Abbott, Angela R.; health and human sciences, from CICOA, $30,000, “Central Indiana Council on Aging Inc. (CICOA)-Dining with Diabetes Academy.”

Abbott, Angela R.; health and human sciences, from CICOA, $38,200, “Central Indiana Council on Aging Inc. (CICOA)-Dining with Diabetes Academy.”

Abel, Steven R and Jones, Kellie L; pharmacy practice, from Clarian Health Partners, Inc., $82,865, “Co-Funded Position with Indiana University Health.”

Adeola, Olayiwola; animal sciences, from DSM Nutritional Products, Inc., $85,000, “DSM.”

Adeola, Olayiwola; animal sciences, from AB Agri Limited, $28,000, “AB Vista.”

Adler, Howard; hospitality & tourism, from Purdue University, $17,608, “The Impact of Perceived Supervisory Support on Hotel Employee Well-Being and Turnover Intention.”

Agnew, Christopher R; psychological science, from Purdue Research Foundation (PRF) Summer Research Grants, $2,987, “2013 GS SRG - PSYS.”

Agnew, Christopher R; psychological science, from Purdue University, $17,608, “Is the Hostile Attribution Bias Really a Bias? Examining the Relationship Between Threat Detection and Dispositional Distrust.”

Aguilar, Ruben C; Thompson, David H; Crist, Scott A and Ratliff, Timothy L; biological sciences, chemistry, comparative pathobiology, from PHS-NIH National Cancer Institute, $50,677, “Targeting of Attachment Van Project.”

Ajuwon, Kolapo; animal sciences, from Nutriad, $17,500, “Swine Research.”

Alexeenko, Alina; aeronautical & astronautical engineering, from IMA Edwards, $5,000, “IMA Edwards.”


Allen, Emily L; English, from Purdue University, $17,608, “The Law and the Lady: Consent and Marriage in Nineteenth-Century British Literature.”

Anderson, Joseph M; agronomy, from Agricultural Research Service, $85,244, “Improvement of Soft Winter Wheat that is Resistant to FHB and Adapted to Indiana.”

Anderson, William E; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $68,000, “Measurement of Combustion Response to Transverse Modes at High Pressure - NASA Space Technology Research Fellowship (NSTRF) Fellowship for Matt Wierman.”

Andrisani, Ourania M; basic medical science, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $308,439, “Mechanism(s) of Hepatocyte Transformation by the Hepatitis B Virus X Protein.”


Arapura, Donu V; mathematics, from Purdue University, $17,608, “Picard Maximal Varieties.”

Aref, Walid G; Ouzzani, Mourad and Gribskov, Michael R; computer science, Cyber Center, biological sciences, from Qatar National Research Fund, $367,407, “Scientific Data Management on the Cloud.” (a Discovery Park award — Cyber Center)

Basu, Saugata; mathematics, from National Science Foundation, $368,837, “AF: Small: Algorithmic and Quantitative Semi-Algebraic Geometry and Applications.”

Baudoin, Fabrice; mathematics, from Purdue University, $17,608, “Curvature Dimension Inequalities and Related Functional Inequalities on Contact Manifolds.”

Bayley, William G; chemistry, from Multi-Sponsored Industrials, $299, “Instrumentation Van Project.”

Beaulieu, Lionel J; agricultural economics, from Mississippi State University, $400,424, “Stronger Economies Together - USDA RD Cooperative Agreement No. RBS-10-39.”

Beckerman, Janna L; botany & plant pathology, from Ross Graduate Fellowship-Assistantship, $15,893, “Abott, Chelsi P.”

Ben-Amotz, Dor; chemistry, from Purdue University, $17,608, “Spectroscopic, Kinetic and Thermodynamic Studies of Molecular Interfacial Ion Binding.”

Bergmann, Michael A and Brower, Jeffrey E; philosophy, from John Templeton Foundation, $60,298, “Faith and Reason: Themes from Swinburne.”

Bhattacharya, Tithi; history, from Purdue University, $17,608, “Tools of Emancipation: Western Science and the Empowerment of Women in Colonial India.”

Bhunia, Arun K and Vemulapalli, Ramesh; food science, comparative pathobiology, from University of Notre Dame, $66,594, “A Rapid and High-Throughput Pathogen RNA Detection System for Dairy Products.”

Bigelow, Cale A; agronomy, from Agrotaín International LLC, $10,000, “Putting Greens Research.”

Blackmon, Samantha; English, from Purdue University, $17,608, “Rethelogizing Technological Environments: Booth Babes , Bitches and the (Em)bodiment of Procedural Ethics.”

Blankenship, Bonnie T and Harper, William A; health & kinesiology, from Indiana Department of Education, $45,001, “Purdue Athletics Life Success Program 2013 - PALS_IDOE Summer Food Program.”
Blatchley, Ernest R; civil engineering, from Citizens Energy Group, $92,050, “Design and Validation Protocol for Large-Scale UV Disinfection Systems for Municipal Wastewater: Quantification of Ultraviolet (UV) Dose-Responde Behavior, Including Variability.”

Bofdering, Laura C; curriculum & instruction, from Purdue University, $17,608, “Through Their Eyes: Early Childhood Teachers as Learners and Teachers of Mathematics.”

Bofdering, Laura C; curriculum & instruction, from National Academy of Education, $55,000, “Investigating the Conceptual Basis for the Early Introduction of Negative Numbers.”

Bolstasseva, Alexandra; Narimanov, Evgeni E and Shalaev, Vladimir M; electrical & computer engineering, from Army Research Office, $150,000, “Unlocking New Physics with Improved Plasmonic Materials-INC Grant 105573.” (a Discovery Park award — Birck Nanotechnology Center)

Bolstasseva, Alexandra; Narimanov, Evgeni E and Shalaev, Vladimir M; electrical & computer engineering, from Army Research Office, $15,000, “Unlocking New Physics with Improved Plasmonic Materials.” (a Discovery Park award — Birck Nanotechnology Center)

Bouck, Emily C; educational studies, from Purdue University, $17,608, “Comparing the Effectiveness of Two Appbased Number Lines in Teaching Price Comparison for Students with Autism.”

Boudouris, Bryan W; Beaudoin, Stephen P; Doucette, Suzanne C; Greely, Jeffrey P; Liu, Julie C; Xia, Yu and Yuan, Chongli; chemical engineering, chemistry, from American Chemical Society, $10,000, “ACS Project SEED at Purdue University 2013.”

Boudouris, Bryan W; chemical engineering, from Air Force Office of Scientific Research, $120,000, “Molecular Design and Device Application of Radical Polymers for Improved Charge Extraction in Organic Photovoltaic Cells; Modification 1 for Grant 105900.”

Boorman, Charles A; electrical & computer engineering, from UES Inc., $29,000, “Microscopy Collaboration.”

Braile, Lawrence W; earth & atmospheric sciences, from Multi-Sponsored Industrials, $100, “SAGE Industrial.”

Braile, Lawrence W; earth & atmospheric sciences, from Society of Exploration Geophysicists, $20,000, “Support for SAGE (Summer of Applied Geophysical Experience) 2013.”

Briggs, Scott D; biochemistry, from Purdue University, $17,608, “Understanding the Role of Set3 in Ergosterol Gene Expression and Ergosterol Production in Saccharomyces Cerevisiae.”

Briggs, Scott D; biochemistry, from Purdue University, $46,600, “12-13 Office of the Vice President for Research (OVPR) Bridge Fundings: The Role of Set1-Mediated Methylation in Chromatin Function.”

Brodgen, Thomas F; IDIS Program — philosophy and literature, from Purdue University, $17,608, “Language and Attribution: Women and Identity.”

Brown Vega, Margaret Y; anthropology — Fort Wayne campus, from National Science Foundation, $70,341, “The Chronology of Warfare in the Huaura Valley, Central Coast of Peru.”

Buckius, Richard O; Vice President for Research, from Purdue University, $17,608, “1314 XR Research Grant: Indiana University Purdue University at Indianapolis (IUPUI) - Science, Dr. Rajeev Raje (Co-PI Dr. Mihran Tuceryan), Computer and Information Science a Distributed Framework for Indoor Location Tracking.”

Buckius, Richard O; Vice President for Research, from Purdue University, $17,608, “1314 XR Research Grant: Indiana University Purdue University at Indianapolis (IUPUI) - Engineering/Technology, Dr. Du, Ece Pedestrian Visual Clutter Analysis Using Naturalistic Driving Data.”

Buhman, Kimberly K; foods & nutrition, from Purdue University, $17,608, “Mechanism of Dietary Fat Absorption in Obesity and Type 2 Diabetes.”

Bullock, Darcy M; civil engineering, from Sensys Networks Inc, $15,000, “Bullock Voluntary Support Acct.”

Bullock, Darcy M; civil engineering, from Indiana Department of Transportation, $578,071, “Joint Transportation Research Program (JTRP) Administrative Budget for FY 2014.”

Burdick, Steven J; curriculum & instruction, from Purdue University, $17,608, “Exploring Local Pedagogies of Science in Rural Latino Communities.”

Burke, Sarah J; field extension educators, from Hancock County Community Foundation, $1,250, “Kindergarten 101.”

Cambrerto, James J; agronomy, from Multi-Sponsored Industrials, $1,500, “Multi-Sponsored.”

Campanella, Osvaldo H; agricultural & biological engineering, from Blume Distillation, LLC, $7,000, “Multi-Sponsored Gift Account.”

Campanella, Osvaldo H; agricultural & biological engineering, from Blume Distillation, LLC, $7,000, “Multi-Sponsored Gift Account.”

