psychological science, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $618,072, “Physiological Correlates of Stuttering.”

Starkey, John M; mechanical engineering, from Chrysler Corporation, $10,000, “Torque Steer Reductions.”

Starkey, John M; mechanical engineering, from Chrysler Corporation, $10,000, “Truck Bed Step”

Tarko, Andrew P and Romero, Mario A; civil engineering, from Indiana Department of Transportation, $75,000, “Indiana Road Network Screening.”

Thompson, David H; chemistry, from Pandion Laboratories LLC, $29,000, “Pandion Laboratories.”


Urcuioli, Peter J; psychological science, from PHS-NIH National Institute of Child Health and Human Development, $171,190, “Basic Processes in the Development of Stimulus Classes and Emergent Behavior.”

Vaccia, Andrea; agricultural & biological engineering, from Parker Hannifin Corp., $2,000, “Multi-Sponsored Gift.”

Van Rijn, Richard M; medicinal chemistry & molecular pharmacology, from National Institutes of Health, $27,208, “Development of a Pre-Clinical Candidate for the Treatment of Alcoholism.”
Venetis, Maria K and Shields, Cleveland G: communication, child development & family studies, from Indiana Minority Health Coalition, $18,543, “Sexual Orientation Disclosure to Medical Providers.” (a Discovery Park award — Regenstrief Center for Healthcare Engineering)


Weaver, Connie M: foods & nutrition, from American Yeast Sales Corp, $1,667, “Lallemand/American Yeast Gift.”

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

Weber-Fox, Christine M: speech, language and hearing sciences, from Malcolm Fraser Foundation, $45,000, “Malcolm Fraser Fellowship for Evan Usler.”

Wei, Alexander: chemistry, from Aldi Far-Ir Products Inc, $1,000, “General Voluntary Support.”


Whitford, Fred: botany & plant pathology, from Oregon Veg Management Association, $503, “Purdue Pesticide Programs.”

Whitford, Fred: botany & plant pathology, from South Dakota Agribusiness Association, $300, “Purdue Pesticide Programs.”

Whitford, Fred: botany & plant pathology, from Alabama Farmers Cooperative, Inc, $500, “Purdue Pesticide Programs.”

Whitford, Fred: botany & plant pathology, from Association Alberta Agric Fieldmen, $303, “Purdue Pesticide Programs.”

Wilker, Jonathan: chemistry, from Office of Naval Research, $36,946, “Identifying and Attacking Themes in Marine Bioadhesion for Antifouling Coatings; Modification 3 for Grant 106388.”

Wilson, Christina R: comparative pathobiology, from Eli Lilly and Company, $9,427, “Veterinary Student Summer Research Program.”


Wise, Kiersten A: botany & plant pathology, from Bayer Cropscience LP (Environmental Science), $18,700, “Voluntary Support Account.”


Xu, Dongyan and Zhang, Xiangyu: Center for Education and Research in Information Assurance and Security (CERIAS), from Cisco Systems, Inc., $100,000, “Advanced Targeted Attack Detection via Malware Protocol Reverse Engineering and Log Analytics.”

Ye, Peide: electrical & computer engineering, from Semiconductor Research Corporation, $100,000, “2D SpinFET; Amendment 1 for Grant 206543.”

Youngblood, Jeffrey P: materials engineering, from Indiana University Purdue University at Indianapolis, $39,118, “2013-14 Joint MDPhD Program for Graduate Support — Yun Zhou.”

Yu, Wenbin: aeronautical & astronautical engineering, from Georgia Institute of Technology, $33,268, “Next-Generation VABS for More Realistic Modeling of Composite Blaesa; Amendment 1 for Grant 106881.”

Zemlyanov, Dmitry Y: Birck Nanotechnology center, from Purdue University, $70,130, “1314 Office of the Vice President for Research (OVPR) Research Core Supplement Funding Program. Matrix Spm Control System, Piezo Scanner.” (a Discovery Park award — Birck Nanotechnology Center)

Zhang, Hao: statistics, from International Plant Nutrition Institute, $10,000, “International Plant Nutrition Institute.”

Zhang, Xiangyu and Xu, Dongyan: computer science, from TT Government Solutions Inc., $60,234, “Extracting Functional Components from X86 Binaries; Modification 6, Grant 105824.”

Zhou, Chenn Q and Wu, Bin: Center for Innovation through Visualization & Simulation, from U.S. Steel Corporation, $68,131, “Computational Fluid Dynamics (CFD) Study of High Rate Injection of Natural Gas in Blast Furnace.”

Zhuang, Qianlai: agronomy, from U.S. Geological Survey, $56,284, “Assessing Wetland Methane Emissions in Alaska; Supplement 1 for Grant 106870.”

Zhuang, Qianlai: agronomy, from National Aeronautics and Space Administration, $170,000, “Regional and Global Climate and Societal Impacts of Land-Use and Land-Cover Change in Northern Eurasia: A Synthesis Study Using Remote Sensing Data and an Integrated Global System Model.”

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