Sponsored Program Awards

September 2016

Abraham to Behrens

Abraham, Dulcy M; civil engineering, from Water Research Foundation, $125,000, “Practical Condition Assessment and Failure Probability Analysis of Small Diameter Ductile Iron Pipe.”


Agrawal, Rakesh; Lundstrom, Mark S; Alam, Muhammad A and Garimella, Suresh V; chemical engineering, engineering administration engineering experiment, electrical & computer engineering, mechanical engineering, from National Renewable Energy Laboratory, $229,500, “National Renewable Energy Laboratory (NREL) 402717 Subcontract No. Xej-3-23225-01; Modification 8; Grant No. 106406.”

Ajuwon, Kolapo; animal sciences, from JBS United Inc, $10,000, “Swine Research.”

Alexeenko, Alina and Heister, Stephen D; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $100,000, “Microelectromechanical System (MEMS) Reaction Control and Maneuvering for Picosat Beyond Leo.”

Alexeenko, Alina; aeronautical & astronautical engineering, from Pfizer Inc, $58,000, “Production Lyophilizer Performance Qualification: Validation of Computational Fluid Dynamics (CFD) Modeling.”

Allebach, Jan P; electrical & computer engineering, from Hewlett Packard, $75,000, “Embedding of Data in Hard Copy by Circular Coding.”

Allebach, Jan P; Pekarek, Steven D; Bolton, J S; Chiu, George T and Davies, Patricia; electrical & computer engineering, mechanical engineering, from Hewlett Packard, $350,000, “Print Quality Improvement.”

Ambrose, Rose Prabin K; agricultural & biological engineering, from Abbott Nutrition, $3,875, “Optimizing Powder Blending for Content Homogeneity.”

Anderson, William E and Lucht, Robert P; aeronautical & astronautical engineering, mechanical engineering, from University of California-Los Angeles, $150,000, “High Fidelity Measurements and Modeling of Combustion Instabilities; Amendment 1.”

Arling, Gregory W; nursing, from University of Minnesota, $40,000, “Evaluation of Minnesota CC Initiatives.”

Bahr, David F; materials engineering, from Purdue Doctoral Program, $31,675, “Brenner, Anneliese.”

Bajaj, Anil K; Chiu, George T; Davies, Patricia; Jones, James D; Key, Nicole L; Dickerson, Darryl A; Gleghorn, Virginia L; Nuaman, Eric A and Reid, Tahira; mechanical engineering, Minority Engineering Program, from Purdue University, $150,000, “Diversity Transformation: Strengthening the Purdue Pipeline for URM Student Matriculation: Addressing Financial Constraints, Improving Retention, and Assessing Student Experiences.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from Tellabs Foundation, $2,000,000, “Purdue - Tellabs Quantum Photonics Preeminent Team.”

Barnard, Freddie L; agricultural economics, from Julie Gable, $500, “Indiana Society of Farm Managers and Rural Appraisers.”

Basu, Saugata; mathematics, from National Science Foundation, $200,000, “Logic, Topology and Genomics.”


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

Bayley, William G; chemistry, from Ivy Technology State College, $450, “Instrumentation Van Project.”


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


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

Bayley, William G; chemistry, from Cardinal Ritter High School, $900, “Instrumentation Van Project.”

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

Beaulieu, Lionel J; Office of Engagement, from Community Access Inc., $11,043, “Multi-Sponsored Account (PCRD) Purdue Center for Regional Development.”

Beckerman, Janna L; botany & plant pathology, from BASF Corporation, $4,000, “Indiana Arborists Association, Inc.”

Beckerman, Janna L; botany & plant pathology, from Bayer Cropscience, $12,000, “Indiana Arborists Association, Inc.”

Behrens, Sandra R; nursing – Calumet campus, from Indiana University, $3,028, “SORH Subcontract.”
Benjamin to Chaubey

Benjamin, Tamara J; Abbott, Philip C; Burniske, Gary R; Derusha, Carmen E; Kelly, Colleen R; Parker, Kristina J and Wilcox, Michael D; horticulture & landscape architecture, agricultural economics, agronomy, ces misc, youth development & agricultural education, agriculture – administration, from Foreign Agricultural Service, $200,273, “Gaining a Better Understanding of the Colombian Cacao Supply Chain.”

Bertino, Elisa; Brouder, Sylvie M and Matei, Sorin A; computer science, agronomy, communication, from National Science Foundation, $99,938, “BD Spokes: Planning: Midwest: Cyberinfrastructure to Enhance Data Quality and Support Reproducible Results in Sensor Originated Big Data.”

Bhave, Sunil A; electrical & computer engineering, from Defense Advanced Research Projects Agency, $40,000, “Mirc Clock: Miniaturized Silicon Carbide Clock.”

Blatchley, Ernest R; civil engineering, from Purdue University, $23,073, “1516 Global Food Security (GFS).”


Boor, Brandon E; civil engineering, from Purdue University, $42,108, “1516 Global Food Security (GFS).”

Boudouris, Bryan W and Franses, Elias I; chemical engineering, from Pioneer Oil Company, $93,422, “Year 3 - Elucidating the Structure-Property Relationships of Surfactant-Polymer Emulsions for Enhanced Oil Recovery (EOR) in the Illinois Basin.”

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


Braun, James E; mechanical engineering, from Danfoss, $50,000, “Center for High Performance Buildings Membership Agreement.”

Bullock, Darcy M; civil engineering, from American Structurepoint Inc, $400, “Joint Transportation Research Program (JTRP) Supplementary Research Account.”

Bullock, Darcy M; civil engineering, from Institute of Transportation Engineers, $4,000, “Joint Transportation Research Program (JTRP) Supplementary Research Account.”

Buzard, Gregery T; mathematics, from Purdue University F N Andrews Fellowship, $18,487, “Araiza, Roy.”


Cai, Hubo and Chun, Hyonho; civil engineering, statistics, from Indiana Department of Transportation, $218,193, “Testing Intervals Confidence in Pavement”

Cai, Zhiqiang; mathematics, from National Science Foundation, $57,485, “A Posteriori Error Estimation through Duality and Some Other Topics.”

Cain, Steven A and Hostetler, Abby R; agricultural communication, from National Institute of Food & Agriculture, $370,000, “Extension Disaster Education Network (EDEN) Security Initiative IX: EDENs Role in Homeland Security, Food and Ag Defense and All Hazard Education.”

Cain, Steven A and Hostetler, Abby R; agricultural communication, from National Institute of Food & Agriculture, $800, “Extension Disaster Education Network (EDEN) Security Initiative IX: EDENs Role in Homeland Security, Food and Ag Defense and All Hazard Education.”

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

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

Caldwell, Barrett S; industrial engineering, from Indiana University Purdue University Indianapolis, $27,643, “Eskenazi CBCI MC3 Design Assistant.”

