Adeola, Olayiwola; animal sciences, from DSM Nutritional Products, Inc., $36,000, “Effect of Various Carbohydrates on the Performance of Broiler Chickens.”

Alexeenko, Alina; aeronautical & astronautical engineering, from The McCrone Group, $10,000, "LyoHUB Membership Agreement for McCrone; Amendment 1."

Ambrose, Rose Prabin K; agricultural & biological engineering, from Iowa State University, $60,500, “Continuation of Training to Prevent Grain Dust Explosions.”

Anderson, Joseph M; agronomy, from Rubisco Seeds LLC, $2,000, “Corn Research.”

Appenzeller, Joerg; agronomy, from Rubisco Seeds LLC, $2,000, “Corn Research.”

Appenzeller, Joerg; agronomy, from Rubisco Seeds LLC, $2,000, “Corn Research.”

Armstrong, Shalamar D; agronomy, from Mary S. Rice Farm Estate, $3,000, “Advancing Cover Crop Interseeding, the Prediction of Residue Decomposition, and Nitrogen Release.”

Barette, Elisa; computer science, from University of California-Los Angeles, $125,632, “Fundamental Limits of Learning Concepts and Models for Complex Systems.”

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

Beaulieu, Lionel J; Office of Engagement, from Multi-Sponsored Industries, $7,609, “Multi-Sponsored Account (Purdue Center for Regional Development (PCRD)).”

Bell, Mark R; electrical & computer engineering, from Digital Spring LLC, $5,000, “DSP II Digital Springs 2 Gift.”

Bertino, Elisa; computer science, from IBM, $30,676, “IBM DAIS ITA; Modification 1; Grant 108759.”

Bharadwaj, Hari M; speech, language and hearing sciences, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $377,155, “Individualized Assays of Supra-Threshold Hearing Deficits.”

Bigelow, Cale A; horticulture & landscape architecture, from Midwest Regional Turf Foundation, $30,000, “MRTF Gift Account.”

Boudouris, Bryan W; chemical engineering, from National Science Foundation, $99,156, “Faculty Early Career Development (CAREER): Advanced Molecular Architectures for Electronically-Active Radical Polymers.”

Bouman, Charles A; electrical & computer engineering, from Northrop Grumman Corporation, $51,451, “Model Based Iterative Reconstruction Methods for Computed Tomography.”

Bouman, Charles A and Ye, Dong Hye; electrical & computer engineering, from Sandia National Laboratories, $70,000, “Automatic, Near-Real-Time Detection of Moving Objects in Video.”

Braun, James E; mechanical engineering, from Danfoss, $50,000, “Center for High Performance Building Consortium.”

Braun, James E; mechanical engineering, from Kulthorn Kirby, $25,000, “Center for High Performance Building Consortium.”

Braun, James E; mechanical engineering, from Kulthorn Kirby, $25,000, “Center for High Performance Building Consortium.”

Braun, James E; mechanical engineering, from Kulthorn Kirby, $25,000, “Center for High Performance Building Consortium.”

Buczkowski, Grzegorz A; entomology, from Access Business Group International LLC, $5,400, “Multi Sponsored.”

Burgess, Wilella D and Parker, Loran C; education-administration, from John N. Gardner Institute for Excellence, $10,028, “John Gardner Institute Planning Grant.”

Burgess, Wilella D and Parker, Loran C; education-administration, from John N. Gardner Institute for Excellence, $25,000, “The G2C Emerging Learning System Nexus Project.”

Burgess, Wilella D and Parker, Loran C; education-administration, from John N. Gardner Institute for Excellence, $40,500, “Michigan Gateways to Completion Coalition.”

Campbell, Wayne W; foods & nutrition, from National Cattlemens Beef Association, $20,000, “Dietary Red Meat: Definitions and Intakes in America.”

Campbell, Wayne W; foods & nutrition, from American Egg Board, $165,000, “Effects of Higher Consumption of Protein-Rich Animal Foods with the USDA Healthy U.S.-Style Eating Pattern on Sleep Quality and Cardio-Metabolic Health in Overweight/Obese Adults During Diet-Induced.”

Campbell, Wayne W; foods & nutrition, from National Cattlemens Beef Association, $194,838, “Effects of Higher Consumption of Protein-Rich Animal Foods with the USDA Healthy U.S.-Style Eating Pattern on Sleep Quality and Cardio-Metabolic Health in Overweight/Obese Adults During Diet-Induced.”

