Abbott, Angela R; health and human sciences, from Central Indiana Council on Aging Inc. (CICOA), $15,000, “Central Indiana Council on Aging Inc. (CICOA)-Dining with Diabetes Academy-Morgan County.”

Abbott, Angela R; health and human sciences, from Central Indiana Council on Aging Inc. (CICOA), $15,000, “Central Indiana Council on Aging Inc. (CICOA)-Dining with Diabetes Academy-Marion County.”

Abbott, Angela R and Palmer, Laura A; health and human sciences, from Pennsylvania State University, $23,783, “CYFAR (Children, Youth, and Families at Risk) Coach.”

Adeola, Olayiwola; animal sciences, from BASF Corporation, $69,069, “Dose Response of Protocols.”

Agee, Ernest M; earth & atmospheric sciences, from Tan S. or June L. Chen (Individual Donor), $5,000, “June & Tan Chen Voluntary Support.”

Ajuwon, Kolapo; animal sciences, from Elanco Animal Health, $20,000, “Elanco Serum IGF-1 Analysis.”

Ajuwon, Kolapo; animal sciences, from AB Vista, $10,575, “Swine Research.”

Alam, Muhammad A; electrical & computer engineering, from Texas Instruments, Inc., $60,000, “Texas Instruments Gift.”

Alexeenko, Alina; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $100,000, “Film-Evaporation Microelectromechanical System (MEMS) Tunable Array for Picosat Propulsion and Thermal Control.”

Alexeenko, Alina; aeronautical & astronautical engineering, from IMA Life, $10,000, “Lyogroup Consortium Agreement for IMA Life.”

Anderson, Theresa M and Plaut, Karen I; animal sciences, from Binational Agricultural Research & Development, $142,000, “Photoperiod Effects on Lactating Goats: Are They Mediated by the Molecular Clock in the Mammary Gland.”


Applegate, Todd J; animal sciences, from Zoetis, $7,500, “Pyhtase in Poultry.”

Applegate, Todd J; animal sciences, from AB Vista, $38,000, “Pyhtase in Poultry.”

Applegate, Todd J; animal sciences, from Biomin America Inc, $29,000, “Pyhtase in Poultry.”


Bagchi, Saurabh; electrical & computer engineering, from Lawrence Livermore National Laboratory, $51,086, “Error Detection and Diagnosis of Large-Scale Programs.”

Bayley, William G; chemistry, from South Putnam Community School Corp, $300, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Clinton Prairie School Corporation, $300, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Cathedral Trustees, Inc., $900, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Community School Corporation of Southern Hancock County, $900, “Instrumentation Van Project.”

Bayley, William G; chemistry, from North Putnam Community School Corporation, $900, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Logansport Community School Corp, $600, “Instrumentation Van Project.”

Bayley, William G; chemistry, from North Montgomery Community School Corp., $900, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Warren Co. Metropolitan School District, $600, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Hamilton Southeastern Schools, $1,000, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Noblesville School Corporation, $1,000, “Instrumentation Van Project.”

Beaulieu, Lionel J; Office of Engagement, from University of Florida, $663, “Multi-Sponsored Account Purdue Center for Regional Development (PCRD).”

Beaulieu, Lionel J; Office of Engagement, from Tri County Regional Planning Commission, $73,522, “Regional Economic Development Data Services.”

Beaulieu, Lionel J; Hutcheson, John S; Wilcox, Michael D and Ayres, Janet S; Track Express-Center for Regional Development, agriculture — administration, agricultural economics, from Indiana Office of Community & Rural Affairs, $50,000, “Hometown Collaboration Initiative.”
Beckerman, Janna L; botany & plant pathology, from Indiana Professional Lawn Landscape Association, $300, “Indiana Arborists Association, Inc.”

Beckerman, Janna L; botany & plant pathology, from BASF Corporation, $8,000, “Indiana Arborists Association, Inc.”


Bigelow, Cale A; horticulture & landscape architecture, from National Turfgrass Evaluation Program, $1,500, “Putting Greens Research.”

Bigelow, Cale A; agronomy, from Tee 2 Green Corporation, $4,000, “Putting Greens Research.”

Bigelow, Cale A; agronomy, from Central Garden & Pet Inc, $2,500, “Putting Greens Research.”

Bigelow, Cale A; agronomy, from Helena Chemical Company, $3,000, “Putting Greens Research.”


Bouman, Charles A and Comer, Mary L; electrical & computer engineering, from Innovative Science Solutions, LLC, $70,000, “Tunable Diode Laser Absorption Spectroscopy Computed Tomography (TDLAS CTM) Study.”

Bowman, Mark D; civil engineering, from Indiana Department of Transportation, $20,329, “Bridge Load Rating.”


Brightman, Andrew O; biomedical engineering, from Indiana University Purdue University at Indianapolis, $25,548, “2014-15 Joint PhD Program with Indiana University Purdue University at Indianapolis (IUPUI) for Graduate Support — Silvia Canuel.”

Cai, Liping A; hospitality & tourism, from Qinlan Chen, $900, “China Research Programs.”

Caldwell, Barrett S; industrial engineering, from Taylor University, $1,000, “Indiana Space Grant Consortium (INSGC) Affiliate Dues.”

Caldwell, Barrett S; industrial engineering, from Trine University, $1,000, “Indiana Space Grant Consortium (INSGC) Affiliate Dues.”

Caldwell, Barrett S; industrial engineering, from Indiana University Purdue Fort Wayne, $1,000, “Indiana Space Grant Consortium (INSGC) Affiliate Dues.”

Caldwell, Barrett S; industrial engineering, from St. Joseph College, $1,000, “Indiana Space Grant Consortium (INSGC) Affiliate Dues.”