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

Campanella, Osvaldo H; agricultural & biological engineering, from Bin Li, $2,200, “Multi-Sponsored Gift Account.”

Capobianco, Brenda M; Erk, Kendra A; Rebello, Nobel S; Adams, Robin S; Eichinger, David C; Guzey, Siddika and Ryu, Min Jung; engineering education, materials engineering, physics, biological sciences, chemistry, from National Science Foundation, $1,596,118, “Update – Using Principles of Design to Advance Teacher Education.”

Cardella, Monica E; engineering education, from National Science Foundation, $81,228, “Strengthening the Science, Technology, Engineering & Mathematics (STEM) Pipeline for Elementary School African Americans, Hispanics, and Girls by Scaling Up Summer Engineering Experiences.”

Casteel, Shaun N; agronomy, from Tesslerderlo Kerley Inc, $10,000, “Soybean Extension Research.”


Chang Alexander, Stewart C; consumer science & retail, from Veterans Administration Medical Center/San Francisco, $91, “Intergovernmental Personnel Assignment (IPA) Veterans Administration Medical Center, San Francisco.”

Chang, Chun-Ju; Cancer Research Center, from Purdue University, $100,000, “The Role of Microrna Directed Science, Technology, Engineering & Mathematics (STEM) Cell Fate in Breast Cancer.”

Chang, Fan-Lei F; medical education – Fort Wayne campus, from Indiana University, $70,000, “Fy16-17 Indiana University School of Medicine (IUSM) – Fort Wayne Expansion Funding State Support.”

Chaubey, Indrajeet; agricultural & biological engineering, from Texas A&M University, $30,000, “Soil and Water Assessment Tool (SWAT) Development.”
Chen to Ferris

Chen, Qingyan; mechanical engineering, from Tianjin University, $100,000, “Developing Innovative Ventilation Systems for Aircraft Cabins.”

Cheng, Gary J; industrial engineering, from National Science Foundation, $50,000, “High Throughput Magnetic Optical Nano-Milling with Nanoparticles.”

Collicott, Steven H; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $161,685, “Zero-G Condensation Droplets and Flow in Phase-Change Loops.”

Comer, Mary L; electrical & computer engineering, from Air Force Office of Scientific Research, $66,917, “Rare Event Simulation for Modeling of Low-Probability Events in Materials Systems.”

Connor, Robert J and Lloyd, Jason B; civil engineering, from Indiana Corn Marketing Council, $20,000, “Technical Assistance to County Highway Departments in Load Testing of Rural Bridges.”

Connor, Robert J and Lloyd, Jason B; civil engineering, from Soy Transportation Coalition, $10,000, “Technical Assistance to County Highway Departments in Load Testing of Rural Bridges.”

Connor, Robert J; civil engineering, from University of Missouri, $5,000, “Guidelines to Improve the Quality of Element-Level Bridge Inspection Data, Amendment 1; Grant 107948.”


Delp, Edward J; electrical & computer engineering, from Indiana University, $67,264, “Center for Advanced Renal Microscopic Analysis; Subaward IN 4685579PU, Amendment 4; Grant 106315.”

Delp, Edward J; electrical & computer engineering, from University of Wisconsin at Milwaukee, $5,000, “Measuring Physical Activity in Children with Special Needs.”

Delp, Edward J; electrical & computer engineering, from University of Hawaii, $10,000, “Intermittent Energy Restriction Intervention.”

Doudareva, Natalia; biochemistry, from Binational Science Foundation, $27,450, “Plant-Mediated Defense Mechanisms in Gall-Forming Aphids–Grant 207120.”


Drineas, Petros S; computer science, from National Science Foundation, $246,664, “BIGDATA: F: DKA: Collaborative Research: Randomized Numerical Linear Algebra (RandNLA) for Multi-Linear and Non-Linear Data.”

Dunning, John B; forestry & natural resources, from Sycamore Audubon Society, $750, “Voluntary Support.”

Elicker, James G; Purpura, David J and Schmitt, Sara A; child development & family studies, from Indiana Family and Social Services Administration, $511,310, “Evaluation of the Indiana Early Learning Pilot Grant Program.”

Esters, Levon T and Knobloch, Neil A; youth development & agricultural education, from National Institute of Food & Agriculture, $92,538, “Recruiting Underrepresented Minority Graduate Students in the Agricultural Sciences through Partnerships with 1890 Land-Grant Institutions.”

Fanjoy, Richard O; aviation technology, from Purdue University N Andrews Fellowship, $17,902, “Major, Wesley.”

Farkas, Brian E; food science, from Geswein Farms, $30, “Multi-Sponsored Gift Fermentation.”

Farkas, Brian E; food science, from The Pine Farm Hops, LLC, $30, “Multi-Sponsored Gift Fermentation.”

Farkas, Brian E; food science, from Brewers of Indiana Guilds, Inc, $25,000, “Multi-Sponsored Gift Fermentation.”

Fei, Songlin; Hardiman, Brady S and Pijanowski, Bryan C; forestry & natural resources, from National Science Foundation, $996,171, “Modeling Invasion Dynamics Across Scales (MIDAS).”

Ferris, Virginia R; entomology, from Cargill, Inc., $5,000, “Cyst Nematode Program.”
Field to Handa

Field, William E; Baldwin, Charles F; Chastain, Cindra M; Jones, Paul J and Swain, Stephen J: agricultural & biological engineering, from National Institute of Food & Agriculture, $180,000, “Indiana Agrability Project.”


Fineran, Kerrie R: professional studies – Fort Wayne campus, from The Lutheran Foundation, $59,625, “Indiana University-Purdue University Fort Wayne (IPFW) Community Counseling Center Family Project.”


Frosch, Robert J and Williams, Christopher S: engineering administration, from Simpson Gumpertz & Heger, $36,000, “Relaxation Testing of Steel Rods.”

Fulton, Joan R and Widmar, Nicole J: agricultural economics, from International Institute of Tropical Ag, $79,839, “Choice Experiments to Assess Willingness to Pay for Aflasafe in Nigeria (Choiceaflasafe).”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $28,963, “Chandrasekaran, Chandnne.”

Garimella, Suresh V: mechanical engineering, from Laird Technologies, $7,500, “Cooling Technologies Research Center (CTRC) Membership - Memo Match for 106029.”

Garimella, Suresh V: mechanical engineering, from Sandia Corporation, $30,000, “Cooling Technologies Research Center (Cooling Technologies Research Center (CTRC) Membership - Memo Match for 106029.”

Garimella, Suresh V: mechanical engineering, from Raytheon, $30,000, “Cooling Technologies Research Center (CTRC) Membership.”

Garimella, Suresh V; Lowenberg-Deboer, James M; Day, Gordon J; Preckel, Paul V and Sanders, John H: Executive Vice President for Research, agricultural economics, hospitality & tourism, from ESAP, $999,757, “Opportunities for Agriculture and Tourism in the Orinoquía Region of Colombia.”