Campbell, Wayne W; foods & nutrition, from National Cattlemens Beef Association, $20,000, “Dietary Red Meat: Definitions and Intakes in America.”
Casteel to Govindaraju

Casteel, Shaun N; Boomsma, Christopher R; Leuck, Jon D; Nielsen, Robert L; Scheeringa, Kenneth L and Vine, Tony J; agronomy, Pinney-Purdue Agricultural Center, from Mary S. Rice Farm Estate, $6,515, “Weather Station, Soil Moisture/Temperature Sensor, and Communications Node for the Monitoring of Environment Conditions at the Purdue University Rice Farm.”

Chang Alexander, Stewart C; consumer science & retail, from University of Vermont, $22,000, “Prognosis, Communication & Race in Advanced Cancer.”

Chen, Weining W; Gonzalez, Marcial; Koslowski, Marisol; Rhodes, Jeffrey F and Son, Steven F; aeronautical & astronautical engineering, mechanical engineering, from Air Force Office of Scientific Research, $440,768, “Real-Time Dynamic Measurements and Characterization of Mesoscale Deformation, Mod 2; Grant 107598.”

Chen, Zhihong; electrical & computer engineering, from Oak Ridge Institute for Science & Education, $17,000, “Investigation of Doping and Biosensing in 2d Transition Metal Dichalcogenides Devices Year 2.”

Cheng, Ji-Xin; biomedical engineering, from Vibronix Inc, $22,740, “Acoustar: Locating a Breast Tumor with Sub-Millimeter Accuracy Towards Precision Lymphectomy.”

Cheng, Ji-Xin; biomedical engineering, from Vibronix Inc, $82,305, “High-Speed Intraoperative Assessment of Breast Tumor Margin Using Marginpat.”

Chmielewski, Jean A; inflammation, immunology and infectious diseases, from Trask Trust Fund, $20,000, “The Pharmacokinetics of Cell Penetrating Antimicrobial Peptides.”

Choi, Jong Hyun and Mao, Chengde; mechanical engineering, chemistry, from Office of Naval Research, $43,534, “Toward Versatile Synthetic DNA Walkers.”

Cooklev, Todor V; electrical & computer engineering, from Ball State University, $38,987, “FPGA Implementation of Shared-Memory Middleware.”

Cook, Robert G; chemistry, from National Aeronautics and Space Administration, $69,950, “New Scan Modes in Ion Trap Mass Spectrometers for Planetary Exploration.”

Cook, Robert G; chemistry, from Eli Lilly and Company, $155,802, “Reaction Acceleration, Optimization and Small-Scale Preparation Using Electrospray and Mass Spectrometry.” (a Discovery Park award — Bindley Bioscience Center)

Crossley, William A; aeronautical & astronautical engineering, from Federal Aviation Administration, $49,994, “Project #25: General Aviation 2030 – GA Exploratory Analyses.”

Dai, Mingji; Cancer Research Center, from National Science Foundation, $263,465, “Faculty Early Career Development (CAREER): Carbonylation Methodologies and Strategies for Complex Natural Product Synthesis.”


Deshmukh, Abhijit V; industrial engineering, from General Electric Company, $85,000, “GE – PRIAM Gift.”

Dunning, John B; forestry & natural resources, from Sycamore Audubon Society, $600, “Voluntary Support.”

Dydak, Ulrike: health sciences, from Indiana University, $13,860, “Translational Adolescent Cannabis Use Research Center.”

Eicher-Miller, Heather A and Abbott, Angela R; foods & nutrition, health and human sciences, from South Dakota State University, $146,000, “Voices for Food.”

Ejeta, Gebisa; agronomy, from International Maize & Wheat Improvement Center, $824,752, “U.S. Borlaug Fellows in Global Food Security: a Ftf 21st Century Borlaug Leadership Program.” (a Discovery Park award – Global Sustainability)

Elicker, James G; child development & family studies, from Indiana Family and Social Services Administration, $367,785, “Indiana Paths to Quality Evaluation: Phase 3.”

Elliott, Stephen J and Oconnor, Kevin J; industrial technology, from Wavefront Inc, $13,579, “Cornea Topography Data Collection Phase 2 – 20 Subjects.”

Felisberto Martins Ribeiro, Bruno; computer science, from YWCA, $66,380, “Recommendation System for Curated Pathways App.”

Ferris, Virginia R; entomology, from Stoller Enterprises, Inc., $4,000, “Cyst Nematode Program.”