Caldwell, Barrett S; industrial engineering, from Valparaiso University, $1,000, “Indiana Space Grant Consortium (INSGC) Affiliate Dues.”

Caldwell, Barrett S; industrial engineering, from Anderson University, $1,000, “Indiana Space Grant Consortium (INSGC) Affiliate Dues.”

Campanella, Osvaldo H and Hamaker, Bruce R; agricultural & biological engineering, food science, from Pepsico Inc./ World Trading Co., $58,672, “Oat Hull Oligosaccharide Ingredient Characterization for Physicochemical Properties and Functionality.”

Casteel, Shaun N; agronomy, from Monsanto Company, $18,000, “Soybean Extension Research.”

Casteel, Shaun N; agronomy, from Monsanto Company, $5,000, “Seed Treatment Disease and Insect Management in Soybean.”

Chang, Fen-Lei F; medical education — Fort wayne campus, from Indiana University, $3,800, “Fy14-15 Indiana University School of Medicine (IUSM)-Fort Wayne Redman Curriculum Committee Fund.”

Chang, Fen-Lei F; medical education — Fort wayne campus, from Indiana University, $65,000, “FY 14-15 Indiana University School of Medicine (IUSM)-Fort Wayne Hoffman Start-Up Fund.”


Cheng, Ji-Xin; biomedical engineering, from Indiana State Department of Health, $120,000, “Targeted Delivery of Methylprednisolone to Injured Spinal Cord.”

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

Cooks, Robert G; chemistry, from Annual Reviews, $2,000, “Chemistry Research.”


Cooper, James A; electrical & computer engineering, from II-VI Foundation, $47,500, “SiO2/4H-SiC Interface Optimization for Next Generation Power MOSFETs.” (a Discovery Park award — Birck Nanotechnology Center)


Culurciello, Eugenio; biomedical engineering, from Johns Hopkins University, $73,333, “Figure-Ground Processing, Saliency and Guided Attention for Analysis of Large Natural Scenes.”

Dai, Mingji; chemistry, from American Chemical Society, $110,000, “Catalytic Carboxylative Macrocyclization of Olefins and Cyclopropanes.”

Dasgupta, Anirban; statistics, from Elsevier Ltd, $62,000, “Executive Editor Agreement for Anirban Dasgupta.”

Davies, Patricia; mechanical engineering, from Purdue Research Foundation, $34,200, “Herrick Lab Foundation Fellowship.”

Davison, Vincent J; medicinal chemistry & molecular pharmacology, from University of Notre Dame, $10,000, “Liposomal Nanoparticles for Selective Anticancer Drug Delivery Targeting Vacular Atpase.”

De Hoop, Maarten V; mathematics, from BGP Inc., CNCP, $80,000, “Geo-Mathematical Imaging Group (GMIG) Consortium.”

De Hoop, Maarten V; mathematics, from Massachusetts Institute of Technology, $33,194, “MIT Schulmberger Lecturer.”

Dehr, Karol A; English & linguistics — Fort wayne campus, from National Writing Project, $2,000, “NWP Appleseed Writing Project 2014-2015 Assignments Matter.”
DeLaurentis, Daniel A; aeronautical & astronautical engineering, from University of Maryland, $64,709, “National Center of Excellence for Aviation Operations Research (NEXTOR) II: Air Connectivity Index.”


Delp, Edward J; electrical & computer engineering, from University of Hawaii, $72,001, “Domoic Acid Neurotoxicity in Native Americans.”

Deng, Xinyan; mechanical engineering, from University of Michigan, $94,335, “Michigan Air Force Research Laboratory (AFRL) Collaborative Center in Control Sciences.”

Dietz, James E and Pekny, Joseph F; chemical engineering, from United States Military Academy, $62,771, “Usma/Purdue Joint Cybersecurity Faculty.” (a Discovery Park award — Discovery Park Administration)

Dietz, James E; computer & information technology, from Naval Sea Systems Command Naval Surface Warfare Center (NAVSSEA/NSWC) Crane, $40,000, “Developing a Next Generation Technology Transfer System.” (a Discovery Park award — Burton D. Morgan Center)

Dilkes, Brian; horticulture & landscape architecture, from Agricultural Research Service, $44,000, “A Gene Discovery Pipeline for Soybean Seed Composition Traits.”

Duval-Couetil, Nathalie A; industrial technology, from University of Nizhni Novgorod, $32,963, “University of Nizhni Novgorod Inobusness Mentoring.” (a Discovery Park award — Discovery Park Administration)

Dykhuizen, Emily C; medicinal chemistry & molecular pharmacology, from V Foundation for Cancer Research, the, $200,000, “Chromatin Targeting by the Bromodomains of PBRM1, a Tumor Suppressor Subunit of the P-BAF Chromatin Remodeling Complex.”

Dzhabarov, Ehtibar N; psychological science, from University of Colorado, $62,201, “Parametric Assumptions and Model Flexibility.”

Egel, Daniel S; botany & plant pathology, from United Genetics Seed Company, $600, “Potassium Management.”

Egel, Daniel S; botany & plant pathology, from Multi-Sponsored Industrials, $24, “Potassium Management.”

Egel, Daniel S; botany & plant pathology, from BASF Corporation, $2,500, “Potassium Management.”

Elliott, Stephen J and O Connor, Kevin J; technology — administration, industrial technology, from Authentify Inc., $17,422, “Focus Groups.”

Emery, Nancy C and Torres Martinez, Lorena; biological sciences, from Northern California Botanists, $1,000, “Evolutionary Potential for Responding to Climate Change in Vernal Pool Goldfields.”

Engel, Bernard A; agricultural & biological engineering, from Mexican National Council for Science and Technology (CONACYT), $147,580, “Mexico National Council of Science and Technology (CONACYT) Fellowship: Joseph David Revueita Acosta.”