Campbell, Noll L and Weber, Zachary A; pharmacy practice, from Regenstrief Institute for Health Care, $59,355, “Development and Feasibility of a Medication Adherence Protocol for Older Adults with Mild Cognitve Impairment.”

Cannon, Jason R and Rochet, Jean-Cristophe; health sciences, medicinal chemistry & molecular pharmacology, from Showalter Trust, $75,000, “Mechanisms of PhIP-Mediated Neurotoxicity and Relevance to Parkinson’s Disease.”

Casteel, Shaun N; agronomy, from Agricultural Research Service, $55,494, “New Modes of Wheat Resistance Against Hessian Fly.”

Casteel, Shaun N; agronomy, from Monsanto Company, $6,000, “Saved Soybean Seed: Genetics.”

Catlin, Ann C; academic technologies, from Foundation for Thymic Cancer Research, $22,672, “Interactive International Thymic Malignancy Interest Group (ITMIG) International Prospective and Retrospective Databases.”

Chang, Chun-Ju; Irudayaraj, Joseph M and Thompson, David H; basic medical science, agricultural & biological engineering, chemistry, from Showalter Trust, $75,000, “Noninvasive Imaging of miR-200c as a Biomarker for Early Detection of Aggressive Breast Cancer.”

Chapman, Robert N; forestry & natural resources, from Wildlife Society, Indiana Chapter, $1,000, “Voluntary Support — Ext. Activities.”

Chapman, Robert N; forestry & natural resources, from Wildlife Society, Indiana Chapter, $500, “Voluntary Support — Ext. Activities.”

Chapman, Robert N; forestry & natural resources, from Wildlife Society, Indiana Chapter, $500, “Voluntary Support — Ext. Activities.”

Chapman, Robert N; forestry & natural resources, from Wildlife Society, Indiana Chapter, $500, “Voluntary Support — Ext. Activities.”
Chapman, Robert N; forestry & natural resources, from Wildlife Society, Indiana Chapter, $2,500, “Voluntary Support — Ext. Activities.”

Chapman, Robert N; forestry & natural resources, from Wildlife Society, Indiana Chapter, $500, “Voluntary Support — Ext. Activities.”

Chapman, Robert N; forestry & natural resources, from Wildlife Society, Indiana Chapter, $300, “Voluntary Support — Ext. Activities.”

Chapple, Clint C; biochemistry, from Ross Graduate Fellowship-Assistantship, $17,556, “Sorlien, Erin La.”

Chapple, Clint C; biochemistry, from U.S. Department of Energy, $144,213, “Phenylpropanoid Metabolism in Arabidopsis: The Role of REF4; Modification 6 for Grant 102711.”

Chen, Weinong W; aeronautical & astronautical engineering, from Office of Naval Research, $40,000, “Ballistic Energy Dissipation through the Failure of Dyneema; Modification 3 for Grant 105401.”

Chen, Weinong W; aeronautical & astronautical engineering, from Corvid Technologies, $15,000, “High Strain Rate Characterization of Hybrid III Adaptive Trajectory Design (ATD) and Military Boot Polymer Materials, TASK 2.”

Chen, Weinong W; aeronautical & astronautical engineering, from University of Delaware, $56,456, “Materials in Extreme Dynamic Environments (MEDE) Collaborative Research Alliance.”

Chen, Yong P; physics, from National Institute of Standards & Technology, $127,145, “Quantum Electronic Metrology in Graphene Nanostructures; Amendment 1.” (a Discovery Park award — Birck Nanotechnology Center)

Chen, Zihong; electrical & computer engineering, from National Science Foundation, $100,000, “Grant Opportunities for Academic Liaison with Industry (GOALI): Creating Novel Graphene-Based Meta-Materials through Nano-Patterning-Grant 105982.”

Cheng, Gary J and Ruan, Xiulin; industrial engineering, mechanical engineering, from Office of Naval Research, $168,091, “2D Line Laser for Scalable Sintering and Crystallization of Multifunctional Nanocomposites and Nanostructures.”

Cheng, Ji-Xin; biomedical engineering, from Howard Hughes Medical Institute, $49,965, “Label-Free Imaging of Membrane Potential via Stimulated Raman Scattering.”

Cheng, Ji-Xin; biomedical engineering, from Trask Trust Fund, $50,000, “Fast Spectroscopic Imaging by Parallel-Detection of Stimulated Raman Scattering.”

Chmielewski, Jean A; chemistry, from Purdue University, $17,608, “Targeting Intracellular Pathogenic Bacteria with Unnatural Proline-Rich Peptides: Coupling Antibacterial Activity with Macrophage Penetration.”

Cho, Jong Hyun; mechanical engineering, from National Science Foundation, $10,000, “Research Experience for Undergraduates (REU) Supplement: Faculty Early Career Development (CAREER): Understanding Biomolecular Manufacturing and Assembly of Nanocrystals - Fundamentals and Novel Properties for Solar Energy Harvesting (1055866).” (a Discovery Park award — Bindley Bioscience Center)

Choi, Jong Hyun and Mao, Chengde; mechanical engineering, chemistry, from Office of Naval Research, $54,015, “Photo-Regulated DNA Nanomotors that Walk Along a Single-Walled Carbon Nanotube; Modification 6 for Grant 105330.”

Christ, Sharon L; child development & family studies, from Purdue University, $17,608, “Evaluating Maltreatment Effects on Adolescent Well-Being Using Advanced Modeling.”

Christian, John A; comparative pathobiology, from Wyeth Ayerst Pharmaceuticals, $800, “Cytology Resource Center.”

Clark, Ann M; political science, from Purdue University, $17,608, “Bypassing Democracy: Why Domestic Human Rights Non-governmental Organizations (NGOs) in Stable Democracies Appeal to International Forums.”

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

Constable, Peter D; veterinary clinical science, from VCA Antech Inc, $9,630, “Radiology Residency Support.”


Cooks, Robert G; chemistry, from Creare Incorporated, $50,000, “Amendment No. 1 to Subcontract 64253- Grant 105940.”

Cooks, Robert G; chemistry, from National Science Foundation, $450,000, “Ionic Reactions in Droplets and Thin Films for Preparative and Analytical Mass Spectrometry.” (a Discovery Park award — Bindley Bioscience Center)

Cooks, Robert G; chemistry, from Multi-Sponsored Industrials, $2,000, “Unrestricted Multi-Sponsor Voluntary Support.”

Cooks, Robert G; chemistry, from Purdue University, $17,608, “Accelerated Chemical Reactions in Confined Volumes.”

Crist, Scott A and Briggs, Scott D; Cancer Research Center, from Purdue University, $10,000, “A New Way to Control Cholesterol Accumulation in Prostate Cancer.”


Curtis, Susan; American Studies, from Purdue University, $17,608, “Becoming the Boss: Elizabeth Zimmermann and the Emergence of Knitting as Agency in the Late Twentieth Century.”

Cushman, Mark S; medicinal chemistry & molecular pharmacology, from Purdue University, $17,608, “Design and Synthesis of Norendofinen Analogs with Dural Are motase Inhibitory Activity and Estrogen Receptor Modulation Activity.”

Cushman, Mark S; medicinal chemistry & molecular pharmacology, from PhS-NIH National Cancer Institute, $210,445, “Novel Topoisomerase I Inhibitors.”

Dai, Mingji; chemistry, from Showalter Trust, $75,000, “Targeting Cancer with Natural and Synthetic Hydropyran/Hydrofuran-Containing Macrolides.”

Dai, Mingji; chemistry, from Purdue University, $17,608, “Synthesis of Biologically Active Hydropyran/Hydrofuran-Containing Macrolides.”

Dai, Mingji; chemistry, from Oak Ridge Associated Universities, $5,000, “Synthesis and Cellular Evaluation of Small Molecules with Neurotrophic Activity.”

Davies, Patricia; mechanical engineering, from Institute for Noise Control Engineering, $500, “2013 Noise Control Project.”
De Hoop, Maarten V; mathematics, from Multi-Sponsored Industrials, $500, “Geo-Mathematical Imaging Group (GMIG) Consortium.”

Deboer, Lawrence P; agricultural economics, from Indiana Legislative Services Agency, $40,073, “Continuing Work with the Indiana Legislative Service Agency.”

Deering, Amanda J; food science, from Multi-Sponsored Industrials, $1,000, “Multi-Sponsored Gift Funds.”

Deering, Amanda J; food science, from Dole, $50,000, “Multi-Sponsored Gift Account.”

Delgass, W N; Abu-Omar, Mahdi M; Caruthers, James M; Ribeiro, Fabio H and Thomson, Kendall T; engineering administration engineering experiment, chemistry, chemical engineering, from U.S. Department of Energy, $700,000, “Catalyst Design by Discovery Informatics; Modification 10 for Grant 104173.” (a Discovery Park award — Energy Center)

DeWoody, J. Andrew; forestry & natural resources, from Purdue University, $17,608, “Determinants of Genetic Diversity and its Maintenance in Captive Animal Populations.”

Dimmett, Larry J; field extension educators, from Spencer County Substance Abuse Council, $600, “Project Lead.”


Doerge, Rebecca W; statistics, from Winifred B. Billsland Endowment, $16,425, “Zhu, Jingyl.”

Doerge, Rebecca W; statistics, from George Washington Carver Fellowship, $21,425, “Harry, April J.”

Doerge, Rebecca W; statistics, from Purdue Doctoral Program, $26,580, “Gonzalez, Tracy.”