Fleet, James C; foods & nutrition, from Medical College of Wisconsin, $500, “Fleet Research.”

Foli, Karen J; nursing, from Robert Wood Johnson Foundation, $150,000, “A Transdisciplinary-Focused PhD Program in Nursing: Building Diverse Innovators, Leaders, Scientists and Educators.”

Frosch, Robert J and Pujol, Santiago; engineering administration engineering experiment, civil engineering, from Charles Pankow Foundation, $260,000, “Development and Splice Lengths for High-Strength Reinforcement.”

Garimella, Suresh V; mechanical engineering, from Qualcomm Technologies Inc, $30,000, “Cooling Technologies Research Center (CTRC) Membership – Memo Match for 106029.”

Gaskill, Brianna N; comparative pathobiology, from Animal Welfare Institute, $8,239, “Development of an Efficient and Effective Protocol for Playfully Handling Rats.”


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

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

Grana, Ananth Y and Chaterji, Somali; computer science, from PHS-NIH National Institute of Allergy and Infectious Diseases, $743,525, “Continued Development and Maintenance of the MG-RAST Metagenomics Pipeline.”

Grant, Michael J; aeronautical & astronautical engineering, from Grumman Aerospace Corp, $25,000, “M. Grant – Northrup Grumman.”

Grant, Richard H; agronomy, from Lake Michigan Air Directors Consort, $2,500, “Mercury Deposition Sampling at MDN IN22 Station.”

Guan, Wenjing; horticulture & landscape architecture, from Seedway, $700, “Chris Gunter General Research Activities.”

Handa, Avtar K; horticulture & landscape architecture, from Higher Education Commission Pakistan, $3,000, “Bench Fees – Sabahat Anwar.”

Handwerker, Carol A; Zhao, Fu; Iyer, Ananth V and Sutherland, John W; materials engineering, mechanical engineering, management, environmental & ecological engineering, from Ames Laboratory, $370,000, “Critical Materials Institute; Modification 6 [Grant 106637].”

Hardiman, Brady S; Couture, John J and McNickle, Gordon G; forestry & natural resources, entomology, botany & plant pathology, from Mary S. Rice Farm Estate, $6,000, “Collaborative Research: Competition, Coexistence and Community Structure: Identifying the Mechanisms that Structure Indiana Forests.”

Hartman, Nathan W; computer graphics technology, from Partial Differential Equations (PDEs) Inc, $16,000, “Hosting and Maintaining Partial Differential Equations (PDEs) Inc Website and Email Lists.”


Hertel, Thomas W; agricultural economics, from International Food Policy Research Institute, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”


Hertel, Thomas W; agricultural economics, from Environmental Protection Agency, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”

Hirleman, E D; Vice President for Research, from Dr. Reddys Laboratories, $207,939, “16-17 DLR Fellowship Shivani Kshirsagar.”

Holford, Kenneth C; engineering, math & science – Calumet campus, from U.S. Forest Service, $9,437, “Urban Waters Partnership in Northwest Indiana.”


Hook, Tomas O and Miller, Brian K; forestry & natural resources, from University of Illinois, $82,800, “Illinois Indiana Sea Grant Visual Communication.”


Hountz, Randall A; industrial engineering, from Indiana University, $9,713, “Great Lakes Practice Transformation Network.” (a Discovery Park award – Regenstrief Center for Healthcare Engineering)

Huang, Jen-Yi; food science, from Higher Education Commission Pakistan, $3,500, “Bench Fees – Adnan Khaliq.”

Huang, Libai; chemistry, from National Science Foundation, $315,000, “Faculty Early Career Development (CAREER): Ultrafast Nanoscopy of Energy Transport in Molecular Assemblies.”


Ishii, Mamoru; nuclear engineering, from Nuclear Regulatory Commission, $63,000, “Noncondensable Gas Transport in Piping Systems.”

Ishii, Mamoru; nuclear engineering, from Nuclear Regulatory Commission, $36,330, “Advanced Two-Phase Instrumentation: Experimental Support for Trace Model Development.”

Johnson, Carla J; curriculum and instruction, from Battelle Memorial Institute, $99,268, “Battelle – Army Educational Outreach Program Cooperative Agreement; Modification 5; Grant 108058.”

Johnson, William G; botany & plant pathology, from Syngenta Crop Protection Inc., $2,000, “Weed Science Research.”