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


Gentry, Marcia L: educational studies, from U.S. Department of Education, $494,835, “Developing Talents and Improving Student Achievement Among Traditionally Underrepresented Populations.”

Ghafoor, Arif and Aref, Walid G: electrical & computer engineering, computer science, from National Science Foundation, $46,820, “TC:Medium:Security and Privacy Preserving Data Mining and Management for Distributed Domains.”

Ginzell, Matthew D: entomology, from U.S. Forest Service, $43,339, “Assessment of Thousand Cankers Disease within the Native Range of Black Walnut (Juglans Nigra).”

Grama, Ananth Y and Szpankowski, Wojciech: computer science, from Case Western Reserve University, $216,397, “Theoretical Foundations and Software Infrastructure for Biological Network Databases.”

Gray, Nicholas W: diversity and multicultural affairs – Fort Wayne campus, from U.S. Department of Education, $257,500, “Indiana University-Purdue University Fort Wayne (IPFW) Upward Bound I.”

Gray, Nicholas W: diversity and multicultural affairs – Fort Wayne campus, from U.S. Department of Education, $257,500, “Indiana University-Purdue University Fort Wayne (IPFW) Upward Bound II.”

Greeley, Jeffrey P: chemical engineering, from Argonne National Laboratory, $139,613, “Center for Electrochemical Energy Storage.”

Groll, Eckhard A: mechanical engineering, from Regal Beloit Corp, $20,000, “Multi-Sponsor Groll.”

Groll, Eckhard A and Braun, James E: mechanical engineering, from Nanjing Aotecar Refrigerating Co Ltd, $106,000, “Modeling and Testing of an Automotive Scroll Compressor Using Carbon Dioxide as the Refrigerant.”

Groll, Eckhard A: mechanical engineering, from Air Squared Inc, $2,500, “Multi-Sponsor Groll.”

Groll, Eckhard A: mechanical engineering, from Den Black, $9,000, “Testing of an Automotive Ac Compressor Using a Tescor Compressor Calorimeter.”


Guanci, Wenjing: horticulture & landscape architecture, from Highmark Seed Company, LLC, $600, “Chris Gunter General Research Activities.”

Guanci, Wenjing: horticulture & landscape architecture, from Robert Arriaga, $1,250, “Potassium Management.”

Guanci, Wenjing: horticulture & landscape architecture, from Bayer Cropscience, $1,250, “Chris Gunter General Research Activities.”

Habib, Ayman F: civil engineering, from Butler Fairman and Seugert, Inc., $1,399, “Calibration of Gopro Cameras.”

Hall, Tanya J: field extension educators, from Indiana State Poultry Association, $6,000, “Economic Impact of Indiana’s Commercial Poultry Industry.”

Hamaker, Bruce R: food science, from PepsiCo Inc./ World Trading Co., $57,590, “Corn Kernel Hydration During Corn Nixtamalization.”

Heeg to Ivantysynova

Heeg, Marlene O: pharmacy – administration, from Genzyme Corporation, $150,000, “MS Forum III: Charging Ahead: Latest Updates in Diagnosis, Management and Therapies on the Horizon.”

Heeg, Marlene O: pharmacy – administration, from Intercept Pharmaceuticals Inc, $1,878,797, “2016-2017 PBC Centers of Educational Expertise.”


Heeg, Marlene O: pharmacy – administration, from Astellas Pharma US Inc, $95,000, “Peerview Inclinic Curriculum, Applying the Latest Evidence and Recommendations to Deliver Interdisciplinary, Patient-Centered Care to Patients with Castrate-Resistant Prostate Cancer in the Veterans.”

Heeg, Marlene O: pharmacy – administration, from AbbVie Inc, $60,000, “Sub-Optimal Outcomes Create Substantial Challenges: Moving the Mark in IBD Management.”


Hertel, Thomas W: agricultural economics, from RIETI (Research Institute of Economy, Trade and Industry), $20,435, “Global Trade Analysis Project (GTAP) Consortium.”


Hibiki, Takashi: nuclear engineering, from Institute of Nuclear Safety Systems, Inc, $22,500, “Improvement of Void Fraction Correlation for Rod Bundle and Downcomer.”

Hill, John E: educational studies, from National Rural Education Association, $31,536, “Cooperative Agreement with National Rural Education Association (NREA) for 2016-2017.”

Hogenesch, Harm: comparative pathobiology, from Zoetis, $17,448, “Antibodies to Bovine Serum Components in Vaccinated Dogs.”

Holland, Jeffrey D: entomology, from Purdue Doctoral Program, $28,963, “McCroskey, Eoghan.”


Hountz, Randall A: Technical Assistance Program, from Meridian Surgical Group, $1,520, “Multi-Sponsor Account I-HITEC.” (a Discovery Park award – Regenstrief Center for Healthcare Engineering)

Hountz, Randall A: Technical Assistance Program, from Clinton H. Scott, DPM, $760, “Multi-Sponsor Account I-HITEC.” (a Discovery Park award – Technical Assistance Program)

Hountz, Randall A: Technical Assistance Program, from JSI Research and Training Institute, $566, “Multi-Sponsor Account I-HITEC.” (a Discovery Park award – Technical Assistance Program)

Hountz, Randall A: Technical Assistance Program, from JSI Research and Training Institute, $3,600, “Multi-Sponsor Account I-HITEC.” (a Discovery Park award – Technical Assistance Program)

Hoverman, Jason T: forestry & natural resources, from University of California, $99,667, “Eid: Disease in Complex Communities: How Multi-Host, Multi-Pathogen Interactions Drive Infection Dynamics, Amendment 2 (Grant 107452).”

Howarter, John A: materials engineering, from National Institute of Standards & Technology, $54,237, “Nanoscale Structure-Property Measurements in Next Generation Ballistic Fibers and Related Polymer Materials; Amendment 2; Grant 107253.”


Howell, Kathleen: aeronautical & astronautical engineering, from Goddard Space Flight Center, $100,003, “Expanded Mission Design and Analysis Capabilities for Access and Transport in Multi-Body Regimes.”

Hu, Changdeng: medicinal chemistry & molecular pharmacology, from Showalter Trust, $5,000, “FY 16-17 Showalter Scholars.”

Huang, Fang: biomedical engineering, from U.S. Department of Interior, $323,045, “3-D Super-Resolution Imaging of Intact Animals.”

Huber, Matthew: earth & atmospheric sciences, from National Science Foundation, $243,674, “Collaborative Research: P2C2: Re-Assessing Pliocene and Miocene Warm Climates and Identifying the ‘missing Physics to Explain Them.”

Ileleji, Klein: agricultural & biological engineering, from Purdue University, $42,108, “1516 Global Food Security (GFS).”


Ivantysynova, Monika: agricultural & biological engineering, from Kalamazoo Community Foundation, $2,000, “Kalamazoo Community Foundation.”