Engel, Bernard A; agricultural & biological engineering, from Mexican National Council of Science and Technology (CONACYT), $153,777, “Mexico National Council of Science and Technology (CONACYT) Fellowship: Mario Alberto Cano Vega.”

Engel, Bernard A; agricultural & biological engineering, from Egyptian Cultural and Educational Bureau, $7,500, “Bench Fees in Support of Ahmed Abd Elkareem Hasem.”

Fairfax, Keke C; comparative pathobiology, from American Heart Association, $271,891, “Understanding the Development of the Liver B Cell Compartment During Schistosomiasis: Development of a Novel Vaccine.”

Farris, Edward M; field extension agents, from University of Nebraska-Lincoln, $29,515, “Purdue Succession Team: Planning for the Transfer of Farm Ownership and Management.”


Field, William E; agricultural & biological engineering, from the Andersons, $545, “Breaking New Ground.”

Field, William E; agricultural & biological engineering, from the Andersons, $6,000, “Breaking New Ground.”

Field, William E; agricultural & biological engineering, from National Institute of Food & Agriculture, $494,532, “National Agrability Project.”

Fisher, Timothy; mechanical engineering, from Universal Technology Corporation, $42,500, “Integration of MPCVD Grown Graphene in 2D Heterostructures for Electronic Materials; Mod. 1.” (a Discovery Park award — Birck Nanotechnology Center)

Foli, Karen J; Kersey, Susan J; Woodcox, Stephanie G and Zhang, Lingsong; nursing, health and human sciences, statistics, from National Institute of Food & Agriculture, $139,088, “Enhancing Kinship Families Health in Rural Counties through Extension Education.”

Forbes, Beth A; agricultural communication, from Ohio State University, $27,917, “Cooperative Venture to Develop a Joint Electronic News Service — Ag Answers.”


Foster, Ricky E; Johnson, William G; Becker, Janna L; Engel, Daniel S; Legleiter, Travis R; Obermeyer, John L; Sadof, Clifford S; Krapke, Christian H; Wise, Kiersten A and Whittford, Fred; entomology, botany & plant pathology, from National Institute of Food & Agriculture, $190,000, “Advancing Integrated Pest Management (IPM) in Indiana.”

Freed, Andrew M; earth & atmospheric sciences, from UNAVCO, $25,000, “COCONet Graduate Fellowship for Roby Douilly; Modification 1.”

Freed, Andrew M; earth & atmospheric sciences, from UNAVCO, $25,000, “COCONet Graduate Fellowship for Steve Symithe; Modification 1.”

Frosch, Robert J; civil engineering, from University of Alabama, $19,788, “Support for Graduate Student Yuxing Yang from University of Alabama.”
Garcia, R Edwin and Benes, Bedrich; materials engineering, computer graphics technology, from Ford Motor Company, $33,000, "Tomographic Data Reconstruction."

Garrison, James L; aeronautical & astronautical engineering, from University of Michigan, $55,781, "Cyclone Global Navigation Satellite System (CYGNSS)."

Garrison, James L; aeronautical & astronautical engineering, from Jet Propulsion Laboratory, $75,000, "Multi-Frequency Bistatic Reflectometry Using Signals of Opportunity (Soops)."

Gentry, Marcia L; Maeda, Yukiko; Paul, Kristina and Richardson, Jennifer C; educational studies, curriculum & instruction, from U.S. Department of Education, $494,508, "Developing Talents and Improving Student Achievement Among Traditionally Underrepresented Populations: an Experimental Investigation Scaling-Up the Total School Cluster Grouping Model."

Ghiselli, Richard F; hospitality & tourism, from Chen, Qilan, $900, "HTM Advisory Council."

Gkritza, Konstantina and Fricker, Jon D; civil engineering, from Indiana Department of Transportation, $200,000, "Economic Development Impact of Corridor Improvements-SPR 3912."

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

Hallett, Steven G; horticulture & landscape architecture, from Nash Finch Company, $10,000, “Multi-Sponsored Gift Account.”

Hamilton, Roy L; Education Opportunities Program — Calumet campus, from U.S. Department of Education, $276,776, "Ronald E. McNair Post-Baccalaureate Achievement Program."

Han, Bumsoo; mechanical engineering, from Akina, Inc. Business & Technology Center, $75,000, "Tumor-Microenvironment-on-Chip for Breast Cancer."


Harbin, Sherry L; biomedical engineering, from Geniphys LLC, $21,242, "Collymer Isolation and Characterization."

Harbin, Sherry L; biomedical engineering, from Eli Lilly and Company, $135,000, "Lilly Innovation Fellowship Award — Catherine Whittington."

Hastak, Makarand; construction engineering & management, from Indiana Department of Transportation, $85,000, "Simplified Construction Scheduling for Field Personnel SPR-3907."

Heeg, Marlene O; pharmacy — administration, from Millennium Pharmaceuticals, Inc., $75,000, "Peerview Video Inexchange, the Hematology-Oncology Team and the Myeloma Patient: Applying the Principles of Patient-Centered Care."

Heeg, Marlene O; pharmacy — administration, from Eli Lilly and Company, $25,000, "Pharmacy Perspectives on the Differentiation of Therapeutic Approaches to Rheumatoid Arthritis (RA)."

Hentzel, Thomas W; agricultural economics, cooperatives extension service expenses, from Farm Service Agency, $73,442, “2014 Farm Bill — Indiana.”


Hentzel, Thomas W; agricultural economics, from Inter-American Development Bank, $19,650, “Global Trade Analysis Project (GTAP) Consortium.”


Hentzel, Thomas W; agricultural economics, from Asian Development Bank, $19,650, "Global Trade Analysis Project (GTAP) Consortium."