Doerge, Rebecca W; statistics, from Winifred B. Billsland Endowment, $3,000, “Zhu, Jingyl.”

Dong, Suchuan; mathematics, from Office of Naval Research, $31,820, “Wall-Bounded Turbulence in the Presence of Liquid-Gas Interface: A Phase Field-Based Method; Modification 6 for Grant 105030.”

Dotterer, Aryn M; child development & family studies, from Purdue University, $17,608, “Investigating the Role of Parental Involvement During Emerging Adulthood: Trajectories and Associations with Academic Success, Well-Being and Individuation.”

Draper, Paul R; philosophy, from Purdue University, $17,608, “On the Consequences of Skeptical Theism.”

Dukes, Jeffrey S; biological sciences, from Purdue University, $17,608, “Developing Plant-Functional-Type-Specific Parameterizations for Acclimation in Earth System Models.”

Dukes, Jeffrey S; forestry & natural resources, from National Science Foundation, $19,903, “Dissertation Research: Acclimation of Photosynthesis and Respiration to Temperature Under Climate Change: Understanding Variation Among Species and Biomes to Improve Climate Models.” (a Discovery Park award — Purdue Climate Change Research Center)

Dukas, Jeffrey S; forestry & natural resources, from National Science Foundation, $1,661, “Collaborative Research: Characterizing Climate-Induced Qualitative Changes in Plant Biopolymer Composition and Their Influence on Solid Processes-Grant 105866.” (a Discovery Park award — Purdue Climate Change Research Center)


Dyak, Ulrike; health sciences, from Purdue University, $17,608, “GABA MR Spectroscopy as a Potential Biomarker for Parkinson Disease.”

Dyak, Ulrike; health sciences, from Indiana University, $30,220, “Support for Dr. Dyak at IU Department of Radiology.”

Ebert, David S and Elmqvist, Lars Niklas E; electrical & computer engineering, from Morgan State University, $25,000, “Morgan State Summer Education Program.” (a Discovery Park award — Discovery Park Administration)

Egel, Daniel S; botany & plant pathology, from E. I. du Pont de Nemours and Company, $2,000, “Potassium Management.”

Eigenmann, Rudolf; electrical & computer engineering, from National Science Foundation, $215,620, “Intergovernmental Personnel Assignment (IPA) for Rudolf Eigenmann.”

Ejeta, Gebisa; agronomy, from International Maize & Wheat Improvement Center, $970,000, “U.S. Borlaug Fellows in Global Food Security: A FTF 21st Century Borlaug Leadership Program.”

Emery, Nancy C; biological sciences, from Purdue University, $17,608, “Variation in Dispersal Propensity: Implications for Gene Flow and Habitat Adaptation.”

Emery, Nancy C; biological sciences, from Society for Integrative and Comparative Biology, $800, “Emery Student Voluntary Support.”

Engel, Bernard A; agricultural & biological engineering, from Agricultural Research Service, $25,925, “Effects of Climate Change on Sediment and Chemical Losses Under Agricultural and Forest Management Scenarios.”

Engelberth, Abigail S; agricultural & biological engineering, from Indiana Corn Marketing Council, $42,650, “Recovery and Purification of Lutein and Zeaxanthin from Dry Distillers Grains with Solubles (DDGS).”

Fanjoy, Richard O; aviation technology, from Bilsland, Winifred B. Endowment, $3,237, “Kirschner, Jennifer E.”

Ferris, Virginia R; entomology, from Indiana Crop Improvement Association, $14,000, “Cyst Nematode Program.”

Ferris, Virginia R; entomology, from Indiana Crop Improvement Association, $16,000, “Cyst Nematode Program.”

Ferruzzi, Mario; food science, from MH Zeigler & Sons LLC, $150, “Multi-Sponsored for On-Going Research.”

Ferruzzi, Mario; Bugusu, Betty A and Hamaker, Bruce R; food science, from Virginia Tech, $700,000, “Development and Assessment of a Fortified Instant Cereal Product for Senegalese Market.”

Ferruzzi, Mario; food science, from Purdue Doctoral Program, $17,556, “Allen, Jennifer L.”

Ferruzzi, Mario; food science, from MH Zeigler & Sons LLC, $1,500, “Multi-Sponsored for On-Going Research.”

Field, William E; agricultural & biological engineering, from Kossuth Street Baptist Church, $250, “Breaking New Ground.”

Flesch, Lucy M; earth & atmospheric sciences, from National Science Foundation, $76,075, “Collaborative Research: Exploring Extensive Tectonics Beyond the Ethiopian Rift-Grant 105525 Increase.”

Flores, Joseph I; Education Opportunities Program — Calumet Campus, from Indiana Department of Education, $7,837, “Purdue University Upward Bound Summer Food Service Program 213.”
Francis, Alexander L; linguistics, from Purdue University, $17,608, “The Relationship Between Fluency, Intelligibility and Acceptability in Non-Native Spoken English.”

Frankenberger, Jane R; agricultural & biological engineering, from University of Wisconsin-Madison, $20,000, “Regional Water Quality Leadership Phase 3.”

Friedman, Elliot M; Mrozek, Daniel K; and Christ, Sharon L; child development & family studies, from PHS-NIH National Institute on Aging, $243,075, “Living Well with Later Life Multimorbidity: A Biopsychosocial Approach.”

Gabrielov, Andrei and Basu, Saugata; mathematics, from National Science Foundation, $100,000, “Semi-Monotone Sets and Triangulation of Definable Families; Amendment 1 for Grant 106069.”

Garimella, Suresh V; mechanical engineering, from Multi-Sponsored Industrials, $30,000, “Cooling Technologies Research (CTRC) 2012-2013 Membership - Memo Match for 106029.”

Garimella, Suresh V; global affairs, from Global Policy Res Institute Fellow, $12,000, “Global Policy Research Institutes (GPRI) 2013 Graduate Student Research Fellowship - Katie Cahill.”

Garimella, Suresh V; global affairs, from Global Policy Res Institute Fellow, $12,000, “Global Policy Research Institutes (GPRI) 2013 Graduate Student Research Fellowship - Emre Gencer.”

Garimella, Suresh V; mechanical engineering, from Multi-Sponsored Industrials, $30,000, “Cooling Technologies Research (CTRC) 2012-2013 Membership - Memo Match for 106029.”

Garimella, Suresh V; mechanical engineering, from Multi-Sponsored Industrials, $7,500, “Cooling Technologies Research (CTRC) 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, $295,085, “Microcooling for Intensely Concentrated Electronics (MicroICE) an Intrachip Approach; Modification 1 for Grant 106438.”

Garrison, James L; aeronautical & astronautical engineering, from University of Michigan, $103,721, “Cyclone Global Navigation Satellite System (CYGNSS); Amendment 2.”


Geahlen, Robert L; pharmacy administration, from PHS-NIH National Institute of Allergy and Infectious Diseases, $13,371, “Tyrosine Kinases and Lymphocyte Activation (Grant 105903) Revision to 5r01ai098132-30.”

Gelvin, Stanton B and Lee, Lan-Ying; biological sciences, from Dow Agro Sciences, $60,577, “Manipulation of a Maize Myb Transcription Factor Gene to Increase Transformation.”

Gerber, Corey K; agronomy, from Multi-Sponsored Industrials, $4,950, “Crop Diagnostic Training Center - Pioneer Hi-Bred International, Inc.”

Gerber, Corey K; agronomy, from Multi-Sponsored Industrials, $1,100, “Crop Diagnostic Training Center - Becks Hybrids.”

Gerber, Corey K; agronomy, from Multi-Sponsored Industrials, $5,500, “Crop Diagnostic Training Center - Indiana Certified Crop Advisor.”

Gibbs, Richard A; medicinal chemistry & molecular pharmacology, from Purdue University, $50,000, “1213 Office of the Vice President for Research (OVPR) Bridge Funding: Inhibition of Preylated Protein Processing.”

Ginzl, Matthew D; entomology, from Multi-Sponsored Industrials, $2,184, “Multi-Sponsored.”

Gleich, David F; computer science, from Purdue University, $17,608, “Searching for Structure within Simulations through a Low-Rank Clustering Measure.”

Gleich, David F; computer science, from National Science Foundation, $53,357, “Supplement: Faculty Early Career Development (CAREER): Modern Numerical Matrix Methods for Network and Graph Computations.”

Goforth, Reuben R; forestry & natural resources, from U.S. Geological Survey, $30,000, “Correlating Asian Carp eDNA and/or Microbial Tracking Technologies with Telemetry Data in the Wabash River.”

Goldberg, David; mathematics, from Simons Foundation, $5,000, “R-Groups and L-Functions for Quasi-Split Groups, and Related Problems.”

Golden, Barbara L; biochemistry, from PHS-NIH National Institute of General Medical Science, $19,605, “Coupling of Structure and Dynamics in RNA Catalysis - for Grant 105136.”

Goldsbrough, Peter B; botany & plant pathology, from Ross Graduate Fellowship-Assistantship, $15,893, “McCorison, Cassandra B.”

Gray, Jeffery L; electrical & computer engineering, from U.S. Department of Energy, $4,000, “Modeling of Ideal Wide Band Gap Photovoltaic Cells at Elevated Temperatures and High Concentration.”

Gray, Nicholas W; diversity and multicultural affairs – Fort Wayne campus, from Indiana Department of Education, $16,473, “Indiana University-Purdue University Fort Wayne (IPFW) Office of Diversity and Multicultural Affairs Summer Food Service Program.”