Ivantysynova, Monika: agricultural & biological engineering, from University of Minnesota, $80,000, “ERC for Compact, Clean, and Efficient Fluid Power Systems.”
Jenkins to Li

Jenkins, Michael A: forestry & natural resources, from National Park Service, $6,345, “Fourteen Years of Change Following Eastern Hemlock Loss in Southern Appalachian Forests.”

Jenkins, Michael A: forestry & natural resources, from Eco Logic LLC, $3,534, “Voluntary Support.”

Jiang, Wen: biological sciences, from Showalter Trust, $5,000, “FY 16-17 Showalter Scholars.”

Jin, Jian; Agee, April A; Tuinstra, Mitchell R; Mickelbart, Michael V and Turco, Ronald F: agricultural & biological engineering, agriculture – administration, agronomy, botany & plant pathology, from Sumitomo Chemical Company, $540,026, “Greenhouse Plant Phenotyping for Detecting Physiological and Morphological Changes.”


Jones, Owen G: food science, from Kellogg Company, $1,300, “Multi-Sponsored Industrial.”


Kienttamaa, Hilkka I: chemistry, from Pioneer Oil Company, $75,000, “Molecular Level Characterization of Crude Oil, Brine, Surfactants, and Other Complex.”

Kever, Shubitha S: diversity and multicultural affairs – Fort Wayne campus, from U.S. Department of Education, $226,600, “Trio Student Support Services at Indiana University-Purdue University Fort Wayne (IPFW) 2016-2017.”

Kaye, Nicole L: mechanical engineering, from Rolls-Royce, Inc., $10,900, “CSTAR Performance Research.”

Kaye, Nicole L: mechanical engineering, from National Aeronautics and Space Administration, $47,000, “Experimental Investigation of Impeller-Diffuser Interactions.”


Kim, Yuan H: animal sciences, from Gyeongsang National University, $10,000, “New Insight into Frozen/Thawed Meat.”

Kirkpatrick, Jane M: nursing, from Health Resources & Services Administration, $78,989, “Health Center Cluster.”

Kirkpatrick, Jane M and Coddington, Jennifer A: nursing, from Indiana State Department of Health, $12,000, “Indiana Primary Care Learning Collaborative Mini-Grant 2016.”

Kladivko, Eileen J: agronomy, from Natural Resources Conservation Service, $86,810, “Practical Summary, Analysis, and Interpretation of Soil Health Assessments.”

Kladivko, Eileen J: agronomy, from Natural Resources Conservation Service, $3,190, “Practical Summary, Analysis, and Interpretation of Soil Health Assessments.”

Klimek, Gerhard; Fonseca, James E; Kubis, Tillmann C and Povolotskyi, Mykhailo: electrical & computer engineering, from National Science Foundation, $12,710, “Advanced Nanoelectronic Device Design with Atomistic Simulations.” (a Discovery Park award – Network for Computational Nanotechnology)

Kosloskii, Mariosol and Handwerker, Carol A: mechanical engineering, materials engineering, from National Science Foundation, $487,569, “Controlling Heterogeneous Stress Relaxation in Tin Films: Whiskers, Grain Boundary Sliding, and Beyond.”

Kramer, Robert A: energy efficiency & reliability center, from Indiana Municipal Utility Group, $40,000, “Support for Street Light Testing and Evaluation for 8 Indiana Municipalities (IMUG).”

Kreisle, Regina A: medical education, from Indiana University, $15,000, “Fy16-17 Indiana University School of Medicine (IUSM)-Lafayette General Fund.”

Kreisle, Regina A: medical education, from Indiana University, $2,389,863, “Fy16-17 Indiana University School of Medicine (IUSM)-Lafayette General Fund.”

Kuang, Shihuan: animal sciences, from Boehringer Ingelheim Pharmaceutical Inc, $55,800, “Effect of o-Klotho on Myoblast Differentiation and Skeletal Muscle Regeneration.”


Latin, Richard X: botany & plant pathology, from Bayer CropScience, $20,600, “Turfgrass Disease Research.”

Latin, Richard X: botany & plant pathology, from BASF Corporation, $8,000, “Turfgrass Disease Research.”

Lechtenberg, Victor L: president, from Indiana University, $10,000, “Support of Southeastern Small Business Development Center (SBDC).”


Leung, Yuk Fai: biological sciences, from Schlumberger Foundation, $49,595, “Fellowship for Prahatha Venkatraman.”

Li, Peijun: mathematics, from University of Minnesota, $17,962, “Course Buyout for Peijun Li”

Liceaga to Meyer

Liceaga, Andrea M; food science, from Maple Leaf Farms Inc., $2,500, “Multi-Sponsored Gift - Sensory.”

Linnes, Jacqueline C; biomedical engineering, from Indiana University, $45,000, “Collection and Correlation of the Ratio and Time-Lag of Glucose Concentration Changes in Blood and Exhaled Breath Condensates.”

Lister, Matthew L; physics, from National Aeronautics and Space Administration, $179,902, “The Parsec and Kiloparsec Jet Properties of Mojave Agn.”

Liu, Xiaoqi and Ratliff, Timothy L; Cancer Research Center, from PHS-NIH National Cancer Institute, $354,563, “Improving Chemotherapy of Castration-Resistant Prostate Cancer.”

Liu, Xiaoqi; biochemistry, from Showalter Trust, $5,000, “FY 16-17 Showalter Scholars.”

Love, David J; electrical & computer engineering, from University of Notre Dame, $75,000, “CIF:Medium: Modeling, Analysis, and Code Design for Portable Wireless Device Transmitters Subject to an Electromagnetic Exposure Constraint; Amendment 2; Grant 107161.”

Lu, Jin; foreign languages & literature – Calumet campus, from Chiang-Ching-Kuo Foundation International Scholarly Exc, $30,000, “Christianity and Chinese Spiritual Traditions: Chinese Catholic Intellectuals Before Vatican II (1912-1965).”

Lucht, Robert P; Gore, Jay P; Meyer, Scott E and Sojka, Paul E; mechanical engineering, from Federal Aviation Administration, $250,000, “Federal Aviation Administration (FAA) Coe Ascent: National Jet Fuels Combustion Program: Area 5 Atomization Tests and Models.”


Lumkes, John H; agricultural & biological engineering, from University of Minnesota, $80,000, “ERC for Compact, Clean, and Efficient Fluid Power Systems.”

Lynall, Matthew D; Deason, Gregory W; Duval-Couetil, Nathalie A; Panitch, Alyssa and Seipel, Justin E; management, HR Default CCTR, industrial technology, biomedical engineering, mechanical engineering, from National Science Foundation, $99,980, “I-Corps Sites: Purdue’s Innovation Pipeline.”

Lynall, Matthew D; Deason, Gregory W; Duval-Couetil, Nathalie A; Panitch, Alyssa and Seipel, Justin E; management, HR Default CCTR, industrial technology, biomedical engineering, mechanical engineering, from National Science Foundation, $99,078, “I-Corps Sites: Purdue’s Innovation Pipeline.”