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

Hogan, Daniel F; veterinary clinical science, from America College of Veterinary Internal Medicine, Foundation, $8,460, "Ability of VVI, VVIR, and VDD Pacing to Approximate Sinus Rate in Dogs with Third-Degree Ativoventricular Block."

Hogenesch, Harm; veterinary medicine — administration, from the Jackson Laboratory, $32,161, “CPDM: Cloning a Gene that Regulates Eosinophil Function.”

Hooser, Stephen B; Animal Disease Diagnostic Laboratory, from Indiana Department of Natural Resources, $14,700, "Diagnostic Evaluation of Chronic Wasting Disease in White-Tailed Deer."

Hountz, Randall A and McKiniss, David R; Technical Assistance Program, from Indiana Family and Social Services Administration, $2,309,378, “Statewide Medicaid-Eligible Incentive Meaningful Use Assistance.”

Hountz, Randall A; Technical Assistance Program, from Indiana State Office of Rural Health, $75,000, “Lean Coaching, Project Facilitation, and Collaborative Events.”

Howe, Katherine M; botany & plant pathology, from Toni E Aguilar, $30, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Three Rivers Park District, $100, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Invasive Plant Association Wisconsin, $799, “Katherine Howe Gift Fund.”

Howell, Kathleen; aeronautical & astronautical engineering, from Analytical Mechanics Association, Inc, $2,000, "National Aeronautics and Space Administration (NASA) Guidance, Navigation, and Control Technical Discipline Team (TDT).”

Howell, Kathleen; aeronautical & astronautical engineering, from Air Force Research Laboratory, $76,011, “Spacecraft Formations: Autonomous Guidance and Control Based on Artificial Potential Functions.”

Hutzel, William J; Dana, Michael N and Qu, Ming; engineering technology, horticulture & landscape architecture, civil engineering, from Environmental Protection Agency, $90,000, "Biowalls Impact on Indoor Air Quality and Energy Phase II.”

Irazoqui, Pedro; biomedical engineering, from the Jackson Laboratory, $250,000, "Novel Implantable Devices for Glaucoma Research.”
Jacobs, Douglass F; forestry & natural resources, from U.S. Forest Service, $19,409, “Integrating Spatial Processes and Tree Seed Dispersal and Insect Population Dynamics within Landis-II.”

Joern, Brad C; Camerato, James J and Johnston, Cliff T; agronomy, from Natural Resources Conservation Service, $252,978, “Documenting Soil Health Assessment Methods and Jump Starting Carbon and Nutrient Cycles for the Sustainable Restoration of Soil Health.”

Johnson, David R; materials engineering, from ArcelorMittal USA, $25,300, “Boron Segregation and its Effects.”

Johnson, William G; botany & plant pathology, from Gowan Company, $6,800, “Weed Science Research Voluntary Support.”

Johnson, William G; botany & plant pathology, from FMC Corporation, $17,000, “Weed Science Research Voluntary Support.”


Johnson, William G; botany & plant pathology, from Monsanto Company, $14,000, “Weed Science Research Voluntary Support.”


Johnson, Cliff T; agronomy, from Pioneer Oil Company, $58,777, “Funding of EOR Research & Development.”

Johnston, Cliff T; agronomy, from Ag Spectrum Company, $24,000, “Foliar Additives Research.”

Johnston, Cliff T; Bobet, Antonio and Sanatoga, Maria Caterina; agronomy, civil engineering, from Cosia, $287,208, “Polymer-MFT Interactions: Surface Chemistry to Rheology.”

Jones, Owen G; food science, from Gum Products International Inc, $4,000, “Multi-Sponsored Industrial.”

Karava, Panagioti; civil engineering, from American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Inc., $50,000, “American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) — Dr. Karava New Investigator Award.”

Kilaz, Gozdem and Lopp, Denver W; aviation technology, from Indiana Corn Marketing Council, $85,797, “Streamlining Corn Stover Pre-Processing and Reducing Feedstock Costs.”

Kim, Young I; biomedical engineering, from Samsung Electronics Co., Ltd, $100,000, “Attachable Mesoscopic Bioimager to Smartphones.”

Kinzer-Ursem, Tamara L; biomedical engineering, from Gs Bridge Assistantships, $6,890, “Lou, Yan.”

Kleineck, Gerhard; electrical & computer engineering, from Purdue University, $478,769, “Increase in Budget: Icheer: 1415 Budget - Partial.”

Kleineck, Gerhard; electrical & computer engineering, from Ruhr University Bochum, $15,000, “Graduate Student Support.”

Kleineck, Gerhard; electrical & computer engineering, from Ruhr University Bochum, $14,500, “Graduate Student Support.”

Kong, Nan and Lawley, Mark A; biomedical engineering, from National Science Foundation, $222,813, “Grant Opportunities for Academic Liaison with Industry (GOALI)/Collaborative Research: Optimal Inpatient Discharge Planning Under Uncertainty.”

Kramer, Robert A; energy efficiency & reliability center, from Indiana Municipal Utility Group, $56,000, “Support for Street Light Testing and Evaluation for 8 Indiana Municipalities (IMUG).”

Klare, Matthew J; materials engineering, from ArcelorMittal USA, $25,300, “Boron Segregation and its Effects.”

Krogmeier, James V; electrical & computer engineering, from Oxbow Farming LLC, $9,900, “Voluntary Support Isobus to Bluetooth.”

Krogmeier, James V; electrical & computer engineering, from Oxbow Farming LLC, $7,900, “Voluntary Support Isobus to Bluetooth.”

Ladisch, Michael R and Ximenes, Eduardo A; agricultural & biological engineering, from General Mills, Inc., $45,000, “General Mills Research Services Agreement.”

