Abel, Steven R; Office of Engagement, from Eli Lilly and Company Foundation, $25,000, “ISI Professional Development 2015-2016.”

Abrahamson, Kathleen A; nursing, from Indiana University, $15,000, “Clinical and Translational Sciences Institute (CTSI) Pause Care Evaluation.”

Adeola, Olayiwola; animal sciences, from BASF Corporation, $139,730, “Growth Performance and Nutrient Digestibility of Broiler Chickens Fed Proteases.”


Allebach, Jan P; electrical & computer engineering, from Hewlett Packard, $5,000, “Image Analysis & Understanding.”

Allen, Emily L; Brite, Elizabeth B and Wood, Sashaun K; Honors College, from Indiana Campus Compact, $14,000, “Help – Honors Engaged Learning in Practice.”

Ambrose, Rose Prabin K and Ileleji, Klein; agricultural & biological engineering, from Iowa State University, $93,000, “Training on Prevention of Grain Dust Explosions.”


Arriaga, Ximena B; psychological science, from National Science Foundation, $335,120, “SBE/RCUK: Relationship Strategies and the Stability of Interpersonal Security Over Time.”

Bahr, David F; materials engineering, from Purdue Doctoral Program, $31,228, “Walters, Anna.”

Bahr, David F; materials engineering, from Purdue University F N Andrews Fellowship, $21,544, “Shrestha, Shikha.”

Bahr, David F; Johnson, David R and Trumble, Kevin P; materials engineering, from Association for Iron and Steel, $8,000, “Lab Development for Incorporating Modern Iron and Steel Alloys in the Materials Engineering Curriculum at Purdue University.”

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

Bayley, William G; chemistry, from Ivy Technology State College, $150, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Heron High School, $600, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Franklin Central High School, $1,000, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Metropolitan School Dist. of Warren Townshp, $300, “Instrumentation Van Project.”

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

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

Bayley, William G; chemistry, from West Lafayette School Corporation, $600, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Kokomo-Center Township Consolidated School Corporation, $1,300, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Cathedral Trustees, Inc., $600, “Instrumentation Van Project.”

Beaudoin, Stephen P and Boudouris, Bryan W; chemical engineering, from Northeastern University, $80,000, “Mechanics of Compounded Explosives for Enhanced Checkpoint Detection.”

Beaulieu, Lionel J; Office of Engagement, from Australia New Zealand Reg Science, $1,500, “Multi-Sponsored Account (Purdue Center for Regional Development (PCRD)).”


Beckerman, Janna L; botany & plant pathology, from BASF Corporation, $8,000, “Soybean Extension Research.”

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

Bertino, Elisa and Baker, Peter N; computer science, from National Science Foundation, $279,058, “CICI: Data Provenance: Collaborative Research: CY-Director Cyber-Provenance Infrastructure for Sensor-Based Data-Intensive Research.” (a Discovery Park award – Cyber Center)
Bertino, Elisa; computer science, from Northrop Grumman Space Technology, $62,050, “Monitoring Dbnms Activity for Detecting Data Exfiltration by Insiders—Change Notice No. 03.”

Bertino, Elisa; computer science, from National Science Foundation, $139,831, “CICI: Secure Data Architecture: Collaborative Research: AMDN Framework for Secure Scientific Collaboration.” (a Discovery Park award – Cyber Center)

Bhave, Sunil A; electrical & computer engineering, from University of Chicago, $225,270, “Mechanical Control of Spin-States in Silicon Carbide, Amendment 1.” (a Discovery Park award – Birck Nanotechnology Center)

Birch, Deborah I; student services – North Central campus, from U.S. Department of Education, $304,624, “Success through Education.”

Blatchley, Ernest R; civil engineering, from Lynn Interdisciplinary Graduate Fellowship, $28,505, “Kim, Jihyun (OIGP).”

Bolin, Jeffrey T; Executive Executive Vice President for Research and Partnerships and Partnerships, from Purdue University, $168,324, “Reed (Building a Research Environment for Encumbered Data).” (a Discovery Park award – Discovery Park Administration)

Boudouris, Bryan W; chemical engineering, from Honeywell Inc., $10,000, “Purdue-Honeywell Collaboration.”


Bouman, Charles A; electrical & computer engineering, from Northeastern University, $75,000, “Computed Tomography (CT) Image Reconstruction and Processing for Air Transportation Security.”

Boutin, Mireille and Magana Deleon, Alejandra J; electrical & computer engineering, computer & information technology, from National Science Foundation, $150,000, “Research Initiation: Investigating Engineering Students Habits of Mind: a Case Study Approach.”

Braun, James E; mechanical engineering, from American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Inc., $10,000, “American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Grant-IN-Aid Nelson James.”

Braun, James E; mechanical engineering, from Pennsylvania State University, $358,611, “Consortium for Building Energy Innovation, Amendment 14.”