Maji, Hemanta K; computer science, from National Science Foundation, $499,999, “TWC: Small: General and Modular Secure Computation in the Offline-Online Paradigm.”

Manfra, Michael J; physics, from Microsoft Corporation, $365,000, “Microsoft Voluntary Support.”

Manfra, Michael J; physics, from Alcatel-Lucent, $60,000, “Gallium Arsenide (GaAs) Heterostructures: Design and Optimization.”

Marais, Karen; aeronautical & astronautical engineering, from Air Force Office of Scientific Research, $335,775, “In Situ Spectroscopy and Damage Assessment in Dynamically Deforming Materials.”

Marsh, Dawn G; history, from Purdue University, $122,190, “Four Directions: Building a Foundation for Native Scholars.”


Mattoo, Seema; biological sciences, from National Institutes of Health, $151,461, “Role of Fic Proteins in Cellular Signaling.”

Mauer, Lisa J; Allebach, Jan P; Applegate, Bruce M; Bae, Euiwon; Bhunia, Arun K; Chiu, George T; Deering, Amanda J; Irudayaraj, Joseph M; Mousoulis, Charilaos; Oliver, Haley F; Peroulis, Dimitrios; Rajwa, Bartlomiej P; Robinson, Joseph P and Stanciu, Lia A; food science, electrical & computer engineering, mechanical engineering, agricultural & biological engineering, basic medical science, materials engineering, from Agricultural Research Service, $73,735, “Advanced Development of Innovative Technologies and Systematic Approaches to Foodborne Hazard Detection and Characterization for Improving Food Safety.”

McCann, Maureen C; Dietz, James E and Sharma, Pankaj; biological sciences, computer & information technology, industrial technology, from Office of Naval Research, $1,000,000, “Neptune Center for Power and Energy Research.” (a Discovery Park award – The Energy Center)

McDaniel, Rebecca S and Olek, Jan; civil engineering, from Indiana Department of Transportation, $160,258, “Investigation of Delta TC for Implementation in Indiana.”

McDaniel, Rebecca S; civil engineering, from Indiana Department of Transportation, $80,404, “Development of a Friction Performance Test for Compacted Asphalt Mixtures.”

McNamara, Kevin T; International Programs in Agriculture, from Family Health International, $1, “Afghanistan University Support & Workforce Development Program.”

McNamara, Kevin T; International Programs in Agriculture, from University of California - Davis, $1, “Afghanistan Agricultural Extension Project II.”

Melosh, Henry J and Freed, Andrew M; physics, earth & atmospheric sciences, from National Aeronautics and Space Administration, $158,737, “An Incremental Ice-Wedging Model for Europas Ridges.”

Merwade, Venkatesh M and Song, Xiaohui C; civil engineering, from University of North Carolina at Chapel Hill, $46,980, “An Interactive Software Infrastructure for Sustaining Collaborative Community Innovation in the Hydrologic Sciences (a Subcontract to UNC Chapel Hill),” Amendment 4; (Grant 106127).”

Mesecar, Andrew D; biochemistry, from Loyola University Chicago, $298,030, “Mechanisms of Viral Proteases in Coronavirus Replication and Pathogenesis.”

Meyer, Terrence R; mechanical engineering, from Spectral Energies, LLC, $45,572, “Experimentally Derived Scaling Laws from Spatiotemporally Resolved Measurements in High-Pressure Combustors.”

Michalski to Pushkar

Michalski, Greg M; earth & atmospheric sciences, from National Academy of Sciences, $44,275, “Assessing the Cause of Groundwater Nitrate Pollution in Pakistan and the Development of Environmental Chemistry Research and Curriculum at Abdul Wali Khan University.”

Miller, Jeffrey T; chemical engineering, from Argonne National Laboratory, $30,000, “X-Ray Absorption Studies of NREL Catalysts, Modification 3.”

Mitchell, Cary A; horticulture & landscape architecture, from Kennedy Space Center, $15,000, “Pick-and-Eat Salad-Crop Productivity, Nutritional Value, and Acceptability to Supplement the ISS Food System.”

Mohammadi, Mohsen; agronomy, from Agricultural Research Service, $25,000, “Genetics of Resistance to Septoria Diseases in Wheat.”

Mohammadi, Mohsen; agronomy, from Agricultural Research Service, $5,000, “New Modes of Wheat Resistance Against Hessian Fly.”

Mohammed, Sulma I and Mittal, Suresh K; comparative pathology, from National Institutes of Health, $42,793, “Breast Cancer Metastasis to Lymph Node.”

Moreland, John R and Block, Michelle E; Center for Innovation through Visualization & Simulation, nursing – Calumet campus, from Association for Iron and Steel, $10,000, “Interactive Training for Heavy Mobile Equipment Safety: Targeting Safety Attitudes and Beliefs.”

Mosier, Nathan S; agricultural & biological engineering, from Indiana Soybean Alliance, $156,971, “Student Soybean Innovation Contest.”

Nagy, Zoltan; chemical engineering, from Alconbury Weston Ltd, $17,000, “Continous Crystalization.”

Nauman, Eric A; Talavage, Thomas M and Redick, Thomas S; mechanical engineering, electrical & computer engineering, psychological science, from Allied Milk Producers, $100,000, “Nutritional Intervention for Repeated Subconcussive Exposure.”

Niser, John C; consumer & family sciences – Fort Wayne campus, from University of Stavanger, $2,260, “HSD Consortium.”


Ouyang, Zheng; biomedical engineering, from Houston Methodist Research Institute, $106,757, “Quantification of Circulating Antigens for Pediatric TB Diagnosis and Treatment Monitoring.”

Padfield, Jon R; Purdue Polytechnic Columbus, from Indiana Department of Transportation, $51,581, “Implementation of Lean Business Processes for Indiana Department of Transportation (INDOT) Maintenance (Training and Tracking Process Improvements).”


Panitch, Alyssa; Rickus, Jenna L; Cheng, Ji-Xin; Harbin, Sherry L and Park, Kinam; biomedical engineering, agricultural & biological engineering, from PHS-NIH National Institute of Allergy and Infectious Diseases, $178,918, “Bioengineering Interdisciplinary Training for Diabetes Research.”

Patton, Aaron E; recreation & wellness, from PBI Gordon Corp., $16,400, “Multi-Sponsored.”

Patton, Aaron E; recreation & wellness, from Bayer Cropscience, $9,700, “Multi-Sponsored.”

Patton, Aaron E; recreation & wellness, from U.S. Golf Association, $3,000, “Multi-Sponsored.”

Patton, Aaron J; horticulture & landscape architecture, from Midwest Regional Turf Foundation, $15,500, “Turfgrass Research.”