Greene, Christopher H; physics, from National Science Foundation, $50,000, “Collaborative Research: Few-Body Interactions in Ultracold Quantum Gases.”

Haddad, Jeffrey M; health & kinesiology, from Purdue University, $17,608, “The Temporal Evolution of Dynamic Stability Throughout the Lifespan.”

Haddock, John E and Seidel, Joseph C; civil engineering, from Indiana Soybean Alliance, $63,128, “Soybean-Based Products Combined with Pozzolans to Improve Gravel Road Stabilization.”

Haddock, John E; civil engineering, from Federal Highway Administration Office of, $5,000, “2013 Dwight D Eisenhower Transportation Fellowship Program - Michael Piccaglia.”

Haddock, John E; civil engineering, from Federal Highway Administration Office of, $5,500, “2013 Dwight D Eisenhower Transportation Fellowship Program - Sergio Arambula.”

Hamilton, Roy L; Education Opportunities Program — Calumet Campus, from Indiana Department of Education, $5,905, “Summer Food Service Program 2013.”

Harbin, Sherry L and Han, Bumsoo; basic medical science, mechanical engineering, from PHS-NIH National Heart, Lung and Blood Institute, $360,401, “Collagen Cross-Links Direct Matrix-Induced Vasculogenesis via Tunable Pathways.”

Harbor, Jonathan M; earth & atmospheric sciences, from Purdue University, $17,608, “Paleoglaciology of the Mongolian Altai.”
Harrison, Marietta L; medicinal chemistry & molecular pharmacology, from Indiana University, $93,000, “Warfighter Cancer Care Engineering.” (a Discovery Park award — Oncological Sciences Center)

Hartman, Nathan W; computer graphics technology, from General Motors Foundation, $15,000, “Product Lifecycle Management Center of Excellence (PLM).”

Hassanein, Ahmed; nuclear engineering, from U.S. Department of Energy, $165,000, “Impact of Disruptions and Elms on Liquid Lithium Surfaces in National Spherical Torus Experiment (NSTX) and Mitigation/Extrapolation; Modification 5 for Grant 103137.”

Heeg, Marlene O; pharmacy - administration, from Takeda Pharmaceutical International Inc US Region, $30,000, “2013 Rome Update from DDW.”

Heeg, Marlene O; pharmacy - administration, from Takeda Pharmaceutical International Inc US Region, $30,000, “2013 Rome Update from DDW.”

Heeg, Marlene O; pharmacy - administration, from Takeda Pharmaceutical International Inc US Region, $30,000, “2013 Rome Update from DDW.”

Heeg, Marlene O; pharmacy - administration, from Emd Serono Inc, $75,000, “Managing Treatment-Related Adverse Effects and Maintaining Adherence to Injectable Disease-Modifying Therapies: The Emerging Role of the Specialty Pharmacist.”

Heeg, Marlene O; pharmacy - administration, from Emd Serono Inc, $139,810, “Practical Considerations for the Treatment of Multiple Sclerosis: a Clinical Primer for the Managed Care Professional.”

Heeg, Marlene O; pharmacy - administration, from Sunovion Pharmaceuticals Inc, $330,350, “PeerView Live, Optimizing Early Recognition, Diagnosis and Management of Bipolar Depression in the Primary Care Setting.”

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

Hertig, John B; pharmacy - administration, from Eli Lilly and Company, $84,970, “Medication Safety Fellowship Lilly Portion.”

Hill, Catherine A; Meyer, Jason M and Hunt, Greg J; entomology, from University of Notre Dame, $286,696, “RAD Sequencing of SNPs on the Ixodes Scapularis Lyme Disease Tick Genome: Toward an Integrated Genetic and Physical Map; Modification 2.”

Hoffman, Aaron M; political science, from Purdue University, $17,608, “State Based Financial Liberalization.”


Hook, Tomas O; forestry & natural resources, from David M. Knox Endowment, $19,477, “Almeida, Leah Zoe.”

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, $30, “Katherine Howe Gift Fund.”

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, $30, “Katherine Howe Gift Fund.”

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; Purdue Memorial Union, from Multi-Sponsored Industrials, $100, “Katherine Howe Gift Fund.”

Hu, Y; electrical & computer engineering, from National Science Foundation, $499,978, “Software and Hardware Foundations (SHF); Small: Compiler and Runtime Analysis for Treating Smartphone Energy Bugs.”

Irazoqui, Pedro; biomedical engineering, from Jackson Laboratory, the, $250,000, “Novel Implantable Devices for Glaucoma Research.”

Ivantysynova, Monika; agricultural & biological engineering, from Multi-Sponsored Industrials, $12,000, “Kalamazoo Community Foundation.”

Janick, Jules; horticulture & landscape architecture, from Goldman Foundation, Amy P, $10,000, “New Gift Account for Dr. Janick.”

Jenkins, Michael A; forestry & natural resources, from Purdue University, $17,608, “Spatial Dynamics of Amur Honeysuckle (Lonicera Maackii) Invasion and its Ecological Impacts on Biotic Communities.”

Jenkins, Michael A; forestry & natural resources, from U.S. Forest Service, $10,549, “The Response of Oak Seedling Regeneration to Harvesting, Herbicide Treatments, and Burning.”

Jiao, Dan; electrical & computer engineering, from Semiconductor Research Corporation, $89,800, “Direct Matrix Solutions of Linear Complexity for Rapid Modeling and Design of High Bandwidth Package Interconnects; Modification 3.”

Jing, Peng; chemistry — Fort Wayne campus, from Indiana Academy of Science, $3,000, “A Study on DNA Transport Property of the Phi29 Mutant Connectors.”
Johnson, Chrystal S; curriculum & instruction, from Purdue University, $17,608, "Amandla: Exploring Race, Social Media Use and Civic Engagement Among Urban Black Youth."

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

Johnson, William G; botany & plant pathology, from DuPont Crop Protection, $27,550, "Weed Research."

Jones, Owen G; food science, from Purdue University, $17,608, "Collodial Characterization of Modified Polysaccharides with Whey Proteins."

Kak, Avinash C and Park, Johnny; electrical & computer engineering, from Applied Research Associates, Inc, $151,680, "LARPA Finder; Modification No. 2 to Grant 105861 (ARA S-001460.00000.PDU)."

Kak, Avinash C; electrical & computer engineering, from Applied Research Associates, Inc, $151,680, "Mod. No. 1 to Grant 105861 (ARA S-001460.00000.PDU)."

Kappock, Thomas J and Tran, Elizabeth; biochemistry, from Showalter Trust, $75,000, "Tracking an Iron-Sulfur Cluster through the Cytoplasm through a Novel Yeast Metabolic Screen."

Karpicke, Jeffrey D; psychological science, from Purdue University, $17,608, "Retrieval Based Learning: Exploring the Role of Retrieval Strategies."

Kaufmann, Erika B; mathematics, from National Science Foundation, $72,766, "Faculty Early Career Development (CAREER): Physical Properties of New Materials via Mathematics -- Methods and Applications."

Keener, Kevin M; food science, from Griffith Laboratories, $1,500, "Multi-Sponsored Gift."

Kelly, Brian C; anthropology, from Purdue University, $17,608, "Creating Collective Spaces: Hip Hop and Youth in Urban Peru."

Kelly, Brian C; sociology, from PHS-NIH National Institute on Drug Abuse, $0, "Prescription Drug Abuse in Club Subcultures: Contexts and Risks."

Kenney, Rachael H; mathematics, from Purdue University, $17,608, "Preservice Mathematics Teachers Cognitive Development of Proof and Proving Skills: Investigation of an Undergraduate Geometry Class."

Kenttamaa, Hilkka I; chemistry, from AstraZeneca Pharmaceuticals LP, $40,000, "Use of Novel Gas Phase Ion-Molecule Reactions to Characterize the Metabolism on Heteroatoms and the Reactivity of Electrofolic Groups."

Killion, Vicki J; Bracke, Marianne S; Glasson, Patricia A and Morris, Sammie L; library administration, from U.S. Agricultural Information Network, $3,125, "Digitization of Purdue Agricultural Extension Publications (1910-1922)."

Kinzig, Kimberly P; psychological science, from Purdue University, $17,608, "Dietary Macronutrient Influences on Brain Barrier Integrity, Neurovascular Pathology and Behavior."

Kirkpatrick, Jane M; Aaltonen, Pamela M; Coddington, Jennifer A; Davis, Jan E and Oneil, Elizabeth A; nursing, from PHS-NIH National Center for Health Resources and Services Administration, $538,125, "North Central Nursing Clinics (NCNC) - for Grant 105206."

Kirshner, Julia; biological sciences, from Purdue University, $17,608, "Role of Cancer Cells and Microtubule-Associated Protein Tau in Breast Cancer Metastasis to the Bone."

Klimeck, Gerhard; electrical & computer engineering, from Purdue University F N Andrews Fellowship, $5,356, "Charles, James A."

Klimeck, Gerhard; electrical & computer engineering, from Purdue University, $1,415,246, "ICHEER: Institute for Continuous Hub Enabled Education and Research, Office of the Vice President for Research (OVPR) Commitment." (a Discovery Park award — Network for Computational Nanotechnology)

Klimeck, Gerhard; electrical & computer engineering, from Purdue University, $697,751, "CPMSD: Center for Predictive Materials and System Design (Office of the Vice President for Research (OVPR) 5 Year Commitment)." (a Discovery Park award — Network for Computational Nanotechnology)

Kluender, Keith R; speech, language and hearing sciences, from David M. Knox Endowment, $19,394, "DSouza, Hanna."