Brightman, Andrew O; biomedical engineering, from Indiana University Purdue University at Indianapolis, $22,772, “2015-16 Joint PhD Program with Indiana University Purdue University at Indianapolis (IUPUI) for Graduate Support - Brent Hukill.”

Brousseau-Lapre, Francoise; speech, language and hearing sciences, from American Speech-Language-Hearing Association (ASHA), $5,000, “Advancing Academic-Research Careers (AARC) Award.”

Brouder, Sylvie M; Barton, Amy J; Bracke, Marianne S and Volene, Jeffrey J; agronomy, library administration, from International Plant Nutrition Institute, $169,663, “4RN45: Proposal for a 4R Fund Research Repository (4R Fund RR).”

Bugusu, Betty A; Hamaker, Bruce R; Lowenberg-DeBoer, James M; Nielsen, S S; Alexander, Corinne E; Ferruzzi, Mario; Ileleji, Klein; Ricker-Gilbert, Jacob E and Woloshuk, Charles P; food science, International Programs in Agriculture, $458,404, “Feed the Future Innovation Lab for Food Processing and Post-Harvest Handling.”

Buhman, Kimberly K; foods & nutrition, from Tufts University, $15,000, “Role of ACSL5 in Intestinal and Liver Triacylglycerol Metabolism.”

Bullock, Darcy M; civil engineering, from David M. Knox Endowment, $20,266, “Richardson, Lucy M.”

Bullock, Darcy M; civil engineering, from Institute of Transportation Engineers, $2,000, “Joint Transportation Research Program (JTRP) Supplementary Research Account.”

Bullock, Darcy M; civil engineering, from Old Dominion University Research Foundation, $10,000, “Monitoring & Training Tools to Improve Safety of Construction and Support Vehicle Operations-Fellowship for Drake Krohn.”

Cain, Steven A and Hostetler, Abby R; agricultural communication, from National Institute of Food & Agriculture, $370,800, “Extension Disaster Education Network (EDEN) Security Initiative VIII: Strengthening EDENs Role in Homeland Security, Food and Ag Defense, and All Hazard Education.”

Caldwell, Barrett S; industrial engineering, from Purdue Doctoral Program, $31,202, “Cheng, Laura.”

Calve, Sarah; biomedical engineering, from Symic OA Co, $8,353, “Testing of Aggrecan Mimic for the Treatment of Osteoarthritis.”

Campbell, Wayne W; foods & nutrition, from National Cattlemens Beef Association, $333,775, “Effects of Incorporating Red Meat into a Mediterranean-Style Dietary Pattern on Cardiometabolic and Emotional Well-Being.”

Campbell, Wayne W; foods & nutrition, from American Egg Board, $750, “Egg Board Gift.”

Cardella, Monica E; Brophy, Sean; Hynes, Morgan M; Moore, Tamara J and Purzer, Senay; engineering education, from National Science Foundation, $2,044,930, “DD: Interconnected Ecosystem for Integrated Stems Learning for K-2 Learners.”

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

Casteel, Shaun N; agronomy, from Bayer Cropscience, $6,300, “Soybean Extension Research.”

Chandramouli, Chandramouli V; mechanical engineering - calumet campus, for innov thru visual & simulation, center for innovation thru visual & sim, from Indiana Department of Natural Resources, $24,998, “Virtual 3-D Model of a Septic System and its Maintenance for Education and Outreach to Homeowners.”

Chandramouli, Chandramouli V; mechanical engineering - calumet campus, from Northwestern IN Regional Planning Commission, $2,800, “Developing Nutrient and Sediment TMDL for Deep River System.”

Chandrasekar, Srinivasan and Trumble, Kevin P; industrial engineering, materials engineering, from Army Research Office, $53,000, “Fluid-Like Flow, Surface Instabilities and Folding in Metal Plasticity and Wear.”
Chen, Qingyan: mechanical engineering, from Tianjin University, $100,000, “Impact of Air Pollution at Chinese Airports on Aircraft Ecs Performance and Cabin Environment (Phase II).”

Chen, Qingyan: mechanical engineering, from Northeastern University, $60,000, “Enhancement of Explosive Vapor Detection in Shipping Container.”

Cheng, Gary J and Chen, Yong P: industrial engineering, electrical & computer engineering, from National Science Foundation, $300,000, “Large Scale Nanomanufacturing of Inhomogeneous Strained and Novel Functional 2D Electronic Materials.”


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

Clase, Kari L: industrial technology, from Purdue University, $5,000, “1516 Entrepreneurial Leadership Academy Award.” (a Discovery Park award – Burton D. Morgan Center)

Connor, Robert J and Lloyd, Jason B: civil engineering, from Indiana Department of Transportation, $89,760, “Implementation of S-Brite Risk Based Bridge Inspection.”