Payer, Mathias J; computer science, from National Science Foundation, $46,820, “TWCTTP Option:Medium:Collaborative:ENCORE - Enhanced Program Protection through Compiler-Rewriter Cooperation.”

Payer, Mathias J; computer science, from Intel Corporation, $75,000, “Enforcing Memory Safe.”

Perusich, Karl A; Purdue Polytechnic South Bend, from Florence V Carroll Charitable Trust, $2,000, “Support of EV Go-Kart Science, Technology, Engineering & Mathematics (STEM) Camp.”

Phillips, Margaret L; Fosmire, Michael J and McPherson, Paul B; library administration, engineering technology, from National Institute of Standards & Technology, $64,682, “Standards Are Everywhere: an Information Literacy Approach to Standards Education.”

Pinal, Rodolfo; industrial & physical pharmacy, from AbbVie Inc, $35,000, “Center for Pharmaceutical Processing Research Consortium.”

Pothen, Alex; computer science, from National Science Foundation, $399,401, “AIIF:Collaborative Research: Bridging the Gap Between Theory and Practice for Matching and Edge Cover Problems.”

Pourpoint, Timothee L; aeronautical & astronautical engineering, from SEDS UC San Diego, $2,000, “Multi-Sponsored Propulsion Systems Research.”

Pourpoint, Timothee L; aeronautical & astronautical engineering, from Jet Propulsion Laboratory, $99,999, “Testing of Wax-Based Fuel with Hypergolic Additives for Hybrid Rocket Applications.”


Prabhakar, Sunil K; computer science, from Air Force Research Laboratory, $124,996, “Verified Compilation of Concurrent Managed Languages.”

Purpura, David J; child development & family studies, from University of Denver, $19,094, “Evaluating the Efficacy of Learning Trajectories in Early Mathematics, Amendment 1; Grant 108117.”

Pushkar, Yulia N; physics, from CRDF Global, $50,000, “In Situ Spectroscopy of Non-Precious Metal Catalysts for Fuel Cells with Improved Activity and Stability.”
Quagrainie to Sepulveda

Quagrainie, Kwamenak: agricultural economics, from Oregon State University, $750,000, “Aquaculture Development and the Impact on Food Supply, Nutrition and Health in Ghana and Tanzania – Phase II.”

Rainey, Katherine M: agronomy, from Agricultural Research Service, $12,901, “Characterization of the High Stearic Acid Soybean Oil Trait.”


Ramani, Karthik: mechanical engineering, from The National GEM Consortium, $20,000, "2016 GEM Terrell Glenn.”

Ramani, Karthik; Iyer, Ananth V and Rao, Sanjay G: mechanical engineering, department of management, electrical & computer engineering, from National Science Foundation, $1,000,000, “PFI:BIC MAKERPAD: Making Everyone a Maker through Intuitive Shape-Modeling and 3-D Printing Service Platform.”

Rathert, Angela S: field extension educators, from Jefferson County, $100, “Strengthening Families for Parents & Youth 10-14.”

Ratliff, Timothy L; Knapp, Deborah W; Dhawan, Deepika and Ramos-Vara, Jose A: Cancer Research Center, veterinary clinical science, comparative pathobiology, from National Institutes of Health, $500,000, “Advancing Immunology in Dogs with Naturally-Occurring Invasive Bladder Cancer, a Relevant Model to Improve Immunotherapy Across Molecular Cancer Subtypes in Humans.”

Rayburn, Rachel L: Public Environmental Affairs – Fort Wayne campus, from Indiana Campus Compact, $1,000, “Indiana University - Purdue University Fort Wayne Campus Election Engagement Project.”

Reed, Willie M: veterinary medicine – administration, from Indiana Dog Tax, $12,077, “Indiana State Dog Tax.”

Ren, Tong; Zeller, Matthias and Doucette, Suzanne C: chemistry, from National Science Foundation, $218,473, “Magnetic Resonance Imaging (MRI): Acquisition of a Mo Microsource Diffractometer at Purdue University.”

Rhoads, Jeffrey F; Davies, Patricia; Gonzalez, Marni; Koslowski, Marisol and Son, Steven F: mechanical engineering, from Air Force Research Laboratory, $80,000, “Near-Resonant Thermomechanics of Energetic and Mock Energetic Composite Materials, Part II.”

Rhodes, David: horticulture & landscape architecture, from ENP Investments, $1,500, “ENP Investments.”

Ribeiro, Fabio H: chemical engineering, from Cummins, Inc., $140,000, “Ammonia Selective Catalytic Reduction (SCR) on Cu Catalysts.”

Richmond, Douglas S: entomology, from Syngenta Crop Protection Inc., $8,500, “Turfgrass Entomology Research.”

Rickus, Jenna L: agricultural & biological engineering, from George Washington Carver Fellowship, $33,312, “Colbert, Ashlee.”

Rickus, Jenna L and Linnes, Jacqueline C: agricultural & biological engineering, biomedical engineering, from PHS-NIH National Institute on Drug Abuse, $100,000, “Two Novel Biomedical Micro and Nanosystems (bioMEMS) Relevant to Clinical and Animal Drug Abuse Research.”


Sadeghi, Farshid: mechanical engineering, from Honeywell International Foundation Incor, $160,000, “Tribology Lab Research.”


Sangid, Michael D and Da Silva Mello Junior, Alberto W: aeronautical & astronautical engineering, from The University of Birmingham, $38,000, “Role of Precipitates in Heterogeneous Slip of Ni-Based Superalloys.”

Saunders, Michael R: forestry & natural resources, from Department of the Navy, $101,398, “Application of Ecological Forestry Principles to Regenerate Oak-Dominated Hardwood Ecosystems; Modification 4; (Grant 107186).”

Savage, Michael L: WBAA, from Robert & Toni Bader Charitable Foundation, $5,745, “Bader Grant 2016.”

Scachetti, Susan M: engineering technology – Calumet campus, from Department of Veterans Affairs, $124,151, “MyVA Access Lean Management Systems Executive Level Sensei Facilitation.”

Schoenlein, William E and Durkes, Abigail C: biomedical engineering, comparative pathobiology, from Cook Research Incorporated, $68,243, “Pre-Clinical Device Testing Agreement; Studies: CI-AMDV, REG-MMT1, CI-HNA, CI-SPH4, POC, and Sentinels.”


Seigfried-Spellar, Kathryn C; Hansen, Raymond A; Rogers, Marcus K; Springer, John A and Yang, Baijian: computer & information technology, from National Institute of Justice, $487,440, “File Toolkit for Selective Analysis & Reconstruction (File TSAR) for Large Scale Computer Networks.”


Sepulveda, Maria S; Hoverman, Jason T and Lee, Linda S: forestry & natural resources, agronomy, from Department of the Army, $443,592, “Development of Amphibian Poly- and Perfluoroalkyl Substances Toxicity Reference Values for Use in Ecological Risk Assessment at Aqueous Film Forming Foam Sites.”
Shakouri to Szpankowski


**Shepson, Paul B**: chemistry, from Environmental Defense Fund, $96,906, “Power-Plant Methane Emissions Study.”

**Shih, Tom I**: aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $9,000, “National Aeronautics and Space Administration (NASA) Aeronautics Undergraduate Scholarship.”