Johnston, Cliff T; agronomy, from Sandia National Laboratories, $61,859, “Vibrational Spectroscopy of Mineral Edges Upon Exposure to Deuterated Water.”

Jones-Hall, Yava L and Lyle, Ladawn T; comparative pathobiology, from On Target Laboratories LLC, $17,827, “OnTarget IHC Analysis.”


Karcher, Elizabeth L; Lemenager, Ronald P and Stewart, Kara R; animal sciences, from Association of Public and Land Grant University, $2,000, “Development of a Novel Program to Expose Undergraduate Students to Key Issues Related to Animal Management.”

Key, Nicole L; mechanical engineering, from Rolls-Royce Corporation, $2,000, “Honeywell Aerospace Voluntary Support.”

Kim, Chang H and Hogenesch, Harm; comparative pathobiology, from PHS-NIH National Institute of Allergy and Infectious Diseases, $378,953, “Homing of Functionally Distinct Ile Subsets.”

Kissinger, Peter T; chemistry, from Biovidria Inc, $65,354, “Ultra-high Performance Non-Denaturing Protein Chromatography Columns.”

Klimeck, Gerhard; electrical & computer engineering, from Intel Corporation, $100,000, “iNEMO Intel Discretionary.” (a Discovery Park award – Network for Computational Nanotechnology)
Krane to Nachappa

Krane, Matthew J; materials engineering, from ArcelorMittal USA, $6,000, “Arcelor Mittal Steel Processing Project.”


Lambert, Natalie J and Perrault, Evan K; communication, from Purdue University, $35,000, “Development of Breast Cancer Prevention Campaign Informed by Computational Analysis of Large-Scale Patient and Survivor Narratives.”

Langenhoven, Petrus; Kaplan, Ian; Egel, Daniel S; Foster, Ricky E; Hoagland, Lori A; Ingwell, Laura L; Tucker, Tristand E; Weller, Stephen C and Young, Jay C; horticulture & landscape architecture, entomology, botany & plant pathology, Throckmorton-Purdue Agricultural Center, from Mary S. Rice Farm Estate, $10,000, “High Tunnel Maintenance and Crop Protection of Specialty Crops Research.”


Leidy, Heather J; foods & nutrition, from Leprino Foods, $2,000, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Impossible Foods Inc., $2,000, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Heartland Food Products Group, $1,500, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Weaver Popcorn Company, $3,000, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Conagra Food Ingredients Co., $2,000, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Maplehurst Bakeries Inc., $3,000, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Heartland Food Products Group, $1,500, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Heartland Food Products Group, $1,500, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Impossible Foods Inc., $8,060, “Multi Sponsored Gift – Sensory.”

Liu, Julie C; Breur, Gert J and Panitch, Alyssa; chemical engineering, veterinary medicine – administration, biomedical engineering, from Purdue University, $20,250, “Evaluation of Stem Cells Embedded in Bioactive Matrices for Cartilage Repair.”

Liu, Xiaojii; Ratliff, Timothy L and Xie, Jun; Cancer Research Center, statistics, from PHS-NIH National Cancer Institute, $321,861, “Enhancing Anti-Neoplastic Activity of Metformin in Prostate Cancer.”

MacDermid Wadsworth, Shelley; Broniarczyk, Kathy M and Beaulieu, Lionel J; child development & family studies, agricultural economics, from Elizabeth Dole Foundation, $10,000, “Awakening Communities: Providing Data on a Hidden Military/Veteran Population.”

Maji, Hemanta K; computer science, from National Science Foundation, $16,000, “TWC: Small: General and Modular Secure Computation in the Offline-Online Paradigm.”

Malandraki, Georgia; Goffman, Lisa A and Liu, Zhongming; speech, language and hearing sciences, biomedical engineering, from AACPADM, $24,984, “Neuroplastic Adaptations of Swallowing and Speech in Cerebral Palsy: A Two-Center Study to Identify New Treatment Targets.”

Mansfield, Charles W and Nowaskie, Dennis H; agronomy, Southwest-Purdue Agricultural Center, from Mary S. Rice Farm Estate, $10,000, “Pull-Type Field Sprayer Equipment Acquisition for Southwest Purdue Agricultural Center.”

Mattes, Richard D; foods & nutrition, from Almond Board of California, $400,000, “The Role of Almonds Consumed as a Breakfast and Snack by Adults with Different Body Fat Distributions on Indices of Carbohydrate and Lipid Metabolism.”