Laird, Carl D; chemical engineering, from Sandia National Laboratories, $81,251, “Numerical Solution of Large-Scale Network Problems.”

Latin, Richard X; botany & plant pathology, from Bayer CropScience, $3,500, “Turfgrass Disease Research.”

Lechtenberg, Victor L; president, from Woodrow Wilson National Fellowship Foundation, $18,000, “Indiana Teaching Fellowship Program.”

Lee, Ji Yeon; speech, language & hearing sciences, from American Speech-Language-Hearing Foundation, $10,000, “Tracking the Time Course of Sentence Production in Parkinsons Disease (PD).”

Liceaga, Andrea M; food science, from Nata Chocolate America Inc, $4,000, “Multi-Sponsored Gift — Sensory.”

Liceaga, Andrea M; food science, from Kroger Company, $1,020, “Multi-Sponsored Gift — Sensory.”

Liceaga, Andrea M; food science, from Kroger Company, $1,010, “Multi-Sponsored Gift — Sensory.”

Liceaga, Andrea M; food science, from Bay Valley Foods LLC, $5,310, “Multi-Sponsored Gift — Sensory.”

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

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

Litster, James D; chemical engineering, from Process Systems Enterprise Limited, $6,000, “Process Systems Enterprise.”

Lloyd, Lyle L; educational studies, from Multi-Sponsored Industrials, $750, “AAC Program Support.”

Lopez, Roberto G; horticulture & landscape architecture, from Multi-Sponsored Industrials, $1,000, “Multi-Sponsored Gift Account.”

Lu, Chien-Tsun; aviation technology, from Shandong Nanshan Aluminum Co Ltd, $199,916, “Lu Nanshan Aero College.”


Lundstrom, Mark S; electrical & computer engineering, from Semiconductor Research Corporation, $85,000, “TERC Contract 2010-ER-2110, Amendment No. 5.”

Lundstrom, Mark S; Kubis, Tillmann C and Maassen, Jesse; electrical & computer engineering, from Northwestern University, $111,093, “EFRI 2-DARE: Scalable Growth and Anti-Ambipolar Heterojunction Devices.” (a Discovery Park award — Network for Computational Nanotechnology)
Luo, Zhao-Qing; biological sciences, from Texas A&M Research Foundation, $49,641, “Identification and Role of Type IV Effector Proteins in Coxilha Burnetti.”

Macdermid Wadsworth, Shelley; Broniarczyk, Kathy M and Topp, Dave; child development & family studies, from Wounded Warrior Project, $250,000, “Regional Approaches for the Star Behavioral Health Providers Program.”

Macdermid Wadsworth, Shelley; Broniarczyk, Kathy M and Topp, Dave; child development & family studies, from Goldbelt Glacier Health Services, $439,660, “Star Behavioral Health Providers Program.”

Manfra, Michael J; physics, from Office of Naval Research, $48,696, “Fault-Tolerant Topological Quantum Computing with 2d Electron Systems.” (a Discovery Park award — Birck Nanotechnology Center)

Mansfield, Charles W; agronomy, from Bayer Cropscience, $1,750, “Corn Research.”

Martinez, Kimber J; youth development & agricultural education, from Indiana State Department of Health, $58,007, “MESA: Multicultural Efforts to End Sexual Assault.”

Matson, Eric T; computer & information technology, from Federation Korean Information Industries, $170,000, “KFII-Purdue Technology Entrepreneurs and Commercialization Program.”

Mates, Richard D; foods & nutrition, from Almond Board of California, $16,500, “The Effects of Including Almonds in an Energy-Restricted Diet on Weight, Abdominal Fat Loss, Blood Pressure, and Cognitive Function.”


McCullough, Bobby G; civil engineering, from Indiana Department of Transportation, $165,000, “Use of Tablets and Apps to Enhance Construction Inspection Practices.”

McLennan, Michael J; academic technologies, from Purdue University, $148,116, “PURR: ITaP 1415 Budget.”


Mengiste, Tesfaye D; botany & plant pathology, from Rural Development Administration, $10,428, “Mechanisms of Plant Immunity to Fungal and Bacterial Pathogens.”

Mickelbart, Michael V and Hasegawa, Paul M; horticulture & landscape architecture, from Tel Aviv University, $121,000, “Controlling Water Use Efficiency and Drought Tolerance through the GTL1-SDD1 Stomatal Density Switch.”

Mudawar, Issam; mechanical engineering, from National Aeronautics and Space Administration, $100,000, “Flow Boiling and Condensation Experiment (FBCE).”

Nagy, Zoltan; chemical engineering, from Glaxo Smith Kline, $69,000, “Crystallization Feedback Control.”

Nakayama, Shoji; construction & engineering — Calumet campus, from Automotive Industry Action Group, $2,800, “Development of GHS Guidance Materials for AIAG Membership.”

Nie, Linda H; health sciences, from University of Cincinnati, $7,600, “Validation of a Neutron Activation Analysis (Naa) System to Quantify Manganese in Bone in Vivo.”

Nie, Linda H; Wells, Ellen M and Zheng, Wei; health sciences, from PHS-CDC Centers for Disease Control, $148,458, “Bone Manganese as a Biomarker for Early Diagnosis of Manganese Neurotoxicity in Occupationally Exposed Workers.”

Niser, John C; consumer & family sciences — Fort Wayne campus, from Escuela Hoteleria Turismo Sant Pol, $1,974, “HSDC Consortium.”

Nita-Rotaru, Cristina and Neville, Jennifer L; computer science, from Johns Hopkins University, $164,122, “Toward Intrusion Tolerant Clouds.”

Oakes, William C; engineering education, from Motorola Foundation, $60,000, “Motorola Solutions Fdn..”