Connor, Robert J: civil engineering, from University of Missouri, $2,000, “Guidelines to Improve the Quality of Element-Level Bridge Inspection Data.”

Connor, Robert J and Lloyd, Jason B: civil engineering, from Indiana Department of Transportation, $57,824, “Expansion of SPR-3820 S-Brite Probability of Detection Study.”

Cook, Robert C: chemistry, from Annual Reviews, $2,000, “Chemistry Research.”

Cox, Monica F and Main, Joyce B: engineering education, from National Science Foundation, $1,131,464, “Collaborative Research: Why We Persist: An Intersectional Approach to Characterizing and Examining the Experiences of Women of Color Tenure-Track Faculty in Engineering.”


DeBoer, Jennifer J: Berger, Edward J and Rhoads, Jeffrey F: engineering education, mechanical engineering, from National Science Foundation, $1,400,000, “IUSE: Understanding and Supporting Mechanical Engineering Undergraduate Student and Faculty Engagement with an Active, Blended and Collaborative Learning Environment.”

Deering, Amanda J: food science, from Mark or Carolyn Straw, $500, “Multi Sponsored Gift Account.”

Delp, Edward J: electrical & computer engineering, from Indiana University, $67,264, “Center for Advanced Renal Microscopic Analysis; Subaward in 4685579pu, Amendment 3.”

Delp, Edward J: electrical & computer engineering, from University of Hawaii, $57,336, “Domestic Acid Neurotoxicity in Native Americans.”

Deng, Meng and Kuan, Shihuan: agricultural & biological engineering, animal sciences, from Showalter Trust, $75,000, “Polymer-Based Therapeutics for Treatment of Obesity and Diabetes.”

Deshmukh, Abhijit V: industrial engineering, from Accenture LLP, $25,000, “Accenture- Deshmukh.”

DeWoody, James A: forestry & natural resources, from U.S. Geological Survey, $12,000, “Genetic Structure of Golden Eagles in Western San Diego County.”


Dilkes, Brian and Johal, Gurmukh S: biochemistry, botany & plant pathology, from North Carolina State University, $418,635, “The Genetic and Genomic Exploration of the Maize HR Response.”

Dong, Suchuan: mathematics, from National Science Foundation, $90,000, “Collaborative Research: a New Parallel 3-D Immersed Boundary Method for Hemodialysis.”


Duestock, Bradley S: industrial engineering, from Purdue University, $5,000, “1516 Entrepreneurial Leadership Academy Award.” (a Discovery Park award – Burton D. Morgan Center)

Dumbacher, Daniel L: aeronautical & astronautical engineering, from Purdue University, $5,000, “1516 Entrepreneurial Leadership Academy Award.” (a Discovery Park award – Burton D. Morgan Center)

Dyke, Shirley J: mechanical engineering, from Winifred B. Bilsland Endowment, $20,189, “Ou, GE.”


Ebert, David S: electrical & computer engineering, from U.S. Department of Homeland Security, $150,000, “Apex Programs: Border Situational Awareness.” (a Discovery Park award – Discovery Park Administration)

Ebert, David S: electrical & computer engineering, from U.S. Department of Homeland Security, $75,000, “Support for UCSB's Mobile Malware.” (a Discovery Park award – Discovery Park Administration)

Ebert, David S: electrical & computer engineering, from U.S. Department of Homeland Security, $1,700,000, “Vaccine Center Year 7.” (a Discovery Park award – Discovery Park Administration)

Ebert, David S: electrical & computer engineering, from U.S. Coast Guard, $24,000, “Coast Guard Data Profiling and Quality Assurance.” (a Discovery Park award – Discovery Park Administration)

Ebner, Paul D and Oliver, Haley F: animal sciences, food science, from Procter & Gamble Company, $343,298, “Efficacy of Phage-Based Treatment in Reducing Listeria Contamination of Non-Food Contact Surfaces.”
Eckhardt, Christopher I; psychological science, from PHS-NIH National Institute on Alcohol Abuse, $43,120, “Randomized Controlled Trial of an Attention-Based Intervention for Alcohol-Facilitated Intimate Partner Violence - Joel Sprunger NIAAA Fellowship.”

Edwards, Nancy E; nursing, from Health Resources & Services Administration, $8,109, “Advanced Education Nursing Traineeship (AENT) Program – Increase to 106259.”

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

Egel, Daniel S; botany & plant pathology, from Bayer Cropscience, $1,000, “Potassium Management.”

Engel, Bernard A and Theller, Lawrence O; agricultural & biological engineering, from Army Corps of Engineers, $74,065, “Current Reduction Status Regional Tracker (CRSTracker).” (a Discovery Park award – Global Sustainability)

Esters, Levon T; youth development & agricultural education, from CHS Foundation, $5,000, “John Deere Map Summer Program.”