Kluender, Keith R; speech, language and hearing sciences, from David M. Knox Endowment, $19,394, "Benham, Sara."

Knoeller, Christian P; English, from Purdue University, $17,608, "Toward a Genre Writing Curriculum: Schooling Genres in the Common Core State Standards for Writing."

Kossek, Ellen E; management, from Portland State University, $15,400, "Evaluating the Health Benefits of Workplace Policies and Practices: Phase II."

Kuang, Shihuan; animal sciences, from J and G Food Services LLC, $1,500, "Molecular Dynamics (MD) Research."

Kuhn, Richard J; biological sciences, from Purdue Research Foundation (PRF) Summer Research Grants, $5,975, "2013 GS SRG - BIOS."

Kulkarni, Milind; electrical & computer engineering, from U.S. Department of Energy, $150,000, "Compiler and Run-Time Approaches to Enable Large Scale Irregular Programs."

Labi, Samuel and Sinha, Kumares C; civil engineering, from Indiana Department of Transportation, $350,000, "Impact of HB-1481 on Indiana Highway Revenue Generation, Asset Degradation, Modal Distribution, and Economic Development and Competitiveness."

Lang, Rafael F; physics, from Purdue University, $17,608, "Search for Dark Matter with XENON100 and XENON1T."

Laux, Chad; industrial technology, from Purdue University, $17,608, "Quality Management for Food Defence and Safety."

Lee, Linda S; agronomy, from Purdue University, $17,608, "Fate and Biological Accessibility of Bisphenol A, AF and SB by the Land Application of Biosolid."

Lehto, Xinran Y; hospitality & tourism, from Purdue University, $17,608, "The Sociability of Travel: Understanding Family Interaction During Vacation."

Lelievre, Sophie A; basic medical science, from Purdue University, $17,608, "Characterization and Functional Study of CDSI Promoter in Breast Cancer Initiation and Progression."

Lelievre, Sophie A; basic medical science, from National Institutes of Health, $22,000, "High-Throughput Human Cell-Based Models for Primary Prevention of Breast Cancer."

Lempert, Laszlo; mathematics, from Winifred B. Bilsland Endowment, $16,425, "Lee, Byeongho."

Leonard, Laurence B and Devey, Patricia L; speech, language and hearing sciences, from National Institutes of Health, $8,750, “Sensitivity to Morphological Cues in Children with Specific Language Impairment-Grant 106567 INC.”

Leung, Yuk Fai; biological sciences, from City University of Hong Kong, $5,129, “Dynamics of Zebrafish Behavioral Responses to Visual Stimuli.”

Levine, Michael; statistics, from National Science Foundation, $30,255, “Collaborative Research: Estimation, Inference, and Computation for Finite Nonparametric Mixtures: Amendment 1 for Grant 106097.”

Lewis, Dwight E; graduate school administration, from National Action Council Minorities in Engineering, $6,000, “To Increase the Number of Under-Represented Minority Doctorates in Chemistry at Purdue University.”

Li, Bo; statistics, from Purdue University, $17,608, “Nonparametric Estimation of Spatial Covariance Function.”

Lin, Hui-Mei; food science, from Multi-Sponsored Industries, $2,000, “Multi-Sponsored Gift.”

Liu, Chuanhai; statistics, from National Science Foundation, $81,575, “Collaborative Research: Efficient Parallel Iterative Monte Carlo Methods for Statistical Analysis of Big Data.”

Liu, Julie C and Wilker, Jonathan J; chemical engineering, chemistry, from National Science Foundation, $390,000, “Protein-Based Materials with Tunable Adhesive and Mechanical Properties.”

Liu, Julie C; chemical engineering, from Bilsland, Winifred B. Endowment, $2,616, "Su, Sheng-Chuan.”

Liu, Shuang; health sciences, from PHS-NIH National Institute of Biomedical Imaging and Bioengineering, $192,500, “Novel 99mTc(III) Complexes as SPECT Radiotracers for MPI.”

Lopez, Roberto G; horticulture & landscape architecture, from Multi-Sponsored Industries, $4,000, “Multi-Sponsored Gift Account.”

Lopez, Roberto G; horticulture & landscape architecture, from Multi-Sponsored Industries, $7,200, “Multi-Sponsored Gift Account.”

Lopez, Roberto G; horticulture & landscape architecture, from American Floral Endowment, $250, “Floriculture Forum.”

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

Low, Philip S; chemistry, from Hurvis, John Thomas & Julie Ann, $65,000, “Multi-Sponsor Voluntary Support.”

Lowenberg-Deboer, James M and Baributsa, Dieudonne; international programs in agriculture, from Catholic Relief Services, $80,625, “Strengthening and Improving Value Chains (SVAC).”

Lumkes, John H; agricultural & biological engineering, from Parker Hannifin Foundation, $8,000, “Parker Laboratory Gift Account.”

Lynall, Matthew D; management, from Purdue University, $2,500, “Krannerts Experiential Learning Initiative (ELI).”

Magana Deleon, Alejandra J; computer & information technology, from Purdue University, $17,608, “Developing a Convolutional Neural Network for Image Classification.”

Malis, Oana and Manfra, Michael J; physics, from National Science Foundation, $130,165, “Global Strain-Free III-Nitride Heterostructures: Growth, Structure and Near-Infrared Optical Properties: Amendment 1 for Grant 105959.”

Manfra, Michael J; physics, from Office of Naval Research, $20,000, “Fault-Tolerant Topological Quantum Computing with 2D Electron Systems: Modification 3 for Grant 106378.”

Mao, Chengde; chemistry, from Office of Naval Research, $28,926, “Assembly of Complex DNA Nanostructures through Structural Transformation; Modification 7 for Grant 105323.”

Marsh, Dawn G; history, from Purdue University, $17,608, “Native Spaces, Settler Landscapes and the Culture of Manifest Destiny: Imagining the Ohio Country, 1701-1820.”

Marshall, Jordan M; biology — Fort Wayne campus, from Indiana Academy of Science, $1,105, “Diversity and Distribution of Herbaceous Plant Communities Related to Agricultural Forest Size, Shape, and Structure.”

Martinez, Carlos J; Youngblood, Jeffrey P and Sun, Chin-Teh; materials engineering, aeronautical & astronautical engineering, from Defense Threat Reduction Agency, $146,459, “Development of Acoustic Metamaterials with Anisotropic Mass Densities for Blast Wave Mitigation; Modification 2 for Grant 106047.”

Matson, Eric T; Brewer, Jeffrey L; Dittman, Kevin C and Smith, Anthony H; computer & information technology, from Pohang University of Science & Technology, $192,712, “POSTECH GEM Project Engineering and Management Summer School 2013.”

Maynard, Elizabeth T; horticulture & landscape architecture, from Sakata Seed America Inc., $500, “Research for 1995 Vegetable Variety Trial Program.”

Maynard, Elizabeth T; horticulture & landscape architecture, from Sakata Seed America Inc., $1,000, “Research for 1995 Vegetable Variety Trial Program.”

Maynard, Elizabeth T; horticulture & landscape architecture, from Sakata Seed America Inc., $800, “Research for 1995 Vegetable Variety Trial Program.”

McCorry, Megan A; foods & nutrition, from Purdue University, $17,608, “Acute and Chronic Effects of Pulses and Macronutrient Composition on Appetite, Taste Preferences and Cardiometabolic Risk.”

McDonough, Meghan H; health & kinesiology, from Purdue University, $17,608, “The Effect of a Self-Determination Theory Based Intervention on Leader Behaviors, Social Relationships and Psychosocial Outcomes in a Physical Activity-Based Positive Youth Development Program For…”

McKee, Renee K; youth development & agricultural education, from National 4-H Council, $12,000, “2013 4-H Agricultural Development Program For…”

McKinley, Steven K and Wynkoop, Ryan D; youth development & agricultural education, from Department of the Army, $44,825, “Indiana 2013 Operation Military Kids (OMK) Grant.”

Mengiste, Tesfaye D; botany & plant pathology, from Rural Development Administration, $63,000, “Mechanisms of Plant Immunity to Fungal and Bacterial Pathogens.”

Messick, Joanne B; comparative pathology, from Morris Animal Foundation, $4,000, “Development and Validation of a Multiplex Micro bead Assay to Detect Antibodies Against Mycoplasma Haemofelis.”
Michalski, Greg M; earth & atmospheric sciences, from Purdue University, $17,608, “Using Stable Isotope to Understand Atmospheric Oxidation Chemistry in the Southern Hemisphere: Modeling Component.”

Midkiff, Samuel P; electrical & computer engineering, from Huawei Technologies, $45,000, “Huawei Vol Gift Support.”

Mintert, James R and Ballard, Roy W; agriculture — administration, field extension educators, from University of Minnesota, $17,250, “Sustainable Agriculture Research and Education (SARE) Professional Development Program (PDP) State Plan of Work 2013 Chapter 1.”

Mittal, Suresh K; comparative pathobiology, from Embassy of the Arab Republic of Egypt, $9,000, “Bench Fees - Mr. Omar Ahmed Kamal Amen.”

Morgan, Susan E; communication, from Purdue University, $17,608, “The Personal is Technical: Examining New Mothers Explanations for Vaccine Refusal.”


Murphy, Patrick T; agricultural & biological engineering, from Multi-Sponsored Industries, $20,000, “Multi-Sponsored Gift.”