Oakes, William C and Abraham, Dulcy M; engineering education, civil engineering, from Senior Engineering College, $20,000, “Integration of Engineering Projects in Community Service (EPICS) Model into Undergraduate Curriculum in Indian.”


Olszewski, Lynn T; nursing — Calumet campus, from Indiana University, $215,000, “Northwest Indiana Area Health Education Center (AHEC) Operating Support 2014-15 (State Funds).”

Ortalan, Volk; materials engineering, from ArcelorMittal USA, $25,400, “Boron Segregation and its Effects.”

Overholser, Brian R; Liu, Wanjing and Tisdale, James E; pharmacy practice, medicinal chemistry & molecular pharmacology, from Indiana Clinical & Translational Science Institute, $60,000, “MicroRNA Regulation of QT Interval Prolongation in Patients with Heart Failure.”


Patton, Aaron J; horticulture & landscape architecture, from Midwest Regional Turf Foundation, $20,000, “Turfgrass Research.”

Patton, Aaron J; horticulture & landscape architecture, from Bayer Cropscience, $9,500, “Multi-Sponsored.”

Pekarek, Steven D; electrical & computer engineering, from Kohler Company, $22,000, “Kohler — Student Assist.”

Peroulis, Dimitrios; electrical & computer engineering, from IMA Life, $11,250, “IMA Life.” (a Discovery Park award — Birck Nanotechnology Center)

Peroulis, Dimitrios; electrical & computer engineering, from Defense Advanced Research Projects Agency, $66,000, “Field Programmable Filter Arrays (FFAs).” (a Discovery Park award — Birck Nanotechnology Center)

Peroulis, Dimitrios; electrical & computer engineering, from Memtronics Corporation, $137,000, “Helical Tunable Filters and Advanced Filtering for UHF Communications.” (a Discovery Park award — Birck Nanotechnology Center)

Pipes, R Byron; aeronautical & astronomical engineering, from The Boeing Company, $23,000, “Resin Shrinkage and CTE Evaluation.”

Pruitt, Robert E; botany & plant pathology, from Indiana Vegetable Growers Association, $1,000, “Pruitt Voluntary Support.”

Purcell, Lindsey A; forestry & natural resources, from Brandt Consolidated, $3,000, “Voluntary Support; Purcell.”

Rainey, Katherine M; agronomy, from United Soybean Board, $688,965, “High-Impact Public Research for Modified Carbohydrate Composition in U.S. Soybeans.”


Patton, Aaron J; horticulture & landscape architecture, from Midwest Regional Turf Foundation, $20,000, “Turfgrass Research.”

Patton, Aaron J; horticulture & landscape architecture, from Bayer Cropscience, $9,500, “Multi-Sponsored.”

Pekarek, Steven D; electrical & computer engineering, from Kohler Company, $22,000, “Kohler — Student Assist.”

Peroulis, Dimitrios; electrical & computer engineering, from IMA Life, $11,250, “IMA Life.” (a Discovery Park award — Birck Nanotechnology Center)

Peroulis, Dimitrios; electrical & computer engineering, from Defense Advanced Research Projects Agency, $66,000, “Field Programmable Filter Arrays (FFAs).” (a Discovery Park award — Birck Nanotechnology Center)

Peroulis, Dimitrios; electrical & computer engineering, from Memtronics Corporation, $137,000, “Helical Tunable Filters and Advanced Filtering for UHF Communications.” (a Discovery Park award — Birck Nanotechnology Center)

Pipes, R Byron; aeronautical & astronomical engineering, from The Boeing Company, $23,000, “Resin Shrinkage and CTE Evaluation.”

Pruitt, Robert E; botany & plant pathology, from Indiana Vegetable Growers Association, $1,000, “Pruitt Voluntary Support.”

Purcell, Lindsey A; forestry & natural resources, from Brandt Consolidated, $3,000, “Voluntary Support; Purcell.”

Rainey, Katherine M; agronomy, from United Soybean Board, $688,965, “High-Impact Public Research for Modified Carbohydrate Composition in U.S. Soybeans.”
Ratliff, Timothy L; Crist, Scott A; Buhman, Kimberly K and Mesecar, Andrew D; Cancer Research Center, comparative pathobiology, foods & nutrition, biological sciences, from Army Medical Research Acquisition Activity, $560,879, "Targeting Sulfotransferase (Sult) 2b1b as a Regulator of Cholesterol Metabolism in Prostate Cancer."

Rhoads, Jeffrey F; Bolton, J S and Davies, Patricia; mechanical engineering, from North Carolina State University, $100,000, "Semiwave Multidisciplinary University Research Initiative (MURI): Sound & Electromagnetic Interacting Waves, Continuation Option."

Richert, Brian T; animal sciences, from Danisco Animal Nutrition, $30,912, "Evaluation of Enzymes in Grower Pigs."

Richert, Brian T and Raddiffe, John S; animal sciences, from Danisco Animal Nutrition, $82,117, "Effect of Xylanase Types on the Growth Performance and Digestibility in Growing Pigs Fed Wheat and Wheat Co-Products Based Diets."


Sangid, Michael D; aeronautical & astronautical engineering, from Space and Naval Warfare Systems Center, $250,000, "Predictive Materials Science and Fatigue Life Prognosis."

Sangid, Michael D; aeronautical & astronautical engineering, from Air Force Office of Scientific Research, $120,000, "Identifying the Crack Driving Force Mechanism through a Data-Driven, Bayesian Analysis of Existing High Energy Diffraction Microscopy Experiments."

Savaiano, Dennis A and Maulding, Melissa K; foods & nutrition, from National Institute of Food & Agriculture, $856,250, "North Central Nutrition Education Center for Excellence."

Scachitti, Susan M and Mapa, Lakshman B; engineering technology — Calumet campus, from Department of Veterans Affairs, $156,660, "Facilitating Yellow, Green and Black Belt Training Sessions."

