
Abu-Omar, Mahdi M and Caruthers, James M; chemistry, chemical engineering, from Chevron Phillips Chemical Company, $60,000, "Kinetics of Ethylene Oligomerization to Hexene and Octene."

Adams, Douglas E; mechanical engineering, from Caterpillar Inc., $25,775, "Dynamic Data Analysis for Condition Monitoring of C175 Engine Simulation Data."

Adams, Douglas E; mechanical engineering, from Multi-Sponsored Industries, $20,000, "Purdue Center for Systems Integrity (PCSI) Consortium."

Adams, Douglas E; mechanical engineering, from Multi-Sponsored Industries, $20,000, "Purdue Center for Systems Integrity (PCSI) Consortium."

Adeola, Olayiwola; animal sciences, from JBS United Inc, $20,000, "JBS United, Inc."

Alexenko, Alina; aeronautical & astronautical engineering, from IMA Edwards, $10,000, "IMA Edwards."

Allebach, Jan P; electrical & computer engineering, from Hewlett Packard SBY PO Payment Request, $75,000, "Training-Based Halftoning Algorithms for Better Halftone Image Quality for the HP Digital Press — Phase 8."

Anderson, William E; Merkle, Charles L; Lucht, Robert P and Mongia, Hukam C; aeronautical & astronautical engineering, mechanical engineering, from National Aeronautics and Space Administration, $300,000, "Integrated Physics-Based Modeling and Experiments For Improved Prediction of Combustion Dynamics in Low-Emission Systems; Supplement 3 for Grant 105385."

Applegate, Todd J; animal sciences, from Maple Leaf Farms Inc., $18,000, "Duck Research."

Applegate, Todd J; animal sciences, from Alltech, Inc, $11,550, "Energy and Amino Acid Bioavailability of Algae Meal in Broiler Chicks."


Applegate, Todd J; animal sciences, from Indiana Soybean Alliance, $46,242, "Evaluation of Nutritional Traits of Soy Protein Concentrate (SPC) in Broiler Chicks and Turkey Poult's."

Applegate, Todd J; animal sciences, from JBS United Inc, $12,000, "Pyhtase in Poultry."

Atkinson, Dwight S; English, from Spencer Foundation, $5,000, "English in Paradise? Out-Caste, First-Generation Students in an Elite English-Medium College in India."

Bajaj, Anil K; mechanical engineering, from Cummins Business Services, $27,000, "Cummins Assistantships."

Bauer, Amy E and Johnson, April J; comparative pathobiology, from Indiana Academy of Science, $2,840, "Prevalence and Geographic Distribution of Coxiella Burnetii in Bulk Tank Milk Samples from Indiana Dairies: A Zoonotic Pathogen of Human and Animal Health Importance."

Bayley, William G; chemistry, from Multi-Sponsored Industries, $300, "Instrumentation Van Project."

Bigelow, Cale A; agronomy, from Agrotain International LLC, $3,500, "Putting Greens Research."

Bigelow, Cale A; agronomy, from Agrotain International LLC, $3,500, "Putting Greens Research."

Blaisdell, Gregory A; aeronautical & astronautical engineering, from Combustion Research and Flow Technology, Inc. (CRAFT Tech), $37,000, "Aeroacoustics of High-Speed Jet Impingement Subcontract No. 12-C-0170/C521 Amendment No. 2 to Grant 105993."


Bouck, Emily C; educational studies, from Kinley Trust, $19,662, "Promoting Independence through Assistive Technology."

Bouman, Charles A; electrical & computer engineering, from UES Inc., $60,000, "Designing Morphologies Under Target Electrical Property Constraints."

Brophy, Sean; engineering education, from National Science Foundation, $192,171, "Research Experience for Undergraduates (REU) Site: NEESreu - Network for Earthquake Engineering Simulation: Reducing Seismic Vulnerability."

Brown Vega, Margaret Y; anthropology — Fort Wayne campus, from National Geographic Society, $23,508, "The Geography of Coastal Fortifications in Prehispanic Peru: Targeted Survey in the Pativilca Valley."

Cannon, Jason R; health sciences, from University of Pittsburgh, $95,900, "Phenotype Characterization of BAC LRRK2 Transgenic Rats."