**Shin, Yung C**: mechanical engineering, from General Electric Company, $200,000, “Priam 16.01: Closed Loop Machining Environment.”

**Simpson, Garth J**: chemistry, from National Science Foundation, $8,000, “Grant Opportunities for Academic Liaison with Industry (GOALI): Informing Amorphous Formulations Design through Quantitative Nonlinear Optical Analysis.”

**Singh, Manpreet**: food science, from Kathy Kaspar, $100, “Multi-Sponsored Gift.”

**Sivasankar, Preeti M**: Durkes, Abigail C; Calve, Sarah and Liu, Zhongming: speech, language and hearing sciences, comparative pathobiology, biomedical engineering, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $314,985, “Pathobiology and Biomechanics of Vocal Fold Dehydration.”


**Slipchenko, Lyudmila V**: chemistry, from National Science Foundation, $199,988, “Automated Software for Advanced Molecular Modeling of Biomolecules and Materials.”

**Smith, Daniel W**: philosophy, from National Endowment for the Humanities, $175,000, “Translation of the Seminars of Gilles Deleuze.”

**Smith, Mjt**: graduate school administration, from Purdue University Special Initiative Program, $34,486, “Ahanger, Mohsen.”

**Smith, Richard S** and **Kurdak, Erik S**: food science, from E & J Gallo Winery, $9,500, “Microwave Grapes.”

**Solomon, Kevin V**: agricultural & biological engineering, from Pioneer Oil Company, $101,111, “Characterizing and Controlling the Microbial Activities in the Illinois Oil Basin for Improved Productivity.”

**Son, Steven F**: mechanical engineering, from Northeastern University, $75,000, “Small-Scale Characterization of Homemade Explosives (HMEs).”

**Son, Steven F**: mechanical engineering, from University of Michigan, $170,000, “Theory and Experiment of Cocrystals: Principles, Synthesis and Properties; Amendment 4; Grant 106820.”

**Song, Xiaohui C**: Rosen Center for Advanced Computing, from University of Illinois at Champaign-Urbana, $74,624, “XSEDE: Extreme Science and Engineering Discovery Environment.”

**Steinbach, Sarah M** and **Adams, Larry G**: veterinary clinical science, from America College of Veterinary Internal Medicine, $25,000, “Fellowship in Advanced Clinical Training in Small Animal Nephrology and Urology.”

**Strachan, Alejandro H**: materials engineering, from University of Illinois at Champaign-Urbana, $232,592, “Shock Wave Energy Dissipation (SWED) by Mechanochemically-Active Nanoporous Materials; Amendment 9 (Grant 106049).”

**Straw, Mark L**: animal sciences, from Agricultural Marketing Service, $6,000, “Country of Origin Labeling for Retail Surveillance Activities.”

**Sullivan, John P**: aeronautical & astronautical engineering, from Brigham Young University, $4,500, “Development of UAV for First Responder–AeroSPACE Multi University, Multi User Capstone Project.”

**Szpankowski, Wojciech**: computer science, from National Science Foundation, $150,000, “Supplement for STC Graduate Student / Post Doc Career Development Workshops: Coaching and Skills-Building II” (a Discovery Park award – Discovery Park administration)

**Szpankowski, Wojciech**: computer science, from National Science Foundation, $16,000, “Research Experience for Undergraduates (REU) Supplement: Emerging Frontiers of Science of Information.” (a Discovery Park award – Discovery Park administration)

**Szpankowski, Wojciech**: computer science, from National Science Foundation, $16,000, “Research Experience for Undergraduates (REU) Supplement: Emerging Frontiers of Science of Information.” (a Discovery Park award – Discovery Park administration)

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**Szpankowski, Wojciech**: computer science, from National Science Foundation, $16,000, “Research Experience for Undergraduates (REU) Supplement: Emerging Frontiers of Science of Information.” (a Discovery Park award – Discovery Park administration)

**Szpankowski, Wojciech**: computer science, from National Science Foundation, $93,500, “Emerging Frontiers of Science of Information Supplement III.” (a Discovery Park award – Discovery Park administration)

**Szpankowski, Wojciech**: computer science, from National Science Foundation, $16,000, “Research Experience for Undergraduates (REU) Supplement: Emerging Frontiers of Science of Information.” (a Discovery Park award – Discovery Park administration)
Tantama to Wise

Tantama, Mathew C; chemistry, from PHS-NIH National Eye Institute, $226,784, "Optical Tools to Study Neuropeptide Signaling."

Tarko, Andrew P and Romero, Mario A; civil engineering, from Indiana Department of Transportation, $148,785, "Predicting Impact to Traffic Safety and Mobility of Change in Speed Limits for Indiana Freeways."


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

Thomas, Joseph; Rajpura, Jigar R and Zhang, Suyuan; pharmacy practice, from Pfizer Inc, $50,067, "Sickle Cell Disease Cost of Treatment; Change Order 2.”

Thottethodi, Mithuna S and Vijaykumar, T N; electrical & computer engineering, from National Science Foundation, $570,000, “BIGDATA: Collaborative Research: F: Rdma-Based Datacenter Networks for Online Big Data Applications.”

Toms, Andrew S; mathematics, from National Science Foundation, $180,000, "Operator Algebras Before and after Jiang-Su Stability.”

Towns, Marcy H; chemistry, from National Science Foundation, $8,548, "Investigating Student Understanding of Chemical Kinetics.”

Turco, Ronald F and Prokopy, Linda S; agronomy, forestry & natural resources, from Wabash River Enhancement Corp, $8,000, “Support Three Gauging Stations in Tippecanoe County.”

Tyner, Wallace E and Taheripour, Farzad; agricultural economics, from Federal Aviation Administration, $373,750, “Techno-Economic and Life-Cycle Analysis of Alternative Aviation Biofuels Supply Chains.”

Vacca, Andrea; agricultural & biological engineering, from University of Minnesota, $80,000, “ERC for Compact, Clean, and Efficient Fluid Power Systems.”

Vacca, Andrea; agricultural & biological engineering, from Stackpole International, $122,244, “Design Optimization of a Dual Stage External Gear Pump.”

Varma, Amit H and Seo, Jungil; civil engineering, from Dankook University Jukieon Campus, $144,179, “Collaborative Experimental Investigation of SC Walls Subjected to Missile Impact.”

Villarreal, Rosa M; Student Success at Purdue, from U.S. Department of Education, $379,367, “Horizons Student Support Services.”

Volencé, Jeffrey J; agronomy, from International Plant Nutrition Institute, $20,000, “Global Maize.”