Schneider, Steven P; aeronautical & astronautical engineering, from Lockheed Martin Corp., $30,000, "Increase to Grant 106530 Measurements of Hypersonic Instability and Transition in Two Mach-6 Wind Tunnels."

Schoenlein, William E; biomedical engineering, from MED Institute, Incorporated, $21,336, "Enteric Testing Agreement Studies: Ci-Fil7, Ci-Pdmd."

Schoenlein, William E; biomedical engineering, from MED Institute, Incorporated, $189,401, "Testing Prototype Vascular Devices in an Animal Model: Studies: Ci-Snc, Ci-Hybb, Ci-Ans4, Ci-Ans8, Ci-An12, Ci-Lumi, Cui-Usr1, Wce-Tsla and Poc."

Schoenlein, William E; biomedical engineering, from MED Institute, Incorporated, $62,290, "Optimal Orchestra- tion Improvement-Phase 1 (Design); Purchase Snow Removal Equipment."

Schoenlein, William E; biomedical engineering, from MED Institute, Incorporated, $177,308, "Testing Prototype Vascular Devices in an Animal Model: Studies: Ci-Mifb, Ci-Adp1, Ci-Cto1, Ci-Vvcf, Ci-Gel6, Ccc-Ctis and Poc."

Shalaev, Vladimir M; Boltasseva, Alexandra and Narimanov, Evgeny; electrical & computer engineering, from University of Michigan, $300,217, "Centers of Excellence for Materials Research and Innovation (CEMRI) Photonic and Multiscale Nanomaterials."

Shalaev, Vladimir M and Boltasseva, Alexandra; electrical & computer engineering, from Georgia State University, $164,864, "Random Lasers, Nano-Spasers and Optical Rogue Waves."

Shalala, Steven F; aeronautical & astronautical engineering, from Georgia Tech, $10,000, "Aerodynamic Tonneau Covers."

Son, Steven F and Gunduz, Ibrahim E; mechanical engineering, from NEI Corporation, $75,000, "Aluminum Core Shell Particles."

Spafford, Eugene H; computer science, from Paul Rosenzweig, $100, "Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support."

Stansbury, Betty M; airport operations, from Federal Aviation Administration, $307,227, "Strengthen/Rehabilitate Runway 10/28-Phase 1 (Design); Airfield Signage Improvements-Phase 1 (Design); Purchase Snow Removal Equipment."

Starkey, John M; mechanical engineering, from Chrysler Corporation, $10,000, "Aerodynamic Tonneau Covers."

Stewart, Kara R; animal sciences, from Ab Vista, $31,000, "Swine Research."

Stewart, Terry S and Stewart, Kara R; animal sciences, from Agricultural Research Service, $54,000, "Collection and Evaluation of Swine Genetic Resources."

Strachan, Alejandro H; materials engineering, from Lawrence Livermore National Laboratory, $62,290, "Optimal Orchestration of High-Fidelity Simulations in Multiscale Materials Models."

Sullivan, John P; aeronautical & astronautical engineering, from Brigham Young University, $6,000, "Development and Delivery of Aerospace Capstone Project Q4 2013-Q4 2016."

Sutherland, John W; environmental & ecological engineering, from Michigan Technological University, $128,997, "Oise-Pire: Sustainability, Ecosystem Services, and Bio-energy Development Across the Americas."

Swihart, Robert K; forestry & natural resources, from Indiana Arborists Association, Inc., $3,750, "Indiana Arborists Association, Inc."
Talavage, Thomas M; electrical & computer engineering, from Indiana University Purdue University at Indianapolis, $45,129, “Multi-Site Evaluation of the Role of Deep Brain Structures in Long-Term Neurological Disorder after Traumatic Brain Injury.”

Tao, Bernard Y and Creech, Michelle; agricultural & biological engineering, from Indiana Soybean Alliance, $10,900, “Purdue Student Soy Innovation Competition.”

Tao, Weiguo A; Geahlen, Robert L; McCluckey, Scott A and Vitek, Olga; biochemistry, medicinal chemistry & molecular pharmacology, chemistry, statistics, from PHS-NIH National Institute of General Medical Science, $296,039, “New Proteomic Technologies for the Analysis of Tyrosine Kinase Signaling Pathways.” (a Discovery Park award — Oncological Sciences Center)

Taylor, Lynne S; Galinsky, Raymond E and Simpson, Garth J; industrial & physical pharmacy, chemistry, from PHS-FDA Food and Drug Administration, $500,000, “Formulation, Processing and Performance Interrelationships for Amorphous Solid Dispersions.”

Thompson, David H; chemistry, from PHS-NIH National Institute of Biomedical Imaging & Bioengineering, $203,483, “Development of Long-Circulating, Degradable Gd-Polyrotaxane Mr Agents.”

Tomar, Vikas and El-Atwani, Osman J; aeronautical & astronomical engineering, nuclear engineering, from U.S. Department of Energy, $640,000, “An Investigation to Establish Multiphysical Property Dataset of Nuclear Materials Based on In-Situ Observations and Measurements.”

Trout, Marion T; university bands, from Tippecanoe Arts Federation, $3,467, “IAC Grant for Jazz Fest Artist in Residence.”

Tuinstra, Mitchell R; agronomy, from The Howard G Buffet Foundation, $1,287,853, “Developing Climate Resilient Maize Production Systems.”

Tzempelkos, Athanasios; civil engineering, from Purdue University F N Andrews Fellowship, $31,733, “Lee, Seung Jae.”

Ukkusuri, Satish V and Labi, Samuel; civil engineering, from Indiana Department of Transportation, $200,000, “Evaluate the Impacts of Time-of-Day Tolling on Indiana State Roads-SPR-3911.”