Farkas, Brian E; food science, from Heatgenie Inc, $1,600, “Food Science Research.”

Field, William E; agricultural & biological engineering, from National Institute of Food & Agriculture, $521,457, “National Agrability Project.”

Finley, John P; physics, from Rolf or Mary Jane Scharenberg, $129,000, “Voluntary Support.”

Fisher, Timothy and Ruan, Xiulin; mechanical engineering, from Case Western Reserve University, $264,528, “Nanofabrication of Tunable 3-D Nanotube Architectures.” (a Discovery Park award – Birck Nanotechnology Center)

Fisher, Timothy; mechanical engineering, from Molex Incorporated, $59,862, “Graphene Contact Coating Development.” (a Discovery Park award – Birck Nanotechnology Center)

Fisher, Timothy; mechanical engineering, from Lockheed Martin Corp., $100,000, “Integrated Thermal Management of Aerospace Vehicles Consortium Membership.”

Flaherty, Elizabeth A; forestry & natural resources, from U.S. Forest Service, $10,000, “Northern Flying Squirrel Population-Level Responses to Forest Management and Red Spruce Restoration in the Allegheny Mountains.”

Florax, Raymond; Delgado, Michael S; Waldorf, Brigitte S; Beaulieu, Lionel J; Kumar, Indranee and Wilcox, Michael D; agricultural economics, Office of Engagement, agriculture – administration, from Economic Research Service, $85,000, “Resilience to the Intergenerational Transmission of Poverty.”

Flores, Joseph I; Education Opportunities Program — Calumet campus, from Indiana Department of Education, $8,360, “Purdue University Calumet Summer Bound Summer Food Service Program 2015.”

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

Gallant, Kathleen H and Zoss, Donna L; foods & nutrition, from Indiana Department of Education, $41,329, “National School Lunch Program Cycle Menu Project for Indiana Schools.”

Gallon, Kim T; history, from American Council of Learned Societies, $85,000, “Black Press Born Digital Project.”


Garmella, Suresh V; mechanical engineering, from Toyota Motor Manufacturing Inc., $30,000, “Cooling Technologies Research Center (Cooling Technologies Research Center (CTRC)) 2012-2013 Membership – Memo Match for 106029.”


Ginzel, Matthew D; entomology, from National Institute of Food & Agriculture, $278,767, “Enhanced Detection of Pityophthorus Juglandis - the Insect Vector of Thousand Cankers Disease.”

Ginzel, Matthew D; entomology, from U.S. Forest Service, $40,000, “Assessment of Thousand Cankers Disease within the Native Range of Black Walnut (Juglans Nigra)).”

Gleich, David F; computer science, from Microsoft Corporation, $2,500, “Voluntary Support - WAW 2015.”

Gleich, David F; computer science, from Stanford University, $48,000, “Miner: Multi-modal Networks: a General Representational Language Applied to Bio-Medical Hypothesis Generation and Validation.”

Gleich, David F; Grama, Ananth Y and Neville, Jennifer L; computer science, from National Science Foundation, $900,000, “Bigdata: F: Models, Algorithms, and Software for Spatial-Relational Networks.”

Godwin, Allison F; engineering education, from National Science Foundation, $287,532, “Collaborative Proposal: Building Supports for Diversity through Engineering Teams.”
Goffman, Lisa A; speech, language and hearing sciences, from National Institutes of Health, $43,120, "Articulatory, Segmental, and Prosodic Characteristics in Children with Speech Sound Disorders."


Goldberg, David; Banuelos, Rodrigo and Buzzard, Gregory T; mathematics, from U.S. Department of Education, $295,278, "Increasing U.S. Doctorates in Mathematics 2015 Graduate Assistance in Areas of National Need (GAANN)."

Golden, Robert W; radiological & environmental management, from PHS-FDA Food and Drug Administration, $3,000, "Verification Audit."

Greeley, Jeffrey P; chemical engineering, from Argonne National Laboratory, $136,000, "Center for Electrochemical Energy Storage, Modification 1."

Greene, Christopher H; physics, from Birational Science Foundation, $44,957, "Utilization of Few-Body Physics Control to Stabilize the Unitary Bose Gas."

Groll, Eckhard A; mechanical engineering, from Jet Propulsion Laboratory, $30,200, "Technical Review Assistance to the Moxie Experiment on the Mars 2020 Mission."

Groll, Eckhard A; mechanical engineering, from The National GEM Consortium, $40,000, "2015 GEM PhD Fellowship Dome- nique Lumpkin."

Groll, Eckhard A; mechanical engineering, from Whirlpool Corp, $25,000, "Multi Sponsor Groll."

Gruenbaum, Ellen R; anthropology, from Purdue Doctoral Program, $19,462, "Gonzalez, Melinda."