Casteel, Shaun N; Camberato, James J and Joern, Brad C; agronomy, from Indiana Soybean Alliance, $98,279, "Managing Swine Manure in Soybean Systems."

Casteel, Shaun N; agronomy, from Monsanto Company, $13,500, "Soybean Extension Research."
Chandrasekar, Srinivasan and Trumble, Kevin P; industrial engineering, materials engineering, from Army Medical Research & Development Command, $111,595, “Research Area 10: Materials Science: Synthesis and Processing of Materials: Enhancing Deformation Processing Capability; Modification 2 for Grant 105807.”

Chmielewski, Jean A and Hrycyna, Christine A; chemistry, from National Institutes of Health, $203,233, “Tools for Eradicating HIV Reservoirs in the Brain: A Trojan Horse Approach.”


Connor, Robert J; Varma, Amit H and Liu, Judy; civil engineering, from HDR, Inc, $85,371, “Research into Behavior of Strengthened Built-Up Steel Columns.”

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

Crawford, Melba M; Engineering Administration Experimenting from, from Lee, Taeshin, $10,000, “Korean Space Agency.”

Crossley, William A; Marais, Karen and Lu, Chien-Tsun; aeronautical & astronautical engineering, aviation technology, from Federal Aviation Administration, $10,000, “Partnership to Enhance General Aviation Safety, Accessiblility, and Suitability (PEGASAS).”


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

Deng, Xinyan; mechanical engineering, from University of Michigan, $60,000, “Michigan-Air Force Research Laboratory (AFRL) Collaborative Center in Control Sciences; Amendment 2.”

Dennis, Jennifer L; horticulture & landscape architecture, from Indiana Farm Market Association, $50, “Indiana Vegetable Growers Association.”

Dyke, Shirley J; civil engineering, from National Science Foundation, $12,000, “Research Experience for Undergraduates (REU): Collaborative Research: SI2-SSI: Empowering the Scientific Community with Streaming Data Middleware: Software Integration into Complex Science Environments.”

Ebert, David S and Delp, Edward J; electrical & computer engineering, from U.S. Department of Homeland Security, $250,000, “Command, Control, and Interoperability (C2I) Center of Excellence Visualization Science Co-Lead — Purdue University.” (a Discovery Park award — Discovery Park Administration)

Eremenko, Alexandre and Gabrielyov, Andrei; mathematics, from National Science Foundation, $81,546, “Morphoic Functions and Their Applications; Amendment 2 for Grant 105234.”

Fahmy, Sonia A; computer science, from Hewlett Packard SBP PO Payment Request, $10,000, “Hewlett Packard.”

Field, William E; agricultural & biological engineering, from Kossuth Street Baptist Church, $5,000, “Breaking New Ground.”

Fisher, Timothy and Ruan, Xiuliu; mechanical engineering, from Case Western Reserve University, $294,354, “Nanofabrication of Tunable 3-D Nanotube Architectures; Amendment 2 for Grant 105800.” (a Discovery Park award — Birck Nanotechnology Center)

Frampton, Pam M; Brusca-Vega, Rita; Higgonson, Melissa J; Slavin, Shawn D; Thompson, Leslie E; Trekle, Anastasia M; Wang, Fengsong and Winer, Charles R; education — Calumet campus, graduate studies in education — Calumet campus, chemistry and physics technology — Calumet campus, biological sciences — Calumet campus, computer information technology — Calumet campus, from Indiana Department of Education, $86,130, “Calypso: Students Using New and Real-Life Initiatives in Science Education.”

Friedman, Elliot M; child development & family studies, from Kinley Trust, $19,750, “Social Patternning of Chronic Illness; Moderation by Psychosocial Resources.”

Garimella, Suresh V; mechanical engineering, from Intel Corporation, $92,000, “Ultra-Thin Vapor Chambers.”

Garimella, Suresh V; mechanical engineering, from Multi-Sponsored Industrials, $30,000, “Cooling Technologies Research Center (CTRC) 2011 Membership.”

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

Garimella, Suresh V; mechanical engineering, from Madison Chamber and Economic Development, $7,500, “MOU with Madison Area Chamber of Commerce (M-A-C-C).”