Meilan, Richard; forestry & natural resources, from Futuragene, Inc., $3,500, “Field Testing Futuragene.”

Miller, Jeffrey T; chemical engineering, from Argonne National Laboratory, $23,199, “X-Ray Absorption Studies of NREL Catalysts; Modification 5; Grant 107610.”

Mohammadi, Mohsen; agronomy, from North Dakota State University, $6,000, “Identifying Spring Malting barley Varieties Adapted to the Eastern US.”

Mohammadi, Saeed; electrical & computer engineering, from Nextflex, $207,224, “Ultra Flexible Rfid/Sensor System for Inventory Monitoring.” (a Discovery Park award – Birck Nanotechnology Center)

Monroe, James S and Deering, Amanda J; field extension educators, food science, from Mary S. Rice Farm Estate, $6,800, “Identification of Best Practice for Manure Management in Indiana Cantaloupe Production.”

Moore, Tamara J and Guzzy, Siddika; engineering education, curriculum and instruction, from University of Minnesota, $471,916, “Engrteams: Engineering to Transform the Education of Analysis, Measurement, and Science in a Team-Based, Targeted Mathematics-Science Partnership; Amendment 5; Grant 107039.”

Mudawar, Issam; mechanical engineering, from National Aeronautics and Space Administration, $74,000, “Flow Boiling and Condensation in Microgravity-NSTRF Fellowship for Lucas Oneill.”

Mugler, Andrew J; physics, from University of California – San Diego, $43,029, “Electrical Signaling in Bacterial Biofilms.”

Nachappa, Punya B; biology – Fort Wayne campus, from Ohio State University, $10,000, “Soybean Entomology in the North Central Region: Management and Outreach for New and Existing Pests; Amendment 2; Grant 208960.”
Niyogi to Richardson

Niyogi, Devdutta S. Beaty, James J; Biehle, Donald J; Boyer, Jeffrey L; Leuck, Jon D; Nowaskie, Dennis H; Scheeringa, Kenneth L; Tower, Jason E; Wahlman, Joel R; Walker, Philip C and Young, Jay C; agronomy, agronomy farm, agriculture – administration, Davis – Purdue Agricultural Center, Pinney-Purdue Agricultural Center, Southwest-Purdue Agricultural Center, Southern Indiana-Purdue Agricultural Center, Southeast-Purdue Agricultural Center, Northeast-Purdue Agricultural Center, Throckmorton-Purdue Agricultural Center, from Mary S. Rice Farm Estate, $10,000, “Maintenance and Improvement of Purdue Agricultural Centers Weather Station Network – 2017.”

Noinaj, Nicholas and Bakelar, Jeremy W; biological sciences, from PHS-NIH National Institute of General Medical Science, $57,066, “Mechanistic Insight into the Role of BAM Complex in E. Coli.”

Ogg, James G and Zhang, Yang; earth & atmospheric sciences, from Columbia University, $13,836, “Participation of Yang Zhang as a Paleomagnetist on Iodp Expedition 367.”

Okuniewski, Maria A; materials engineering, from Purdue University, $29,130, “Fy1617 Purdue Research Foundation (PRF) Research Grant.”


Ouyang, Zheng; biomedical engineering, from University of Colorado Boulder, $223,672, “Quantitation of Tenofovir-Diphosphate (TFV-DP) in Blood Cells; Amendment 1; Grant 108343.”

Paniagua Perez, Guillermo; mechanical engineering, from Rolls-Royce, Inc., $39,898, “Turbine Tip – Phase 2.”

Paniagua Perez, Guillermo; mechanical engineering, from NATO (N. Atlantic Treaty Organization), $1,763, “Versatile UAV Engine Control System.”

Paniagua Perez, Guillermo; mechanical engineering, from Rolls-Royce Corporation, $300,000, “Annular Test Module and Settling Chamber.”

Patton, Aaron J; Bigelow, Cale A and Jiang, Yiwei; horticulture & landscape architecture, agronomy, from Midwest Regional Turf Foundation, $10,000, “Midwest Regional Turf Foundation.”

Patton, Aaron J; horticulture & landscape architecture, from Midwest Regional Turf Foundation, $2,151, “Midwest Regional Turf Foundation.”

Patton, Aaron J; horticulture & landscape architecture, from Midwest Regional Turf Foundation, $34,340, “Midwest Regional Turf Foundation.”