Handwerker, Carol A; Hua, Inez; Iyer, Ananth V and Ramani, Karthik; materials engineering, civil engineering, management, mechanical engineering, from National Science Foundation, $866,331, "Integrative Graduate Education and Research Traineeship (IGERT): Global Traineeship in Sustainable Electronics."

Handwerker, Carol A; Hua, Inez; Iyer, Ananth V and Ramani, Karthik; materials engineering, civil engineering, management, mechanical engineering, from National Science Foundation, $500,000, "Integrative Graduate Education and Research Traineeship (IGERT): Global Traineeship in Sustainable Electronics."

Harbin, Sherry L; biomedical engineering, from Purdue Doctoral Program, $31,122, "Hernandez, Clarissa."

Hartman, Nathan W; computer graphics technology, from National Institute of Standards & Technology, $130,000, "Extending and Evaluating the Model-Based Product Definition."

Hassanein, Ahmed; Harilal, Sivandan and Fentiman, Audeen W; nuclear engineering, engineering education, from National Science Foundation, $800,222, "PIRE: Nuclear Energy Systems and Materials Under Extreme Conditions."

Heber, Albert J; agricultural & biological engineering, from Drylett, $5,000, "Agricultural Engineering."

Heeg, Marlene O; pharmacy – administration, from Shire Pharmaceuticals, $277,038, "Dry Eye & Ocular Surface Disease(R)."

Heeg, Marlene O; pharmacy – administration, from Janssen Therapeutics, $300,000, "2015-2016 GALA HCV Resistance Educational Series."

Helie, Sebastien; psychological science, from University of California - Santa Barbara, $107,409, "The Cognitive Neurosciences of Human Category Learning, Modification 1."

Hertel, Thomas W and Taheripour, Farzad; agricultural economics, from Michigan State University, $261,313, "Complex Dynamics of Telecoupled Human and Natural Systems."

Hertel, Thomas W; agricultural economics, from Agricultural Economics Research Institute, $20,435, "Global Trade Analysis Project (GTAP) Consortium."

Hoffman, Kerry A; curriculum & instruction, from Purdue University, $5,000, "1516 Entrepreneurial Leadership Academy Award."

(a Discovery Park award – Burton D. Morgan Center)

Holland, Jeffrey D and Schemerhorn, Brandon J; entomology, from Agricultural Research Service, $25,916, "Identification and Analysis of Host Resistance and Hessian Fly Response in Wheat."

Hopp, Lisa; nursing – Calumet campus, from University of Illinois at Chicago, $57,273, "Bridges to the Doctorate for Nursing."

Howell, Kathleen; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $50,000, "Targeting, Guidance and Proximity Operations Near Small Bodies and Complex Multi-Body Regimes, Modification 9."

Huang, Chi-Hua; agronomy, from Agricultural Research Service, $35,410, "Acquisition of Goods and Services."

Hubbard, Sarah M and Major, Wesley L; aviation technology, from Federal Highway Administration, $5,000, "Wesley Major – Eisenhower Graduate Fellowship."

Hutzel, William J; engineering technology, from American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Inc., $5,000, "American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)."

Hwang, Inseok; aeronautical & astronautical engineering, from Optimal Synthesis Inc, $26,500, "Onboard Model Checking for Small Scale UAV Autopilots."

Ileleji, Klein; agricultural & biological engineering, from Purdue University, $15,000, "1516 Entrepreneurial Leadership Academy Award. (a Discovery Park award – Burton D. Morgan Center)"

Johnson, William G; botany & plant pathology, from BASF Corporation, $21,000, "Weed Science Research Volunteer Support."

Johnson, William G; botany & plant pathology, from Bayer Cropscience, $24,000, "Weed Science Research Volunteer Support."

Johnson, William G; botany & plant pathology, from ISK Biosciences Corporation, $4,800, "Weed Science Research Volunteer Support."

Johnson, William G; botany & plant pathology, from Monsanto Company, $7,500, "Weed Research."

Johnson, William G; botany & plant pathology, from Dow Agro Sciences, $60,350, "Weed Science Research Volunteer Support."

Johnson, William G; botany & plant pathology, from Nufarm Americas Inc., $10,000, "Weed Science Research Volunteer Support."

Johnson, William G.; botany & plant pathology, from Amvac Chemical Corporation, $8,500, “Weed Science Research Voluntary Support.”

Jones, Timothy M.; physics, from Fermi National Accelerator Laboratory, $97,535, “PO for U.S. Compact Muon Solenoid (CMS) Operations at LHC (Upgrade-FPix).”

Karava, Panagioti; civil engineering, from American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Inc., $10,000, “American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Grant in Aid Jaewan Joe.”