Garimella, Suresh V; Janes, David B; Peroulis, Dimitrios and Weibel, Justin A; mechanical engineering, electrical & computer engineering, from Defense Advanced Research Projects Agency, $234,918, “Microcooling for Intensely Concentrated Electronics (MicroCE): an Intrachip Approach.”

Garrison, James I; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $2,342, “Remote Sensing of Ice and Snow with Ku/Ka Band Satellite Communication Signals; Supplement 1 for Grant 106336.”

Gelvin, Stanton B; biological sciences, from National Science Foundation, $11,000, “Collaborative Research: Novel Proteins Required for Gene Transfer to Plants.”

Gelvin, Stanton B; biological sciences, from National Science Foundation, $105,000, “Collaborative Research Proposal: Novel Proteins Required for Gene Transfer to Plants.”


Grant, Richard H; agronomy, from Colorado State University, $2,500, “Climatological Monitoring of Ultraviolet Radiation.”

Greeley, Jeffrey P; chemical engineering, from Argonne National Laboratory, $252,500, “Periodic Density Functional Theory Studies of Heterogeneous Catalysis, Battery Science, and Nanoscience.”

Grismer, Melinda A; field extension educators, from Learning Network of Clinton County, $32,936, “Claudia Houchen Support from Learning Network.”

Groll, Eckhard A; mechanical engineering, from Holekamp Foundation, $11,000, “Testing of Innovative CO2 Compressors.”

Harbor, Jonathan M; earth & atmospheric sciences, from Exxon Mobil Exploration Company, $5,000, “Ruth Arnoff Support.”
Heister, Stephen D; Lucht, Robert P and Meyer, Scott E; aeronautical & astronautical engineering, mechanical engineering, from Rolls-Royce Corporation, $458,000, “2013 Statement of Work for Rolls-Royce High Mach UTC.”

Hoelscher, Laura A; agricultural communication, from Board of Director of Extension Journal, Inc., $56,505, “Journal of Extension—2013.”

Hoffman, Aaron M and Kowal, Christopher J; political science, consumer science & retail, from Kinley Trust, $20,000, “Terrorism Coverage and the Fear of Terrorism.”

Howe, Katherine M; botany & plant pathology, from Multi-Sponsored Industrials, $30, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Multi-Sponsored Industrials, $100, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Multi-Sponsored Industrials, $20, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Multi-Sponsored Industrials, $50, “Katherine Howe Gift Fund.”

Howell, Kathleen; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $100,000, “Orbital Infrastructures and Space Manifold Dynamics for Flexible Design, Analysis, and Operations.”


Isaac-Lam, Meden F; chemistry — North Central campus, from Indiana Academy of Science, $2,873, “In Vitro Nuclear Magnetic Resonance (NMR) and IR Spectroscopy of Photosensitized Human Prostate Cells.”

Ivantysynova, Monika; Lumkes, John H and Martini, Ashlie M; agricultural & biological engineering, mechanical engineering, from University of Minnesota, $1,500, “Engineering Research Center (ERC) for Compact and Efficient Fluid Power; Amendment 18.” (a Discovery Park award — Energy Center)

Jiang, Keyuan; computer information technology — Calumet campus, from Harmony Link, Inc., $9,492, “Analysis of HL System Design.”


Johnson, William G and Wise, Kiersten A; botany & plant pathology, from Indiana Corn Marketing Council, $10,867, “The Effect of Herbicide-Resistant Volunteer Corn Growing in Corn on Grain Quality and Mycotoxin Contamination.”

Johnson, William G; botany & plant pathology, from DuPont Crop Protection, $2,100, “Weed Research.”

Johnson, William G; botany & plant pathology, from DuPont Crop Protection, $10,000, “Weed Research.”

Johnson, William G and Hallett, Steven G; botany & plant pathology, from Indiana Soybean Alliance, $30,000, “Understanding Glyphosate Resistance in Common Water-hemp and Palmer Amaranth.”


Jones, Timothy M and Bortolotto, Daniela; physics, from University of Notre Dame, $8,999, “QuarkNet at Purdue University.”


Karwa, Rakhi and Pastakia, Sonak D; pharmacy practice, from Indiana University School of Medicine, $4,525, “East Africa International Epidemiologic Database to Evaluate AIDS (IeDEA) Regional Consortium.”

Keener, Kevin M; food science, from Auburn University, $75,930, “Course Development in Program Area: Sanitation Part 2 (014) for Auburn University Food Systems Initiative.”