Patton, Aaron J; horticulture & landscape architecture, from PBI Gordon Corp., $9,200, “Multi Sponsored.”

Patton, Aaron J and Bigelow, Cale A; horticulture & landscape architecture, from Midwest Regional Turf Foundation, $59,076, “Midwest Regional Turf Foundation.”

Peroulis, Dimitrios; electrical & computer engineering, from Harris Corporation, $75,000, “Consortium – Center for Electronic Defense Systems.”


Popov, Alexander K; electrical & computer engineering, from US Army Research Office, $30,901, “Coherent Nonlinear Nanophotonics.” (a Discovery Park award – Birck Nanotechnology Center)


Prabhakar, Sunil K; computer science, from The National GEM Consortium, $10,000, “GEM.”

Prokopy, Linda S; forestry & natural resources, from Walton Family Foundation, $80,000, “In-Depth Review of Farmer Adoption/Adoption to Adoption Literature.”

Pujol, Santiago; civil engineering, from First Energy Nuclear Operating Co., $76,000, “Experimental Study of the Effect of Laminar Cracks on Strength and Ductility 79-IN Splices of 11 Reinforcing Bars.”

Pyra-Nolte, Laura J; physics, from Sandia National Laboratories, $80,000, “Test Rock Specimens.”


Rainey, Katherine M and Ma, Jianxin; agronomy, from Ohio State University, $136,570, “Increasing the Rate of Genetic Gain for Yield in Soybean Breeding Programs.”

Rainey, Katherine M and Cherkauer, Keith A; agronomy, agricultural & biological engineering, from National Institute of Food & Agriculture, $703,000, “Development of Pipeline & Tools for Drone-Based Canopy Phenotyping in Crop Breeding.”

Ramanathan, Shriram; materials engineering, from Purdue University, $29,130, “Fy16_17 Purdue Research Foundation (PRF) Research Grant.”


Ramirez, Julio A; Bobet, Antonio; Dyke, Shirley J and Melosh, Henry J; civil engineering, mechanical engineering, science – administration, from Purdue University, $540,236, “New Horizon: Human Settlements for Extreme Environments.”

Rane, Karen K; botany & plant pathology, from Indiana Arborists Association, Inc., $200, “Multi Sponsored.”

Renzulli, Linda A; sociology, from National Science Foundation, $197,906, “Parent-Teacher Organizations and the Distribution of Learning Opportunities.”

Richardson, Jennifer C and Hontani, Yukiko; curriculum and instruction, educational studies, from Spencer Foundation, $49,919, “The Relationship Between the Community of Inquiry and Students Satisfaction and Learning: a Meta-Analysis.”
Richert to Swihart

Richert, Brian T; animal sciences, from National Guard Bureau, $10,000, “Swine Research.”

Richert, Brian T; animal sciences, from Zinpro Corporation, $50,000, “Swine Research.”

Robicheaux, Francis J; physics, from U.S. Department of Energy, $90,000, “Atoms and Ions Interacting with Particles and Fields.”

Rocheford, Torbert R; agronomy, from HarvestPlus, $100,000, “Genetic Research to Enhance Breeding for Higher Levels of Pro-Vitamin a in Maize Grain.”

Rochet, Jean-Christophe and Cannon, Jason R; medicinal chemistry & molecular pharmacology, health sciences, from Michael J. Fox Foundation, $66,706, “Neuroprotective Effects of Endosulfine-Alpha in PD Models.”

Sadeghi, Farshid; mechanical engineering, from Ford Motor Company, $55,000, “Tribology Lab Research.”

Sadof, Clifford S; entomology, from Indiana Christmas Tree Growers Association, $100, “Ornamental Insect Research.”

Sadof, Clifford S; entomology, from Rainbow Tree Company, $3,000, “Ornamental Insect Research.”

Sanders, David A; biological sciences, from Sandia National Laboratories, $130,000, “Development of CRISPR Delivery Vehicles Using Recombinant Viral Systems.”


Sangid, Michael D; aeronautical & astronautical engineering, from National Science Foundation, $500,000, “Faculty Early Career Development (CAREER): Understanding Grain Level Residual Stresses through Concurrent Modeling and Experiments.”

Savage, Michael L; WBA, from Corporation for Public Broadcasting, $135,364, ” CPB 2017 CSG.”

Schneider, Steven P; aeronautical & astronautical engineering, from Office of Naval Research, $60,000, “Towards a Mechanism-Based Procedure for Predicting Boundary-Layer Transition on Slender Models.”