Karava, Panagioti; Bilionis, Ilias; Tzemelikos, Athanasius; Hu, Jianghai and Proctor, Robert W.; civil engineering, mechanical engineering, electrical & computer engineering, psychological science, from National Science Foundation, $1,200,000, “Cybersees: Type 2: Human-Centered Systems for Cyber-Enabled Sustainable Buildings.”


Kenley, Charles R.; industrial engineering, from Purdue University, $5,000, “1516 Entrepreneurial Leadership Academy Award.” (a Discovery Park award – Burton D. Morgan Center)

Kenttamaa, Hilikka I.; chemistry, from National Science Foundation, $150,000, “Gas-Phase and Solution Reactivity Studies on Para-Benzene Analogs and Related Bi, Tri- and Tetraradicals.”

Kenttamaa, Hilikka I.; chemistry, from Neste Oil Oyj, $45,000, “Method Development for Large Paraffins.”

Kilaz, Gozdem; Gore, Jay P.; Lucht, Robert P and Qiao, Li; aviation technology, mechanical engineering, aeronautical & astronautical engineering, from Federal Aviation Administration, $190,578, “Project #13 - Alternative Aviation Fuels Fire Safety (Year 2).”

Kim, Chang H. and Taparowsky, Elizabeth J.; comparative pathobiology, biological sciences, from Purdue University, $30,000, “Regulation of Intestinal FoxP3+ T Cells by B-Cell-Activating Transcription Factor (BATF).”

Kim, Jeong-Nam; communication, from Purdue University, $5,000, “1516 Entrepreneurial Leadership Academy Award.” (a Discovery Park award – Burton D. Morgan Center)

Kingsbury, Bruce A.; arts & sciences administration – Fort Wayne campus, from Fort Wayne Childrens Zoo, $900, “Translocating Massasugas as a Conservation and Management Tool.”

Kirkpatrick, Jane M.; nursing, from Indiana State Department of Health, $10,000, “North Central Nursing Clinic (NCNC) Proposal Primary Care Learning Collaborative Mini-Grant; Contract 0000000000000000013886.”

Kirkpatrick, Jane M.; nursing, from PHS-HRSA National Center for Health Services Research, $57,764, “North Central Nursing Clinics (NCNC).”

Kirkpatrick, Jane M. and Aaltonen, Pamela M.; nursing, from PHS-HRSA National Center for Health Servs Res, $256,100, “Expanded Services Supplemental Funding.”


Klimeck, Gerhard; electrical & computer engineering, from Ruhr University Bochum, $26,500, “Graduate Student Support.”

Koltick, David S.; physics, from Advanced Physics Technologies, $57,493, “An Experimental Program to Test Anti-Neutrino Interactions on Radioactive Sources.”

Kong, Shengchun; Song, Qifan and Cheng, Guang; statistics, from Indiana Clinical & Translational Science Institute, $10,000, “Big Data Inference for Survival Data.”

Krogmeier, James V.; electrical & computer engineering, from The Climate Corporation, $50,000, “Open Ag Technology Group.”

Kuhn, Richard J.; science – administration, from J Craig Venter Institute, $18,323, “Bioinformatics Resource Centers for Infectious Diseases- Viral.” (a Discovery Park award – Bindley Bioscience Center)

Labi, Samuel and Sinha, Kumares C.; civil engineering, from Indiana Department of Transportation, $149,858, “SPR 4012 - Effects of Bridge Surface & Pavement Maintenance Activities on Asset Rating.”

Lechtenberg, Victor L.; Beaulieu, Lionel J; Kumar, Indraneeel; Zhalnin, Andriy V; Hutcheson, John S and Morrison, Edward F; Office of Engagement, agriculture – administration, from Economic Development Administration, $188,373, “Purdue Innovation Network: Linking Resources to Leverage Innovation.”

Lelievre, Sophie A.; basic medical science, from Laval USA, $239,882, “New HTS Aging Model to Challenge Raw Material Screening: µfibrosquares.”


Li, Kai Ming; mechanical engineering, from Federal Aviation Administration, $90,000, “Coe-2015-35 Noise Emission and Propagation Modeling.”

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

Liceaga, Andrea M.; food science, from Dang Foods LLC, $1,500, “Multi Sponsored Gift- Sensory.”

Liceaga, Andrea M.; food science, from Talking Rain Beverage Company, $5,000, “Multi Sponsored Gift- Sensory.”

Liceaga, Andrea M.; food science, from Impossible Foods Inc, $3,025, “Multi Sponsored Gift- Sensory.”

Liceaga, Andrea M.; food science, from Bandy Carroll Hellige, $1,500, “Multi Sponsored Gift- Sensory.”

Liceaga, Andrea M.; food science, from Monogram Food Solutions Inc, $1,000, “Multi Sponsored Gift- Sensory.”

Liceaga, Andrea M.; food science, from Maplehurst Bakeries Inc., $1,000, “Multi Sponsored Gift- Sensory.”