Kenttamaa, Hilkka I; chemistry, from Neste Oil Oyj, $7,500, “Kenttamaa Voluntary Support.”

Key, Nicole L; mechanical engineering, from Rolls-Royce Corporation, $346,000, “Centrifugal Compressor Research for Lower Specific Speed Applications.”

Key, Nicole L; mechanical engineering, from Pratt & Whitney Group, $43,000, “Characterization of Vane Row Response in Multistage Compressor.”

Key, Nicole L and Chen, Jun; mechanical engineering, from National Aeronautics and Space Administration, $290,000, “An Experimental Investigation of the Flow Physics Associated with End Wall Losses and Large Rotor Tip Clearances; Supplement 3 for Grant 105405.”

Kihara, Daisuke; biological sciences, from National Science Foundation, $480,195, “AB Innovation: Protein Functional Site Identification Using Sequence Variation.”

Kim, Chang H and Hogenesch, Harm; comparative pathobiology, school of veterinary medicine - administration, from National Multiple Sclerosis Society, $23,021, “Impact of Short Chain Fatty Acids Produced by Gut Commensal Bacteria on Pathogenesis of CNS Inflammation.”

Kirkpatrick, Jane M; Aaltonen, Pamela M; Coddington, Jennifer A and Oneil, Elizabeth A; nursing, from PHS-NIH National Center for Health Resources and Services Administration, $170,640, “North Central Nursing Clinics (NCNC) for Grant 105206.”

Kladivko, Eileen J; agronomy, from Iowa State University, $253,830, “Climate Change, Mitigation, and Adaptation in Corn-Based Cropping.”

Klimeck, Gerhard; electrical & computer engineering, from Ruhr University Bochum, $14,010, “Graduate Student Support.”

Klimeck, Gerhard; electrical & computer engineering, from Ruhr University Bochum, $12,000, “Graduate Student Support.”

Klimeck, Gerhard; electrical & computer engineering, from Semiconductor Research Corporation, $100,000, “Advanced Quantum Device Simulation Using NEMOS.” (a Discovery Park award — Network for Computational Nanotechnology)

Knapp, Deborah W; Dhawan, Deepika and Ramos-Vara, Jose A; veterinary clinical science, animal disease diagnostic laboratory, from Animal Cancer Foundation, $50,000, “Exploiting Folate Receptors to Transform Bladder Cancer Therapy.”

Lee, Linda S and Dukes, Jeffrey S; graduate school administration, forestry & natural resources, from National Institute of Food & Agriculture, $8,000, “IRTA for the Effects of Extreme Precipitation Regimes on Litter Quality and Mixed Litter Decomposition.”

Lee, Seokcheon; industrial engineering, from Korean Environmental Industry & Technology Institute, $2,558, “Advanced GHG Emission Forecasting Model for Bottom-Up and Top-Down to Considering Technological Evolution.”

Lelievre, Sophie A; basic medical science, from National Institutes of Health, $69,000, “High-Throughput Human Cell-Based Models for Primary Prevention of Breast Cancer.”

Lemenager, Ronald P; animal sciences, from Select Sires, $30,000, “Bovine Reproduction.”

Li, Zhiyuan; computer science, from Intel Corporation, $40,000, “Intel - Dynamic Dependence.”

Lister, James D; chemical engineering, from Process Systems Enterprise Limited, $22,000, “Process Systems Enterprise.”

Liu, Julie C; chemical engineering, from 3M General Offices, $15,000, “Engineering Protein Polymers with Tunable Material-Based Cues for Directing Stem Cell Differentiation.”

Liu, Lu; industrial engineering, from National Association of Regulatory Utility Commissioners, $16,500, “Co-Optimization of Transmission and Other Supply Resources.”

Liu, Shuang; health sciences, from Purdue University, $30,000, “[9mTc-3P-RGD2SPECT/CT for Noninvasive Monitoring of Linifanib Therapy.”

Lloyd, Lyle L; educational studies, from John M or Helen H Arvidson (Individual Donor), $100, “AAC Program Support.”

Lopez, Roberto G; horticulture & landscape architecture, from Multi-Sponsored Industries, $3,500, “Multi-Sponsored Gift Account.”