Schneider, Steven P; aeronautical & astronautical engineering, from Office of Naval Research, $60,000, “Laminar Flow Control in a Hypersonic Quiet Nozzle Using Wall Suction: Feasibility Studies.”


Schneider, Steven P; aeronautical & astronautical engineering, from Office of Naval Research, $98,120, “Towards a Mechanism-Based Procedure for Predicting Boundary-Layer Transition on Slender Models.”

Schoenlein, William E and Durkes, Abigail C; biomedical engineering, comparative pathobiology, from Cook Research Incorporated, $263,539, “Pre-Clinical Device Testing Agreement; Studies: CI-AVF8, CI-WGKF, CI-MPIS, CI-DER, CI-TNV2, CI-TNV3, CBI-SCIB, CBI-VCSS, CS-ZENA, CI-BLA1, REG-PLAS, POC and Sentinels.”

Scott-Moncrieff, Joanna C; veterinary clinical science, from Veterinary Vision of Rochester, $11,284, “Radiology Residency Support.”

Shalaev, Vladimir M and Boltasseva, Alexandra; engineering administration engineering experiment, from Harvard University, $209,898, “Active Metasurfaces for Advanced Wavefront Engineering and Waveguiding; Amendment 3; Grant 107476.” (a Discovery Park award – Birck Nanotechnology Center)

Simpson, Garth J; chemistry, from Lilly Research Laboratories, $265,000, “Integrated SHG/DS and Pharmaceutical Formulations (LRAP).”

Smith, Anne: Weber, Christine M; Walsh, Bridget M; Christ, Sharon L and Lynam, Donald R; speech, language and hearing sciences, child development & family studies, psychological science, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $536,779, “Physiological Correlates of Stuttering.”

Smith, Daniel W; Witt, Michael C and Visconti, Amanda B; philosophy, library administration, from Purdue University, $39,345, “Webpage for the Seminars of Gilles Deleuze Project.”

Son, Steven F; Heister, Stephen D; Lucht, Robert P and Ramachandran, PV; mechanical engineering, aeronautical & astronautical engineering, chemistry, from US Army ACC APG Adelphi Div, $65,930, “Surface Chemistry and Combustion Behavior of Hypoglic Solid Fuels.”

Song, Xiaohui C; RCAC, from University of Illinois at Champaign-Urbana, $359,325, “XSEDE 2.0: Integrating, Enabling and Enhancing National Cyberinfrastructure with Expanding Community Involvement.”

Steinbach, Sarah M; veterinary clinical science, from Multisponsored Industrials, $25,000, “Clinical Nephrology & Urology.”

Steuterman, Ronald J; technology – administration, from Knauf Insulation, $15,000, “Membership Agreement - Indiana’s Next Generation Manufacturing Competitiveness Center – Knauf.”

Strachan, Alejandro H; Chen, Weinong W; Koslowski, Marisol; Ortalan, Volkan and Son, Steven F; materials engineering, aeronautical & astronautical engineering, mechanical engineering, from Office of Naval Research, $400,000, “Pc@Xtreme - Predictive Chemistry & Physics at Extreme Temperature and Pressure.” (a Discovery Park award – Birck Nanotechnology Center)

Strachan, Alejandro H; materials engineering, from Sandia National Laboratories, $94,997, “Atomic Simulations of Reactive Al/Co Lamiantes.” (a Discovery Park award – Network for Computational Nanotechnology)

Sudhoff, Scott D; electrical & computer engineering, from National Renewable Energy Laboratory, $33,333, “Sunlamp Ampv: Develop Magnetics Design Optimization Tool and Design and Construct Optimized Power Magnetics; Modification 5; Grant 108167.”

Sudhoff, Scott D; electrical & computer engineering, from Houston Mechatronics Inc, $22,000, “Houston Mechatronics Voluntary Support.”

Swihart, Robert K; forestry & natural resources, from National Association of University Forest Res, $5,000, “Voluntary Support.”
Tormoehlen to Zuelly

**Tormoehlen, Roger L:** agricultural & biological engineering, from Monosem, $500, “Multi Sponsored Gift.”

**Troy, Cary D:** civil engineering, from National Science Foundation, $483,562, “Collaborative Research: Regulation of Plankton and Nutrient Dynamics by Hydrodynamics and Profundal Filter Feeders.”