Liceaga, Andrea M.; food science, from Weaver Popcorn Company, $6,000, “Multi Sponsored Gift- Sensory.”

Lister, Matthew L.; physics, from National Aeronautics and Space Administration, $176,185, “The Parsec and Kiloparsec Jet Properties of Mojave AGN.”

Liu, Lu; industrial engineering, from National Science Foundation, $164,307, “Cybersees: Type 1: Collaborative Research: Sustainability-Aware Management of Inter-dependent Power and Water Systems.”
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 1.”

Lowenberg-DeBoer, James M and Peters, Jerry L; International Programs in Agriculture, youth development & agricultural education, from Winrock International, $211,444, “Guinea Agriculture Education and Market Improvement Program.”

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.”


Luo, Zhao-Qing; biological sciences, from Texas A&M Research Foundation, $59,054, “Identification and Role of Type IV Effector Proteins in Coxiella Burnetii; Amendment 3; [Grant 106311].”

Lynall, Matthew D; management, from Daimler Trucks North America LLC, $3,787, “Krannters Experiential Learning Initiative (ELI).”

MacDermid Wadsworth, Shelley; child development & family studies, from National Vietnam Veterans Foundation, $5,000, “Reaching Rural Veterans.”

Madhavan, Krishna; Vorvoreanu, Mihaela; Diefes-Dux, Heidi A; Loui, Michael C; Ohland, Matthew W and Zentner, Michael G; engineering education, industrial technology, academic technologies, from National Science Foundation, $300,000, “EAGER - BIGDATA: 1A: SMART Data - Academic Success Made Affordable, Rapid Response Research (RAPID), and Timely through Integrated Data Analytics.”

Main, Joyce B; engineering education, from National Science Foundation, $247,412, “An Engineer Like Me: How Perceived Similarity and Peer Effects Influence Student Major Choice.”

Main, Joyce B; engineering education, from National Science Foundation, $181,161, “Collaborative Research: Understanding the Role of High Schools in Diversifying and Promoting Undergraduate Engineering Degree Attainment.”

Manfra, Michael J; electrical & computer engineering, from Purdue University, $150,000, “Molecular Beam Epitaxy” (a Discovery Park award – Birck Nanotechnology Center)

Matson, Eric T and Taylor, Julia M; computer & information technology, from National Science Foundation, $65,000, “Collaborative Research: I/UCRC for Robots and Sensors for the Human Well-Being.”

Mattoo, Seema and Yernool, Dinesh A; biological sciences, from PHS-NIH National Institute of General Medical Science, $301,638, “Role of Fic Proteins in Cellular Signaling.”

Maynard, Elizabeth T; horticulture & landscape architecture, from Mark or Lori Sigourney, $100, “Research for 1995 Vegetable Variety Trial Program.”

McCann, Maureen C; Agrawal, Rakesh; Berrmel, Peter A; Dietz, James E; Garimella, Suresh V; Kenttamaa, Hilikka I; Kilaz, Gozdem; Pol, Vilas G; Pourpoint, Timotehee L; Sharma, Pankaj; Trice, Rodney W; Weibel, Justin A; Wojtalewicz, Clifford J; Xu, Dongyan; Ye, Peide; Youngblood, Jeffrey P and Zhang, Xiangyu; biological sciences, chemical engineering, electrical & computer engineering, computer & information technology, Executive Vice President for Research and Partnerships, chemistry, aviation technology, aeronautical & astronautical engineering, comparative pathology, materials engineering, mechanical engineering, computer science, from Office of Naval Research, $2,000,000, “Neptune Center for Power and Energy Research.” (a Discovery Park award – Energy Center)

McKee, Renee K; Blankenship, Bonnie T; McDonough, Meghan H; Snyder, Frank J and Wynkoop, Ryan D; cooperative extension service expenses, health & kinesiology, from National Institute of Food & Agriculture, $135,000, “4-H Pals Purdue University Sustainable Community Project.”

McLennan, Michael J; academic technologies, from Leidos, $72,646, “Establishing a Biomedical Citizen Science Hub for the National Cancer Institute.”

Mesecar, Andrew D; biochemistry, from Loyola University Chicago, $303,150, “Mechanisms of Viral Proteases in Coronavirus Replication and Pathogenesis.”

Mintert, James R and Gudenceon, Michael A and Langemeier, Michael R; agricultural economics, from Chicago Mercantile Exchange, $734,396, “CME Group Farm Economy Barometer Project.”

Minton, David A; earth & atmospheric sciences, from National Aeronautics and Space Administration, $30,000, “Modeling the Evolution of Lunar Impact Glasses.”