Lopez, Roberto G; horticulture & landscape architecture, from American Floral Endowment, $500, “Floriculture Forum.”

Lopez, Roberto G; horticulture & landscape architecture, from Multi-Sponsored Industries, $50, “Multi-Sponsored Gift Account.”

Lopez, Roberto G; horticulture & landscape architecture, from Multi-Sponsored Industries, $5,000, “Multi-Sponsored Gift Account.”

Lopez-De-Bertodano, Martin A; nuclear engineering, from Bechtel Bettis, Inc., $46,210, “Near Wall Two-Fluid Model for Bubbly Flow.”

Lynall, Matthew D; management, from Purdue University, $3,575, “Krannerts Experiential Learning Initiative (ELI).”

MacDermid Wadsworth, Shelley; child development & family studies, from Rolling Thunder Inc, $500, “STANDDOWN.”

MacDermid Wadsworth, Shelley; child development & family studies, from Michigan State University, $20,026, “Star Behavioral Health Provider Initiative.”

Mansfield, Charles W; agronomy, from Bayer CropScience LP, $3,000, “Corn Research.”


Mason, Linda J; entomology, from Higher Education Commission Pakistan, $3,500, “Bench Fees-Saleem Shahzad.”

Mason, Linda J; Graduate School Administration, from Innophos Inc, $5,580, “Urban and Industrial Pest Management Research.”

Mauzer, Lisa J; food science, from Multi-Sponsored Industries, $4,500, “Multi-Sponsored Gift Funds.”

McCullough, Bobby G; construction engineering & management, from National Local Technical Assistance Program Association, $1,320, “National Local Technical Assistance Program Association (NLTAPA) Website.”

McKee, Renee K; youth development & agricultural education, from National 4-H Council, $82,000, “4-H National Mentoring Program.”

McNamara, Kevin T; agricultural economics, from Council for International Exchange of Scholars, $236,686, “Junior Faculty Development Program for Afghanistan.”

McMohian, Kenneth; physics, from Massachusetts Institute of Technology, $455,407, “GRAIL - Gravity Recovery and Interior Lab-Phase E&F; Amendment 5.”

Merwade, Yiwei Yi; civil engineering, from Purdue University, $30,000, “Multi-Sponsored Gift Account.”

Meyer, Scott E and Bane, Sally P; mechanical engineering, aeronautical & astronautical engineering, from Sandia National Laboratories, $20,000, “SNL Remote Propellant Testing.”


Mintert, James R; agriculture — administration, from Indiana Cooperative Development Center, $128,616, “ICDC 2013.”

Monteith, Margo J; psychological science, from Kinley Trust, $20,000, “Female Under-Representation in Positions of Power and Leadership: The Constrained Choice Perspective.”


Nagy, Zoltan; chemical engineering, from Purdue Research Foundation - XR Grants, $17,287, “Model-Based Robust Control of Batch & Continuous Crystallization Systems.”

Neville, Jennifer L; computer science, from National Science Foundation, $95,167, “Faculty Early Career Development (CAREER): Machine Learning Methods to Support Computational Social Science; Amendment 1 for Grant 105771.”

Nielsen, S S; food science, from Multi-Sponsored Industries, $80, “Multi-Sponsored Gift Funds.”

Nielsen, S S; food science, from Multi-Sponsored Industries, $75, “Multi-Sponsored Gift Funds.”

Patton, Aaron J; Bigelow, Cale A and Jiang, Yiwei; agronomy, from Midwest Regional Turf Foundation, $18,325, “Midwest Regional Turf Foundation.”

Patton, Aaron J; Bigelow, Cale A and Jiang, Yiwei; agronomy, from National Institutes of Health, $75,000, “Examining Carbon Sequestration in Turfgrasses at the Whole Plant and System Level.”

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

Peroulis, Dimitrios; electrical & computer engineering, from IMA LIFE, $8,300, “IMA LIFE.” (a Discovery Park award — Birck Nanotechnology Center)
Pijanowski, Bryan C; Salazar, Kara A and Doucette, Jarrod S; forestry & natural resources, Illinois-Indiana Sea Grant program, from University of Illinois, $11,000, “Tipping Point Planner Project Implementation.”