Voyles, Richard M; engineering technology, from National Science Foundation, $234,100, ” 1/UCRC Phase I: Robots and Sensors for the Human Well-Being.”


Vyn, Tony J; agronomy, from Monsanto Company, $50,000, ”Science, Technology, Engineering & Mathematics (STEM) Scholarship for Heather Pasley.”

Vyn, Tony J; agronomy, from Environmental Tillage Systems, $5,000, ”Agricultural Cropping Systems.”

Wachs, Juan P and Bouman, Charles A; industrial engineering, electrical & computer engineering, from Naval Postgraduate School, $100,000, ”A Proposal for Collaborative Research in Multi-Target Sense and Avoid for Small, Lightweight Unmanned Aerial Vehicles (UAVS).”

Wan, Hong; industrial engineering, from Naval Postgraduate School, $27,500, ”Lasso-Based Supersaturated Design and Analysis for Simulation Experiments.”

Wang, Haiyan; materials engineering, from National Science Foundation, $251,107, ”From Atomic Scale Strain Probing to Smart 3-D Interface Design.”

Wang, Nien-Hwa L; chemical engineering, from American River Nutrition Inc, $12,000, ”Wang Research Armn Voluntary Support.”

Ward, Mark D; Cheng, Guang; Christ, Sharon L; Chun, Hyonho; Craig, Bruce A; Li, Bo; Viens, Frederi G; Wang, Xiao; Xie, Jue; Zhang, Hao and Zhang, Lingsong; statistics, child development & family studies, mathematics, forestry & natural resources, from National Science Foundation, $312,288, “ MCTP: Sophomore Transitions: Bridges into a Statistics Major and Big Data Research Experience.”

Wassgren, Carl R; mechanical engineering, from Whirlpool Corp, $386, ”Material Characterization for Whirlpool.”

Weatherman, Kara D; pharmacy practice, from Cardinal Health, $10,000, ”Nuclear Pharmacy Educational Efforts and Radiopharmaceutical Safety.”

Weaver, Connie M; foods & nutrition, from The Coca Cola Company, $6,000, ”Corporate Affiliates Fund.”

Weaver, Connie M; Cooper, Bruce R; Ferruzzi, Mario; McCabe, George P and Janle, Elsa M; foods & nutrition, biological sciences, food science, statistics, from PHS-NIH National Center for Complimentary and Alternative Medicine, $807,623, ”Berries and Bones.”

Weaver, Connie M; foods & nutrition, from Ingredion Inc, $6,000, ”Corporate Affiliates Fund.”

Weinstein, Dana and Peroulis, Dimitrios; electrical & computer engineering, from Intel Corporation, $300,000, ”Intel Labs: GaN on LiNBO3 Programmable Radio Frequency (RF) Filters.”

Wilson, Christina R and Hammad, Gena K; comparative pathology, from PHS-FDA Food and Drug Administration, $99,000, ”Validation and Harmonization of Testing Methods for Bacterial and Chemical Adulterants in Biological Specimens and Pet Food.”

Wirth, Mary J; chemistry, from Northwestern University, $62,500, ”National Resource for Translational and Developmental Proteomics, Amendment 1; (Grant 108059).”

Wise, Kiersten A; botany & plant pathology, from Iowa State University, $25,000, ”Evaluation and Precision Zone Management in Soybean Fields to Improve Profits and Reduce Product Inputs.”
Wlodarczyk to Zillich

Wlodarczyk, Jaroslaw: mathematics, from Binational Science Foundation, $10,935, “Strong Semistable Reduction, Grant 208683.”

Wu, Wenzhuo: industrial engineering, from Oak Ridge Associated Universities, $5,000, “Piezotronics in Monolayer Heterostructures Grown by Chemical Vapor Deposition for Ultra-Thin Smart Electronics.”

Xu, Dongyan and Zhang, Xiangyu: computer science, from National Science Foundation, $46,820, “TWC: Medium: Collaborative: Towards a Binary-Centric Framework for Cyber Forensics in Enterprise Environments.”

Yang, Danzhou: medicinal chemistry & molecular pharmacology, from PHS-NIH National Cancer Institute, $136,820, “Modulating c-MYC Transcription by G-Quadruplex-Interactive Small Molecules.”

Yang, Won Sik: nuclear engineering, from Argonne National Laboratory, $99,437, “Support to the Software Verification and Software Validation of Rebuspc V1.5.”

Ye, Peide: electrical & computer engineering, from National Science Foundation, $500,000, “EFRI 2-DARE: Phosphorene, an Unexplored 2D High-Mobility Semiconductor.” (a Discovery Park award – Birck Nanotechnology Center)

Yeo, Yoon: industrial & physical pharmacy, from Egyptian Cultural and Educational Bureau, $5,000, “Hassan Tamam Voluntary Support – Yeo.”

Yih, Yuehwern: industrial engineering, from Catholic Relief Services, $76,006, “Humanitarian Response and Supply Chain Management.”


Yu, Lingling: IT Application Services, from Schlumberger Foundation, $36,022, “Fellowship for Shagufta Mehnaz.”

Zentner, Michael G: Rosen Center for Advanced Computing, from PHS-NIH National Cancer Institute, $94,649, “Establishing a Prototype Hub for the National Cancer Informatics Program.”

Zentner, Michael G: Rosen Center for Advanced Computing, from Leidos, $4,553, “Establishing a Biomedical Citizen Science Hub for the National Cancer Institute.”

Zhang, Haiyan H: engineering technology, from American Axle & Manufacturing, Inc, $50,000, “Center for Technology Development Consortium (CTD).”

Zhao, Fu: mechanical engineering, from Russell O. Blosser Memorial Fellowship, $1,500, “Movassagh, Ehsan Vahidi.”

Zhou, Chenn Q: Center for Innovation through Visual & Simulation, from ArcelorMittal USA, $33,773, “AM IH4 Blast Furnace Blowpipe.”

Zhou, Chenn Q: Center for Innovation through Visual & Simulation, from U.S. Steel Corporation, $52,934, “Dustcatcher Performance Study for a Blast Furnace.”

Zhuang, Qianlai: earth & atmospheric sciences, from Chapman University, $153,606, “Understanding Mechanistic Controls of Heterotrophic CO2 and CH4 Fluxes in a Peatland with Deep Soil Warming and Atmospheric CO2 Enrichment; Amendment 1; Grant 108045.”

Zhuang, Qianlai: agronomy, from Jet Propulsion Laboratory, $47,862, “High-Resolution Mapping of Dynamic Inundation in Boreal Wetlands for Carbon and Hydrological Studies on Seasonal to Interannual Scales.”

Zillich, Alan J: pharmacy practice, from Ross Graduate Fellowship/Assistantship, $28,963, “Beal, Jenny.”

Zillich, Alan J: pharmacy practice, from R.L. Roudebush Veterans Administration Medical Center, $73,743, “R.L. Roudebush Veterans Administration Medical Center for Deanna Kania.”
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.