**Tuinstra, Mitchell R:** agronomy, from Ag Alumni Seed Improvement Association, $40,000, “Corn Research.”

**Tuinstra, Mitchell R; Crawford, Melba M; Delp, Edward J; Habib, Ayman F; Weil, Clifford F; Cherkauer, Keith A; Ebert, David S and Leasure, Michael L:** agronomy, electrical & computer engineering, civil engineering, agricultural & biological engineering, aviation technology, from Advanced Research Projects Agency – Energy, $149,997, “Automated Sorghum Phenotyping and Trait Development Platform.”

**Vacca, Andrea:** agricultural & biological engineering, from National Fluid Power Association, $1,000, “Multi Sponsored Gift.”

**Varma, Amit H:** civil engineering, from Westinghouse Electric Corporation, $235,000, “Evaluation of RC Shield Building.”

**Vyn, Tony J:** agronomy, from Pcs Administration (USA), Inc., $5,000, “Agricultural Cropping Systems.”

**Vyn, Tony J:** agronomy, from Mosaic Crop Nutrition LLC, $5,000, “Agricultural Cropping Systems.”

**Wang, Haiyan:** materials engineering, from Office of Naval Research, $45,000, “Wang – Strain Driven Novel Layered Oxide Thin Films with Unique Functionality’s.”


**Wang, Xiaoming:** engineering technology, from Medtronic, Inc., $6,000, “Microstructure Characterization of Titanium Wires.”

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

**Weller, Stephen C:** horticulture & landscape architecture, from Indiana Mint Market Development Council, $10,000, “Research Efforts in Weed Management with Mint.”

**Wilker, Jonathan J:** chemistry, from Office of Naval Research, $41,667, “Biomimetic Adhesives Delivered Underwater, with Charges, and from Renewable Resources.”

**Williams, Rod N:** forestry & natural resources, from Ronald or D. Shane Breeding, $50, “Voluntary Support”

**Williams, Rod N:** forestry & natural resources, from Mesker Park Zoo Docents, $500, “Voluntary Support.”

**Wise, Kiersten A:** botany & plant pathology, from Mississippi State University, $25,000, “Improved Management of Charcoal Rot.”

**Won, You-Yeon:** chemical engineering, from Lodos Theranostics LLC, $2,000, “Cancer Radio Luminescence Therapy.”


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

**Xu, Dongyan:** computer science, from Citigroup, $60,000, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.”

**Xu, Dongyan:** computer science, from Intel Corporation, $100,000, “Intel – Research Security Assistantship.”

**Yazawa, Kazuaki:** electrical & computer engineering, from Tokyo Electric Power Co., Inc., $37,756, “Chilled Water Thermoelectric Power Generator: Phase-I.” (a Discovery Park award – Birck Nanotechnology Center)

**Ye, Dong Hye and Bouman, Charles A:** electrical & computer engineering, from Northeastern University, $120,511, “Adaptive Automatic Target Recognition for Computed Tomography (CT)-Based Object Detection Systems.”

**Young, Bryan G:** botany & plant pathology, from Winifred B. Bilisland Endowment, $10,246, “Harre, Nicholas.”

**Youngblood, Jeffrey P and Zavattieri, Pablo D:** materials engineering, civil engineering, from US Endowment Forestry Communities, $50,000, “Yreka – Reinforcing Cement with Cellulose Nanomaterials/ Testing of Cellulose Nanoparticles in Cementitious Composites.”

**Zhou, Chenn Q:** mechanical engineering – Calumet campus, from NiSource Energy Technologies, $45,000, “Steel Manufacturing Visualization and Simulation Consortium (SMVSC) Membership.”

**Zillich, Alan J:** pharmacy practice, from Eskenazi Health, $510,448, “Co-Funded Position in Adult Medicine with Eskenazi Hospital.”

**Zollner, Patrick A and Day, Casey C:** forestry & natural resources, from National Institute of Food & Agriculture, $75,114, “Utilizing Research and Education to Address Interactions Among Climate Change, Natural Resource Use, and Wildlife Conservation in a Multi-Cultural Environment.”

**Zollner, Patrick A; Dacunto, Laura E and Carlson, Donald E:** forestry & natural resources, from Mary S. Rice Farm Estate, $8,100, “Understanding Habitat Needs of Northern Long Eared Bats in Northern Indiana Landscapes.”

**Zuelly, Stacy M:** animal sciences, from Zinpro Corporation, $20,000, “Multi Sponsor Support.”

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**Notice Regarding Sponsored Program Awards**

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