Pinal, Rodolfo; industrial & physical pharmacy, from Multi-Sponsored Industrials, $70,000, “Center for Pharmaceutical Processing Research Consortium.”

Pinal, Rodolfo; industrial & physical pharmacy, from Multi-Sponsored Industrials, $35,000, “Center for Pharmaceutical Processing Research Consortium.”

Pizlo, Zygmunt; psychological science, from Sandia National Laboratories, $10,000, “Support from Sandia.”

Post, Carol B; medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute of General Medical Science, $282,493, “Nuclear Magnetic Resonance (NMR) Structure of Peptide and Protein Complexes.”

Pourpoint, Timothee L; aeronautical & astronomical engineering, from Kirk Strawn, $10,000, “AAE 535 Design Build Test.”

Prokopy, Linda S; forestry & natural resources, from Kinley Trust, $20,000, “The Impact of the 2012 Drought on Midwestern Farm Advisors Perceptions, Attitudes and Willingness to Respond to Climate Change.”

Prokopy, Linda S; forestry & natural resources, from Environmental Defense Fund, $25,000, “Demonstration Watersheds Case Studies — Phase I.”

Pujol, Santiago; civil engineering, from ERICO International Corporation, $2,000, “Multi Voluntary Support Account.”


Qiao, Li; aeronautical & astronomical engineering, from Air Force Office of Scientific Research, $120,000, “Combustion Chemistry and Dynamics in Nanoscale Confined Environments.”

Radcliffe, John S; animal sciences, from BASF Plant Science LLC, $7,000, “Multi-Sponsored.”

Ramirez, Julio A; Eigenmann, Rudolf; Brophy, Sean; Hacker, Thomas J; Sozen, Mete A; Pujol, Santiago; Bagchi, Saurabh; Malik, Tanu and Irfanoglu, Ayhan; civil engineering, electrical & computer engineering, engineering education, computer & information technology, Discovery Learning Center, from National Science Foundation, $4,500,000, “Network for Earthquake Engineering Simulation (NEES) Operations: FY 2010-FY2014.”

(a Discovery Park award — Cyber Center)

Richert, Brian T; animal sciences, from Fleischmanns Yeast Inc., $20,000, “Swine Research.”

Richard, Brian T; animal sciences, from Fleischmanns Yeast Inc., $30,000, “Swine Research.”

Rogers, Marcus K; computer & information technology, from Multi-Sponsored Industrials, $1,500, “Forensic Seminars.”

Rogers, Marcus K; computer & information technology, from Multi-Sponsored Industrials, $500, “Forensic Seminars.”

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Rogers, Marcus K; computer & information technology, from Multi-Sponsored Industrials, $1,000, “Forensic Seminars.”

Rossmann, Michael G; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $359,966, “Structure and Function of Icosahedral Viruses.”

Rotar, Sean M; horticulture & landscape architecture, from Indiana Chapter America Soc Landscape Architects, $500, “Cost Share for Grant 106250.”

Roy, Kaushik; Datta, Supriyo and Raghunathan, Anand; electrical & computer engineering, from University of Minnesota, $379,200, “Center for Spintronics, Nano-interfaces and Novel Architectures — C-SPIN.”

Sadeghi, Farshid; mechanical engineering, from Tecumseh Compressor Group, $20,000, “Tribology Lab Research.”

Sadeghi, Farshid; mechanical engineering, from Tecumseh Compressor Group, $5,000, “Tribology Lab Research.”

Sanders, John H; agricultural economics, from University of Nebraska, $50,000, “Developing New Input and Product Markets in West Africa and Central America.”

Schoenlein, William E; biomedical engineering, from SonarMed Inc, $14,413, “Evaluation of Safety and Effectiveness of the SmartTube Monitoring System.”

Schwichtenberg, Amy J; child development & family studies, from PHS-NIH National Institute of Mental Health, $249,000, “Self-Regulation and Sleep in Children at Risk for Autism Spectrum Disorders.”

Seidl, Amanda H; speech, language & hearing science, from Kinley Trust, $20,000, “Effects of Autism and Autistic-Like Traits on Speech Processing.”

Shah, Kavita; chemistry, from National Institutes of Health, $57,750, “Chemical Genetic Dissection of Aurora A in Promoting EMT and Stem Cells Phenotype.”