Uyeda, Christopher H; chemistry, from American Chemical Society, $110,000, “Light-Driven Dehydrogenative Carbon-Carbon Coupling Reactions.”


Varma, Arvind and Gounder, Rajamani P; chemical engineering, from Eli Lilly and Company, $50,000, “Understanding Heterogeneous Catalysts in Multiphase Fixed Bed Reactors for Pharmaceutical Applications.”

Viswanathan, Chandramouli; mechanical engineering — Calumet campus, from Northwestern Indiana Regional Planning Commission, $8,500, “Deep River -Portage Burns Waterway Watershed Modeling Project.”

Vyn, Tony J; agronomy, from Step One Group, $1,050, “Agricultural Cropping Systems.”

Vyn, Tony J; agronomy, from Yara Phosyn Ltd, $12,000, “Agricultural Cropping Systems.”

Weaver, Connie M; foods & nutrition, from The Coca Cola Company, $39,000, “Coca-Cola Gift.”

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

Weiss, William J; civil engineering, from Indiana Department of Transportation, $120,000, “Improving Specifications to Resist Frost Damage in Modern Concrete Mixtures.”

Wells, Ellen M; Dydak, Ulrike and Rosenthal, Frank S; health sciences, from University of Illinois at Chicago, $18,923, “Impact of Co-Exposure to Metals on Manganese Toxicity.”

West, Terry R; earth & atmospheric sciences, from AEG North Central Section, $200, “AEG Travel.”

Wetzstein, Hazel Y; horticulture & landscape architecture, from Pom Wonderful LLC, $90,000, “ Multi-Sponsored Gift Account.”

Wetzstein, Michael E; agricultural economics, from Office of the Chief Economist, $30,000, “Wood Pellet Policies for U.S. Adoption.”

Wetzstein, Michael E; agricultural economics, from Office of the Chief Economist, $40,000, “Disruptive Policy Impacts on the Biodiesel Market.”

Whelton, Andrew J; civil engineering, from University of South Alabama, $11,982, “Biodiesel-Induced Plastic Pipe Degradation in Energy Generation Cooling Water Systems.”

Whitford, Fred; botany & plant pathology, from Farm Journal Media, $866, “Purdue Pesticide Programs.”

Whitford, Fred; botany & plant pathology, from Indiana Professional Lawn Landscape Association, $300, “Purdue Pesticide Programs.”

Widmar, Nicole J; Byrd, Elizabeth S and Fulton, Joan R; agricultural economics, from University of Minnesota, $9,538, “Economic Based Decision Support for Sustainable Horse Drawn Farming Enterprises.”

Wilson, Christina R; Hammac, Gena K and Hooser, Stephen B; Animal Disease Diagnostic Laboratory, from PHS-FDA Food and Drug Administration, $99,000, “Validation and Harmonization of Testing Methods for Bacterial and Chemical Adulterants in Biological Specimens and Pet Food.”

Winer, Charles R; computer information technology — Calumet campus, from Beulahworks LLC, $1,560, “Analyze, Verify the Design and Extend the Current BeulahWorks BWCI Prototype.”

Wirth, Mary J; chemistry, from Li-Cor Biosciences, $93,819, “Silica Colloidal Crystals for High Resolution Maldi-MS of Glycoproteins.”

Wise, Kiersten A; botany & plant pathology, from SmithBucklin Corp, $366,286, “Improved Management of Charcoal Rot.”

Witt, Michael C; academic technologies, from Purdue University, $228,329, “PURR: Libraries 1415 Budget.”

Xu, Dongyan; Si, Luo and Zhang, Xiangyu; computer science, from Office of Naval Research, $25,000, “A Tale of Two Systems: Bridging Statistical Learning and Formal Reasoning for Cyber Attack Detection.”

Ye, Peide; electrical & computer engineering, from Yale University, $80,000, “III-V Unipolar CMOS.” (a Discovery Park award — Birck Nanotechnology Center)

Yehle, Karen S and Plake, Kimberly S; nursing, pharmacy practice, from Heart Failure Society of America, $10,000, “Cognitive Impairment and Depression as Mediators of the Relationship Between Health Literacy and Self-Care: a Proposed Model.”

Yeo, Yoon; industrial & physical pharmacy, from Egyptian Cultural and Educational Bureau, $20,000, “ECEB 2014; M Shaaban Taha.”

Yeo, Yoon; industrial & physical pharmacy, from Eli Lilly and Company, $90,000, “Development of Environmentally-Adaptive Theranostic Nanoparticles for Cancer Image and Therapy.”
Young, Bryan G; botany & plant pathology, from United Suppliers Inc, $4,750, “Multi-Sponsored Gift Account.”

Young, Bryan G; botany & plant pathology, from Melvin R Weaver and Sons LLC, $1,150, “Multi-Sponsored Gift Account.”

Zavattieri, Pablo D; civil engineering, from Velcro USA Inc, $100,000, “A Multiscale Strategy for the Modeling of the Mechanical Performance of Hoop and Loop Fasteners Based on a Detachment Zone Model (Dzm). Stage II: Improvement of a High Fidelity Micromechanical Model.”

Zhang, Haiyan H; engineering technology, from American Axle & Manufacturing, Inc, $44,534, “Center for Technology Development Consortium (CTD).”

Zhang, Haiyan H; engineering technology, from American Axle & Manufacturing, Inc, $5,466, “Center for Technology Development Consortium (CTD).”

Zwier, Timothy S; chemistry, from Georgetown University, $16,727, “Supporting Transfering Students.”

Zwier, Timothy S; chemistry, from American Chemical Society, $110,000, “Broadband Microwave Characterization of Pyrolysis Intermediates Formed by Oxygenated Fuels.”