Murthy, Jayathi Y; Alam, Muhammad A; Bajaj, Anil K; Chen, Weinong W; Grama, Ananth Y; Peroulis, Dimitrios and Strachan, Alejandro H; mechanical engineering, electrical & computer engineering, aeronautical & astronautical engineering, computer science, materials engineering, from U.S. Department of Energy, $950,000, “Prediction of Reliability, Integrity, and Survivability of Microsystems (PRISM); Modification 13 for Grant 103080.” (a Discovery Park award — Energy Center)

Narsimhan, Ganesan and Bhunia, Arun K; agricultural & biological engineering, food science, from Indiana Soybean Alliance, $87,234, “Antimicrobial Peptides from Soyprotein.”

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

Nennich, Tamilee D; animal sciences, from Purdue University, $17,608, “Evaluation of Various Concentrate Levels in Diets of Dairy Heifers to Improve Rumen Development & Feed Efficiency.”


Neumeister, Norbert; Bortoletto, Daniela; Hacker, Thomas J and Shipsey, Ian P; physics, computer & information technology, from Princeton University, $214,804, “U.S. Compact Muon Solenoid (CMS) Operations at the Large Hadron Collider (LHC) Modification 3 Grant 105769.”

Nie, Huiling; health sciences, from Purdue University, $17,608, “Development and Validation of a Neutron Activation Analysis (NAA) System to Quantify Metals in Bone in Vivo.”

Nielsen, S S; food science, from Multi-Sponsored Industries, $50, “Multi-Sponsored Gift Funds.”

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

Nielsen, S S; food science, from Multi-Sponsored Industries, $200, “Multi-Sponsored Gift Funds.”

Nielsen, S S; food science, from Multi-Sponsored Industries, $50, “Multi-Sponsored Gift Funds.”

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

Niyogi, Devdutta S; Biehle, Donald J and Scheeringa, Kenneth L; agronomy, Southeast-Purdue Agricultural Center, from Mary S. Rice Farm Estate, $15,000, “Maintenance and Improvement of Purdue Agricultural Centers Weather Station Network - 2013.”

Nolan, Riall W; anthropology, from Purdue University, $17,608, “Territory-Anchored Rights and Refugee Repatriation: Peutecostalism and the Case of Liberari refugee Returnees from Ghana.”

Norris, Meghan E; consumer science & retail, from Purdue University, $17,608, “Theoretical and Applied Explorations of Person-Thing Orientation as an Information Precoessing Biasing Agent.”

Obergfell, Ann M; health & human services — Fort Wayne campus, from Healthvisions Midwest, Inc, $39,171, “Indiana University-Purdue University Fort Wayne (IPFW) K-12 Programming.”

Olek, Jan; civil engineering, from Indiana Department of Transportation, $180,000, “North Central Superpave Center SPR-2042.”

Oliver, Haley F; food science, from Showalter Trust, $75,000, “Transcriptional Regulator of Stress Survival and Virulence, oB, as a Potential Drug Target in Methicillin-Resistant Staphylococcus Aureus (MRSA).”

Olson, Daniel V; sociology, from Purdue University, $17,608, “Gendered Resistance and Compliance in the LDS Church.”

Ouyang, Zheng and Cooks, Robert G; engineering administration engineering experiment, chemistry, from PHS-NIH National Institute of General Medical Science, $279,486, “Development of a Point-of-Care Mass Spectrometry Analysis System.” (a Discovery Park award — Bindley Bioscience Center)

Paarlberg, Philip L; agricultural economics, from Texas A&M University, $15,000, “Modeling Hypothetical HPAI Events.”

Parshar, Neeti; chemistry and physics — Calumet Campus, from National Science Foundation, $100,000, “Research in High Energy Physics on the Compact Muon Solenoid (CMS) Experiment-Grant 105956-Amendment 1.”

Park, Kinam; Couetil, Laurent L and Rundell, Ann E; biomedical engineering, veterinary clinical science, from Showalter Trust, $60,000, “Resolving Glucose Detection in Exhaled Breath Condensate.”

Park, Kinam; biomedical engineering, from PHS-NIH National Institute of General Medical Science, $18,908, “Hydrogel Template Method for Protein Microencapsulation.”

Parker, Laurie L; medicinal chemistry & molecular pharmacology, from PHS-NIH National Cancer Institute, $190,336, “Biosensor Technology to Monitor Leukemia-Related Kinase Activity in Patient Cells.”


Pastakia, Sonak D and Karwa, Rakhi; pharmacy practice, from Indiana University, $6,255, “Ampath Plus.”

Patrick, Helen; educational studies, from Purdue University, $17,608, “Evaluating Effective Teaching Across Content Areas.”
Patton, Aaron J; agronomy, from Dow Agro Sciences, $6,600, “Multi-Sponsored.”

Patton, Aaron J; agronomy, from Midwest Regional Turf Foundation, $8,000, “Turfgrass Research.”

Pelter, Libbie S; chemistry and physics — Calumet Campus, from University of Nebraska-Lincoln, $24,800, “Catalytic Asymmetric Hydroboration; Amendment 1.”

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)

Peroulis, Dimitrios; electrical & computer engineering, from Flowserve Corp, $7,000, “Flowserve.” (a Discovery Park award — Birck Nanotechnology Center)

Peterson, Jonathon R; mathematics, from National Security Agency, $18,700, “Random Walks and Particle Systems in Random Environments.”

Phillion, Joann I; curriculum & instruction, from Purdue University, $17,608, “Cultivating Multicultural Education in U.S. Islamic Schools.”

Pijanowski, Bryan C; forestry & natural resources, from U.S. Geological Survey, $126,075, “Land Change Analysis and Modeling to Support the Multi-Scale Assessment of Land Use and Climate Change Impacts on the Nations Fish Habitat; Supplement 4.”

Pitts, Yvonne M; american studies, from Purdue University, $17,608, “Maternalism, Economic Citizenship and Care in Expressions of a Solidarity Economy in El Paso, Texas.”

Post, Carol B; medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute of General Medical Science, $20,402, “Nuclear Magnetic Resonance (NMR) Structure of Peptide and Protein Complexes - for Grant 14635.”

Post, Carol B; medicinal chemistry & molecular pharmacology, from Purdue University, $17,608, “Biophysical Studies of the Long-Distance Regulatory Mechanism of Spleen Tyrosine Kinase (Syk) Tandem Src homology 2 (SH2) Domains.”

Pothen, Alex; computer science, from Purdue University, $17,608, “Analyzing Flow Cytometry Data with Computational Topology.”

Pothen, Alex and Gebremedhin, Assefaw; computer science, from U.S. Department of Energy, $146,490, “Combinatorial Algorithms to Enable Scientific Computing on Multi-Threaded Architectures.”


Quagrainie, Kwamen K; agricultural economics, from University of California - Davis, $19,988, “Comparative Study of Aquaculture Best Management Practices Adoption in Ghana and Kenya.”

Raghunathan, Anand; electrical & computer engineering, from NEC Laboratories America Inc, $40,000, “NEC Heterogeneous Pipelining.”

Rajwa, Bartlomiej P; basic medical science, from PHS-NIH National Institute of Biomedical Imaging and Bioengineering, $210,579, “Automated Spectral Data Transformations and Analysis Pipeline for High-Throughput Flow Cytometry.” (a Discovery Park award — Bindley Bioscience Center)

Raman, Arvind; Haddad, Jeffrey M; Rietdyk, Shirley and Zelaznik, Howard N; mechanical engineering, health & kinesiology, from National Science Foundation, $550,392, “Nonlinear Dynamics and Bifurcations of Human Posture on Tunable Balance Boards.”

Ramirez, Julio A; civil engineering, from National Science Foundation, $85,000, “Network for Earthquake Engineering Simulation (NEES) Operations: FY 2010-FY2014.”

Ramirez, Julio A; Eigenmann, Rudolf; Brophy, Sean; Hacker, Thomas J; Dyke, Shirley J; Pujol, Santiago; Bagchi, Saurabh and Irfanoglu, Ayhan; civil engineering, electrical & computer engineering, engineering education, computer & information technology, mechanical engineering, from National Science Foundation, $3,700,000, “Network for Earthquake Engineering Simulation (NEES) Operations: FY 2010-FY2014; Modification 22 for Grant 104025.” (a Discovery Park award — Cyber Center)

Rao, Sanjay G and Tawarmalani, Mohit; electrical & computer engineering, management, from National Science Foundation, $97,041, “Computer Systems Research (CSR): Medium: Collaborative Research: Architecting Performance Sensitive Applications for the Cloud; Amendment 1 for Grant 1106094.”

Ratiliff, Timothy L; Vice President for Research, from PHS-NIH National Cancer Institute, $1,117,647, “Cancer Center Support Grant—Core.”

Ratiliff, Timothy L; comparative pathobiology, from Purdue University, $17,608, “The Impact of Inflammation on Postate Stem Cells.”

Ren, Tong; chemistry, from Purdue University, $17,608, “Cylcam Complexes of Earth Abundant Metals as Catalysts for Carbon Dioxide Reduction.”

Ribeiro, Fabio H; chemical engineering, from U.S. Department of Energy, $155,000, “Fundamental Studies on the Kinetics of Oxidation Reactions; Modification 11 for Grant 101801.”

Richter, Brian T and Lay, Donald C; animal sciences, from Agricultural Research Service, $29,935, “Designer Diets Decrease Aggression and Increase Welfare.”

Richter, Brian T; animal sciences, from Agricultural Research Service, $10,356, “Dietary Modification to Eliminate Ulcers in Sows.”