Shively, Gerald E; agricultural economics, from Tufts University, $71,288, “Nutrition Collaborative Research Support Programs (CRSP), Focus on Asia.”

Shukle, Richard H; entomology, from Agricultural Research Service, $20,672, “Acquisition of Goods and Services.”

Sloan, Mary Anne; Technical Assistance Program, from Multi-Sponsored Industrials, $4,560, “Multi-Sponsor Account I-HITEC.”

Smith, Mtj; graduate school administration, from National Science Foundation, $1,069,500, “2012-13 NSF Graduate Research Fellowship Program (GRFP).”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $1,004, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $1,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $2,012, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $3,000, “Sensory Evaluation Research.”
Smith, Richard S; food science, from Hinsdale Farms Ltd, $3,500, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $3,010, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $1,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $1,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $2,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $2,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $3,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $2,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $2,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $3,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $2,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $750, “Sensory Evaluation Research.”

Snyder, Margie E; pharmacy practice, from National Association of Chain Drug Stores, Inc, $1,000, “2013 Heart to Heart Community Health Fair.”

Spafford, Eugene H; computer science, from John Wiley & Sons Limited England, $1,500, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.”

Strobel, Johannes; engineering education, from Chaminade University of Honolulu, $21,099, “Technology Enhanced Sustainable Aina Project (TESAP).”

Strobel, Johannes; engineering education, from Chaminade University of Honolulu, $1,200, “Technology Enhanced Sustainable Aina Project (TESAP).”

Tao, Weiguo A; biochemistry, from Tymora Analytical Operations, LLC, $10,000, “Development of Novel Dendrimer-Based Technologies for Phosphorylation Analyses — Phase II.”


Teegarden, Dorothy; health and human sciences, from Purdue University, $5,000, “Obesity & Cancer.”

Trice, Rodney W; materials engineering, from Rolls-Royce Corporation, $8,295, “AE1107C HP Turbine Vane Internal Coating - IR39159; Type I Hot Corrosion Test of Coated Coils.”

Trumble, Kevin P; Chandrasekar, Srinivasan and Efe, Mert; materials engineering, industrial engineering, from Trask Trust Fund, $37,950, “Scale-Up of LSEM: A Low-Cost and Energy-Efficient Manufacturing Process for Metal Sheets and Strips.”

Turco, Ronald F; Blatchley, Ernest R; Whitford, Fred; Chen, Dong; Jafvert, Chad T and Nies, Loring F; agronomy, civil engineering, botany & plant pathology, from U.S. Geological Survey, $55,525, “2013 Program Support for the Indiana Water Resources Research Center (IWRRC).” (a Discovery Park award — Global Sustainability)

Varma, Arvind; chemical engineering, from Eli Lilly and Company, $98,917, “Trickle-Bed Reactors: Experimental Studies for Pharmaceutical Applications.”

Vitek, Olga; computer science, from Stanford University, $9,000, “Statistical Imaging Mass Spectrometry-Based Proteomics.”

Volencic, Jeffrey J; agronomy, from International Plant Nutrition Institute, $17,500, “Global Maize.”

Volencic, Jeffrey J; agronomy, from International Plant Research Institute, $7,500, “Biofuel Research.”

Vyn, Tony J; agronomy, from Fluid Fertilizer Foundation, $5,000, “Agricultural Cropping Systems.”

Vyn, Tony J; agronomy, from Fluid Fertilizer Foundation, $5,000, “Agricultural Cropping Systems.”

Vyn, Tony J; agronomy, from Indiana Corn Marketing Council, $49,864, “Indiana Contributions to Global Corn Modeling Project.”

Watts, Val J and Hill, Catherine A; medicinal chemistry & molecular pharmacology, entomology, from Purdue University, $94,676, “Development of a Receptor-Mediated B-Arrestin Signaling Assay Platform Using Bimolecular Fluorescence Complementation (BiFC).”

Weaver, Connie M; foods & nutrition, from Kraft Foods Global, Inc, $6,000, “Corporate Affiliates Fund.”

Weaver, Connie M and McCabe, George P; foods & nutrition, science — administration, from Alliance for Potato Research and Education, $345,923, “BioAvailability of Potassium from Potatoes and Potassium Citrate.”

Weaver, Connie M; foods & nutrition, from Kraft Foods Global, Inc, $75, “Corporate Affiliates Fund.”

Weaver, Connie M; foods & nutrition, from Kraft Foods Global, Inc, $150, “Corporate Affiliates Fund.”

Weaver, Connie M; foods & nutrition, from Kraft Foods Global, Inc, $75, “Corporate Affiliates Fund.”

Weiner, Andrew M; electrical & computer engineering, from Technology Service Corporation, $120,000, “Optical Comb Generator.”

Wendt, Oliver; speech, language & hearing science, from Organization for Autism Research, $30,000, “An Experimental Evaluation of Matrix Training to Teach Graphic Symbol Combinations in Severe Autism.”

Westphal Benefiel, Melissa A; development office — North Central campus, from TCU Foundation, $5,000, “2013/14 TCU Foundation Scholarship for PNC College Bound Scholarship Fund.”

Whitford, Fred; botany & plant pathology, from Professional Landcare Network Inc, $100, “Purdue Pesticide Programs.”

Whitford, Fred; botany & plant pathology, from Professional Landcare Network Inc, $303, “Purdue Pesticide Programs.”

Whitford, Fred; botany & plant pathology, from Professional Landcare Network Inc, $600, “Purdue Pesticide Programs.”
Wise, Kiersten A and Johnson, William G; botany & plant pathology, from Indiana Corn Marketing Council, $8,223, “The Impact of Weed Species on Goss Wilt Survival and Development in Corn.”

Wise, Kiersten A; botany & plant pathology, from Iowa State University, $64,548, "Transgenic Approaches in Managing Sudden Death Syndrome in Soybean.”


Wise, Kiersten A; Faghihi, Jamal; Ferris, Virginia R and Hughes, Teresa J; botany & plant pathology, entomology, from Indiana Soybean Alliance, $23,594, “Understanding the Impact of Soybean Cyst Nematode on Sudden Death Syndrome Development.”

Yaninek, John S and Bledsoe, Larry W; entomology, from Indiana Department of Natural Resources, $9,338, "Indiana Agricultural Pest Surveys (CAPS) 2013.”

Ye, Peide; electrical & computer engineering, from Samsung Electronics Co., Ltd, $120,000, "III-V 4D Transistors.” (a Discovery Park award — Birck Nanotechnology Center)

Youngblood, Jeffrey P and Trice, Rodney W; materials engineering, from Rolls-Royce Corporation, $25,000, "Development of Sol-Gel Coating for Turbine Disk.”

Zelaznik, Howard N; health & kinesiology, from University of Vermont, $12,201, “A Translational Approach to Evaluating the Effects of Physical Activity on Attention Deficit Hyperactivity Disorder (ADHD); Amendment 5.”

Zentner, Michael G; Beyerlein, Michael M; Klimeck, Gerhard and McLennan, Michael J; academic technologies, industrial technology, electrical & computer engineering, from National Science Foundation, $99,718, “CIF21 DIBBs: Conceptualization of the Social and Innovation Opportunities of Data Analysis.” (a Discovery Park award — Network for Computational Nanotechnology)

Zhang, Xiangyu and Xu, Dongyan; computer science, from TT Government Solutions Inc., $58,088, "PO 20016198 Modification No. 2 to Grant 105824.”

Zheng, Wei and Pushkar, Yulia N; health sciences, physics, from PHS-NIH National Institute of Environmental Health Science, $302,179, “Choroid Plexus as a Target in Metal-Induced Neurotoxicity.”

Zhou, Chenn Q; Center for Innovation through Visualization & Simulation, from U.S. Steel Corporation, $4,828, "Development of User Interface Software for Blast Furnace Shaft Computational Fluid Dynamics (CFD) Model.”

Zhou, Chenn Q; Center for Innovation through Visualization & Simulation, from Citgo Petroleum Corporation, $33,298, “CO Boiler 12B-2 Computational Fluid Dynamics (CFD) Study.”

Ziegler, Stephen J; public environmental affairs — Fort Wayne campus, from Purdue Pharma LP, $9,997, "An Examination of the Impact and Viability of Balanced Drug Enforcement Policies in Pharmaceutical Diversion Investigations.”

Zollner, Patrick A; forestry & natural resources, from The Nature Conservancy, $17,000, "Oak Barrens Research Small Mammal Research.”

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