Rickus, Jenna L; agricultural & biological engineering, from Purdue University, $50,000, “1213 Office of the Vice President for Research (OVPR) Bridge Funding: Immunoprotection of Human Islets B Cell Xenografts.”

Rickus, Jenna L; agricultural & biological engineering, from Purdue University, $17,608, “Controlling the Nanoscale Architecture of Mesoporous Silica by Biological Templating at the Surface of Cells.”

Riedzyk, Shirley; health & kinesiology, from Purdue University, $17,608, “Trip-Related Loss of Balance.”

Rochet, Jean-Christophe; medicinal chemistry & molecular pharmacology, from Purdue University, $17,608, “Stabilizing Membrane-Bound Alpha Synuclein: A New Strategy for the Treatment of Parkinsons Disease.”

Rokhinson, Leonid P; physics, from U.S. Department of Energy, $175,000, “Engineering Topological States of Matter and Search for Majorana Fermions; Modification 1 for Grant 106024.”
Ross, Charles S; comparative literature, from Purdue University, $17,608, "Remember Me: Hamlet & the Latin American Revival of Tragedy."

Rossmann, Michael G; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $25,692, "Structural Studies of Togaviruses — Grant 105834."

Rossmann, Michael G and Kuhn, Richard J; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $546,793, "Structure and Function of Flaviviruses."

Rossmann, Michael G; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $23,220, "Structural Studies of Bacteriophage T4 — for Grant 104273."


Roy, Kaushik; electrical & computer engineering, from HRL Laboratories, LLC, $55,295, "Unconventional Processing of Signals for Intelligent Data Exploitation (Upside)."

Rundell, Ann E; Harbin, Sherry L; Irazoqui, Pedro; Panitch, Alyssa and Park, Kinam; biomedical engineering, from PHS-NIH National Institute of Biomedical Imaging and Bioengineering, $43,200, "A Multidisciplinary and Needs-Driven Approach to Translational Team-Based Biomedical Engineering Design."


Sadof, Clifford S; entomology, from Animal Plant Health Inspection Service, $10,000, "Enhanced Coordination of Education and Outreach Activities for the Indiana Invasive Species Council (IISC)."

Saha, Shubin K; horticulture & landscape architecture, from Teva Corporation, $8,000, "Fertilizer Gift Acct."

Saha, Shubin K; horticulture & landscape architecture, from Multi-Sponsored Industrial, $2,750, "Multi-Sponsored Gift Account."

Saha, Shubin K; horticulture & landscape architecture, from Multi-Sponsored Industries, $8,000, "Multi-Sponsored Gift Account."

Saha, Shubin K; horticulture & landscape architecture, from Multi-Sponsored Industries, $900, "Multi-Sponsored Gift Account."

Saha, Shubin K; horticulture & landscape architecture, from Purdue University, $7,200, "Fertilizer Gift Acct."

Saha, Shubin K; horticulture & landscape architecture, from Multi-Sponsored Industries, $900, "Multi-Sponsored Gift Account."

Sands, Laura P; nursing, from Edith Nourse Rogers Memorial Veterinary Hospital, $22,411, "Intergovernmental Personnel Assignment (IPA) — Assessment of Patient Centered Care."

Savikhin, Sergei F; physics, from National Science Foundation, $144,929, "Research Experience for Undergraduates (REU) Site: Multidisciplinary Physics at Purdue University; Amendment 1 for Grant 105826."

Savran, Cagri A; mechanical engineering, from National Science Foundation, $150,000, "Nanoelectromechanical System for in Situ Measurement of Cell Surface Charge." (a Discovery Park award — Birck Nanotechnology Center)

Scharenberg, Rolf P; Hirsch, Andrew S; Srivastava, Brijesh K; Wang, Fuqiang and Xie, Wei; physics, from U.S. Department of Energy, $434,000, "The Experimental Study of the Phase Structure of Strongly Interacting Matter; Modification 33 for Grant 105763."

Scharenberg, Rolf P; Hirsch, Andrew S; Srivastava, Brijesh K; Wang, Fuqiang and Xie, Wei; physics, from U.S. Department of Energy, $217,000, "The Experimental Study of the Phase Structure of Strongly Interacting Matter."

Scharenberg, Rolf P; physics, from Purdue University, $17,608, "Phase Diagram of Hadronic Matter."

Scharf, Michael E; entomology, from Purdue University, $17,608, "Understanding the Importance and Contribution of Bacterial Symbionts to Reticulitermes Flavipes Nutritional Immunology."

Schoenlein, William E; biomedical engineering, from Medical Engineering & Development Institute Inc., $52,980, "Enteric Device Testing Study CE-POC Addendum to Grant # 202362."

Schoenlein, William E and Van Alsotine, William G; biomedical engineering, comparative pathobiology, from Medical Engineering & Development Institute Inc., $67,937, "Intravascular Testing Agreement Studies: CI_EMCS, CI-SIST, CI-PTXY Addendum to Grant 203133."

Schulz, Burkhart; horticulture & landscape architecture, from Purdue University, $17,608, "Brassinosteroid Interation During Sex Determination of Maize."

Sesmero, Juan P; agricultural economics, from Purdue University, $17,608, "Institutions, Property Rights and Groundwater Depletion in Developing Countries."

Shah, Kavita; chemistry, from National Institutes of Health, $19,250, "Chemical Genetic Dissection of Aurora A in Promoting EMT and Stem Cells Phenotype."

Shakouri, Ali and Moon, Robert J; electrical & computer engineering, materials engineering, from U.S. Forest Service, $25,000, "Renewable Materials Nanotechnology Research Initiative." (a Discovery Park award — Birck Nanotechnology Center)

Shaver, Gregory M and Lucht, Robert P; mechanical engineering, from Cummins Inc., $100,000, "Technology and System Level Demonstration of Highly Efficient and Clean, Diesel Powered Class 8 Trucks."

Shipson, Paul B and Pratt, Kerri A; chemistry, from Western Michigan University, $98,407, "Studies of the Role of BVOCs and Their Oxidation Production in the Production of SOA in the Southeastern U.S."

Shimko, Keith L; political science, from Purdue University, $17,608, "State Motivation in International Conflict."

Shipsey, Ian P; physics, from Fermi National Accelerator Laboratory, $48,000, "FermiLAB: General Accelerator Development (GAD) Salary of LHC Physics Center (LPC) Coordinator- Ian Shipsey 2009."

Siegmund, Thomas H; mechanical engineering, from National Science Foundation, $193,527, "Intergovernmental Personnel Assignment (IPA) Assignment for Thomas Siegmund."

Siegmund, Thomas H and Bolton, J S; mechanical engineering, from Trask Trust Fund, $33,626, "Metamaterial Sound Insulation Panels."

Simpson, Garth J; Das, Chittaranjan and Qi, Minghao; chemistry, electrical & computer engineering, from PHS-NIH National Center for Research Resource, $10,770, "Nonlinear Optical Imaging for Guiding Protein Structure Determination - for Grant 104892."

Siow, Yeow K; mechanical engineering — Calumet Campus, from Stevens Institute of Technology, $2,000, "Engaging Students in Engineering - Using Everyday Examples in Engineering (E3s) in the Classroom."
Siskind, Jeffrey M; electrical & computer engineering, from Army Research Laboratory, $438,478, "Robust and Principled Visual Intelligence; Modification 8 for Grant 104743."

Slaten, Christopher D; educational studies, from Purdue University, $17,608, "Understanding the Impact of Belong at Academic Schools."

Sloan, Mary Anne; technical assistance program, from Indiana State Office of Rural Health, $18,355, "Lean Healthcare Training/Project Facilitation and Introduction for Indiana’s Critical Access Hospitals."

Sloan, Mary Anne; technical assistance program, from Multi-Sponsored Industrials, $500, "Multi Sponsor Account I-HITEC."

Smida, Besma; electrical and computer engineering — Calumet Campus, from National Science Foundation, $238,885, "CIF: Small: Optimizing Two-Way Communications with Feedback."

Smith, Mtj; graduate school administration, from Purdue University Special Initiative Program, $2,678, "Adia, Raghavendra."

Smith, Richard S; food science, from Alcoa Inc, $750, "Food Science Research."

Smith, Richard S; food science, from Alcoa Inc, $1,500, "Food Science 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, $6,000, "Sensory Evaluation Research."

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

Spafford, Eugene H; computer science, from John Wiley & Sons Limited England, $30,000, "Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support."

Subbarayan-Shastri, Ganesh; mechanical engineering, from Semiconductor Research Corporation, $94,600, "Electrical-Mechanical Design Optimization for through-Silicon Vias; Modification 3."

Sudhoff, Scott D; electrical & computer engineering, from Ford Motor Company, $40,000, "Ford Motor Co. URP Award PhD Support."

Sundquist, John D; foreign language & literature, from Purdue University, $17,608, "Perceptions of Pronunciation and the Link to Oral Production Anxiety Among German Students."

Suter, Daniel M; biological sciences, from Purdue University, $17,608, "Src Tyrosine Kinase Regulation of Growth Cone Motility and Guidance."

Stephenson, Marcia C; foreign language & literature, from Purdue University, $17,608, "Argentine Women and Technology: The Analysis of Gendered Genre Evolution from Interdisciplinary Perspectives."

Stewart, Terry S; Richert, Brian T; Ajuwon, Kolapo and Schinkel, Allan P; animal sciences, from Elanco Animal Health, $28,477, "Soy Genetics Feeding Trial One."

Story, Jon A; graduate school administration, from Indiana University School of Medicine, $7,932, "Clinical and Translational Sciences Institute (CTSI) Predoctoral Trainee Award - Tully; Amendment 1." (a Discovery Park award — Bindley Bioscience Center)

Story, Jon A; Snyder, Margie E; Hudmon, Karen S and Murray, Michael D; graduate school administration, pharmacy practice, from Indiana University School of Medicine, $11,611, "Clinical and Translational Sciences Institute (CTSI) Young Investigator Award." (a Discovery Park award — Bindley Bioscience Center)

Strickland, Elizabeth A; speech, language and hearing sciences, from Indiana University School of Medicine, $17,608, "Investigating the Mechanisms Underlying Intensity Discrimination."

Subbarayan-Shastri, Ganesh; mechanical engineering, from Research Foundation of SUNY, $95,000, "3-D Simulations of Electromigration Driven Failure: Enabling Limiting Current Prediction for Cu Pillar Microbumps and 3-D TSVs; Modification 2."
Swihart, Robert K; forestry & natural resources, from Indiana Arborists Association, Inc., $3,750, "Indiana Arborists Association, Inc."

Tarko, Andrew P and Romero, Mario A; civil engineering, from Indiana Department of Transportation, $165,000, "Upgrading Roadway-Collision Diagram Builder and HSM Elements."

Taylor, Julia M; computer & information technology, from Purdue University, $17,608, "Toward Semantic-Based Phishing Detection."

Taylor, Lynne S; industrial & physical pharmacy, from Pharmaceutical Research and Manufacturers of America Inc, $20,000, "Pharma Pre-Doctoral Fellowship - Matthew Jackson."

Tisdale, James E; pharmacy practice, from Health & Hospital Corp of Marion County, $44,615, "Health and Hospital Corp of Marion County."

Topp, Elizabeth M; industrial & physical pharmacy, from Purdue University, $17,608, "Thiol-Disulfide Exchange and Disulfinde Scrambling in Peptides Derived from Human Growth Hormone."

Tuinstra, Mitchell R; agronomy, from Purdue University, $17,608, "Genetic Control of Kernel Composition and Leaf Nitrogen Remobilization in Diverse Populations of Corn and Sorghum."

Ulrich, Bernd; mathematics, from National Science Foundation, $96,991, "Rees Algebras and Singularities; Amendment 1 for Grant 105454."

Vacca, Andrea; agricultural & biological engineering, from Multi-Sponsored Industries, $2,550, "Multi-Sponsored Gift."


Viens, Frederi G; statistics, from Purdue University, $17,608, "High Frequency Algorithmic Portfolio Trading."


Villoria, Nelson B; agricultural economics, from Purdue University, $17,608, "Heterogeneous Firms."

Viswanathan, Chandramouli and Hixon, Emily J; mechanical engineering — Calumet Campus, teacher preparation — Calumet Campus, from National Science Foundation, $193,382, "Integrating Virtual 3-D Lab Modules for Flood Modeling Studies in Civil Engineering Curriculum: an Inter-University Implementation and Evaluation."

Vyn, Tony J; agronomy, from Fluid Fertilizer Foundation, $14,000, "Agricultural Cropping Systems."

Wassgren, Carl R; mechanical engineering, from Pfizer Inc, $191,510, "Powder Processing Simulations Incorporating Particle Shape and Inter-Particle Cohesion for Enhanced Process and Materials Understanding."

Wasyznuk, Oleg; electrical & computer engineering, from Sandia National Laboratories, $73,972, "Enabling Secure, Scalable Microgrids with High Penetration Renewables."

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

Weaver, Gabriela C; chemistry, from Purdue University, $17,608, "Longitudinal Evaluation of a Hybrid Scale-Up Model for First Year Chemistry Courses Statement of the Problem."


Weiss, William J and Blatchley, Ernest R; civil engineering, from Concrete Sealsants Inc, $114,746, "Assessing the Performance of Antimicrobial Concrete Admixtures in Concrete Exposed to Microbially Induced Corrosion (MIC)."

Weiss, William J and Tao, Bernard Y; civil engineering, agricultural & biological engineering, from Indiana Soybean Alliance, $57,979, "Soy-Based Luminescent Concrete Sealtant."

Wendt, Oliver; speech, language and hearing science, from Trask Trust Fund, $50,000, "Development of SPEAK More — A Language Training App for Individuals with Severe Autism."

Whitford, Fred; botany & plant pathology, from Professional Landcare Network Inc, $1,100, "Purdue Pesticide Programs."

Whitford, Fred; botany & plant pathology, from Professional Landcare Network Inc, $974, "Purdue Pesticide Programs."


Williams, Kipling D; psychological science, from National Science Foundation, $49,999, "Upgrading Cyberball: A Paradigm to Study Ostracism and Discrimination."

Williams, Rod N; forestry & natural resources, from Purdue Doctoral Program, $17,556, "Hernandez-Gomez, Obed."

Wirth, Mary J; chemistry, from PHS-NIH National Institute of General Medical Science, $18,095, "Targeting of Bladder Tumor Cells by Nanocarriers Bearing Bacillus Calmette-Guerin Fibronectin Attachment of Protein."

Wirth, Mary J; chemistry, from PHS-NIH National Cancer Institute, $149,618, "cIEF of Glycoproteins in Short Nanoporous Channels."

Wise, Kiersten A; botany & plant pathology, from E. I. du Pont de Nemours and Company, $8,000, "Voluntary Support Account."

Wise, Kiersten A; botany & plant pathology, from E. I. du Pont de Nemours and Company, $9,000, "Voluntary Support Account."

Wise, Kiersten A; botany & plant pathology, from E. I. du Pont de Nemours and Company, $300, "Voluntary Support Account."

Woloshuk, Charles P; botany & plant pathology, from Purdue University, $17,608, "Effect of Mutations to FST1 in Fusarium Verticilliodies on Functionality and the Regulation of Gene Expression."

Wu, Yue; chemical engineering, from Showalter Trust, $75,000, "Reduction of Heat Pollution in Water from Power Industry Using Thermoelectric-Based Refrigeration."

Xia, Jianlin; mathematics, from National Science Foundation, $21,011, "Efficient Structured Direct Solvers and Robust Structured Preconditioners or Large Linear Systems and Their Applications; Amendment 2 for Grant 105454."
Xia, Jianlin; mathematics, from Purdue University, $17,608, "Fast Algorithms for Structured and Sparse Matrices."

Xia, Jianlin; mathematics, from National Science Foundation, $211,454, "Faculty Early Career Development (CAREER): Structured Matrix Computations: Foundations, Methods, and Applications."

Xia, Yu; chemistry, from American Society for Mass Spectrometry, $35,000, "ASMS Gift Funds."

Xia, Yu; chemistry, from National Science Foundation, $122,018, "Gas-Phase Ion Chemistry of Peptide Radical Ions and Applications in Protein Characterization."

Xin, Yan Ping; educational studies, from Purdue University, $17,608, "A Comparison of the Effects of Two Instructional Sequences of Modules in a Math Problem-Solving Intelligent Tutor."

Yang, Chen; chemistry, from Purdue University, $17,608, "2013 Purdue Purdue Research Foundation (PRF) Silicene: Novel Two Dimensional Material Beyond Graphene."

Yang, Jer-Yen; basic medical science, from Purdue University, $8,000, "The Role of AMPK and Hedgehog Pathways in Medulloblastoma Development."

Yeo, Yoon; industrial & physical pharmacy, from Purdue University, $17,608, "Nanoparticle Depot for Intraperitoneal Chemotherapy of Ovarian Cancer."

Yeomans, Christopher L; philosophy, from Purdue University, $17,608, "Pantheism in Spinoza, Hegel and Contemporary Philosophy of Religion."

Yernool, Dinesh A; biological sciences, from PHS-NIH National Institute of General Medical Science, $18,710, "Structure and Function of Sodium-Calcium Exchangers."

Zanotti, Laura C; American Studies, from Purdue University, $17,608, "Hard Labor: Pursuing Economic Citizenship and Legal Recognition of Certified Professional Midwives in Alabama."

Zhang, Guangjun; comparative pathobiology, from Showalter Trust, $75,000, "Identify Novel Cancer Driver Genes on Chromosome 4q and 12q in Human Malignant Peripheral Nerve Sheath Tumors."

Zhang, Xiangyu; computer science, from National Science Foundation, $150,000, "Software and Hardware Foundations (SHF): Small: Collaborative Research: Towards Automated Model Synthesis of Library and System Functions for Program-Environment Co-Analysis."

Zhang, Xiangyu; computer science, from National Science Foundation, $400,000, "Software and Hardware Foundations (SHF): Small: Reliable Data Processing by Program Analysis."

Zhang, Xiangyu and Xu, Dongyan; computer science, from TT Government Solutions Inc., $79,000, "Modification 3 - Extracting Functional Components from x86 Binaries (Subcontract 20016918)."

Zhu, Jian-Kang; biochemistry, from PHS-NIH National Institute of General Medical Science, $323,227, "Calcium Signaling and Ion Homeostasis Regulation."

Zhu, Jian-Kang; biochemistry, from PHS-NIH National Institute of General Medical Science, $22,073, "DNA Demethylation and Transcriptional Gene Silencing."

Zollner, Patrick A; forestry & natural resources, from Purdue University F N Andrews Fellowship, $17,556, "Day, Casey C."

Zwier, Timothy S; chemistry, from Purdue University, $17,608, "Laboratory Investigations of Prebiotic Chemistry: Photochemical Pathways from Nitriles to Heteroaromatics."

Notice Regarding Sponsored Program Awards

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