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

Morissette, Dallas T; electrical & computer engineering, from II-1 Foundation, $49,500, “SiO2/4h-SIC Interface Optimization for Next Generation Power MOSFETs.” (a Discovery Park award – Birck Nanotechnology Center)

Nagy, Zoltan; chemical engineering, from Eli Lilly and Company, $265,000, “Integrated Drug Substance and Drug Product Continuous Manufacturing: Continuous Spherical Crystallization.”

Nateghi, Roshanak; industrial engineering, from National Science Foundation, $123,709, “Sees: Sustainable Energy Infrastructure Planning.”

Neumeister, Norbert; physics, from Princeton University, $228,064, “U.S. Compact Muon Solenoid (CMS) Operations at LHC, Amendment 9.”

Nielsen, Robert L; agronomy, from Ron Martin Seed & Supply Co, $250, “Corn & Soybean Production.”

Niser, John C; consumer & family sciences – Fort Wayne campus, from Niagara University, $4,000, “HSD Consortium.”

Nitz, Amy J; professional studies – Fort Wayne campus, from The Lutheran Foundation, $76,250, “Indiana University-Purdue University Fort Wayne (IPFW) Community Counseling Clinic Family Project.”

Niyogi, Devdutta S; agronomy, from National Science Foundation, $313,096, “Collaborative Research: Extreme Rainfall in Urban Environments.”
Nnanna, Agbai A: mechanical engineering – Calumet campus, from Indiana Department of Natural Resources, $47,793, “Northwest Indiana Well Water Testing Program.”

Nnanna, Agbai A: mechanical engineering – Calumet campus, from Indiana Department of Natural Resources, $46,256, “Smartphone Based Device for Online Monitoring of Chemical Pollutants in Water.”


Ohland, Matthew W and Cardella, Monique E: engineering education, from Boise State University, $44,941, “Measuring the Effects of Precollege Engineering.”


Panitch, Alyssa: biomedical engineering, from Indiana University Purdue University at Indianapolis, $35,284, “2015-16 Joint PhD Program with Indiana University Purdue University at Indianapolis (IUPUI) for Graduate Support – Han Shih.”

Parashar, Neeti: chemistry and physics – Calumet campus, from University of Nebraska-Lincoln, $24,395, “U.S. Compact Muon Solenoid (CMS) Phase-1 Upgrades Amendment No. 3.”

Parashar, Neeti: chemistry and physics – Calumet campus, from Princeton University, $9,421, “US Compact Muon Solenoid (CMS) Phase 2 Upgrade R&D Subsystem.”

Pastakia, Sonak D: pharmacy practice, from Purdue University, $5,000, “1516 Entrepreneurial Leadership Academy Award.”

Patrick, Helen: educational studies, from Institute of Education Sciences, $509,783, “Measuring Effective Teaching Across Core Academic Content Areas in Kindergarten.”


Paterno, John J: horticulture & landscape architecture, from Midwest Regional Turf Foundation, $25,000, “Turfgrass Research.”


Post, Carol B: medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute of General Medical Science, $319,315, “Nuclear Magnetic Resonance (NMR) Structure of Peptide and Protein Complexes.”

Pourtoup, Timothee L: aeronautical & Astronautical Engineering, from Indiana University, $75,000, “Research Initiation: Transformative Approaches to Teaching User-Centered Design.”

Pourtoup, Timothee L: aeronautical & Astronautical Engineering, from Purdue University, $5,000, “1516 Entrepreneurial Leadership Academy Award.”

Pourtoup, Timothee L: aeronautical & Astronautical Engineering, from Purdue University, $5,000, “1516 Entrepreneurial Leadership Academy Award.”


Ramtani, Karthik: mechanical engineering, from National Science Foundation, $200,000, “Mobimod: Mobile Shape Modeling through Embodied Interactions.”

Ratliff, Krista L: English, from David M. Knox Endowment, $20,189, “Garcia, Gabriela M.”

Ratliff, Timothy L: Executive Vice President for Research and Partnerships, from PHS-NIH National Cancer Institute, $101,513, “National Cancer Institute (NCI) Cancer Center Supplement for Undergraduate Student Research Experiences – P30S.”

Reid, Tahira and Hynes, Morgan M: mechanical engineering, engineering education, from National Science Foundation, $150,000, “Research Initiation: Transformative Approaches to Teaching User-Centered Design.”

Reuhs, Bradley L: food science, from University of Washington, $6,434, “The Pel Exopolysaccharide Gene Cluster of Pseudomonas Aeruginosa, Amendment 1.”

Rhoads, Jeffrey F and Chiu, George T: mechanical engineering, from Northeastern University, $75,000, “Portable, Integrated Microscale Sensors (PIMS) for Explosive Detection.”

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

Rickus, Jenna L; agricultural & biological engineering, from Purdue University, $10,000, “Nanohub-U, Jenna Rickus.” (a Discovery Park award – Network for Computational Nanotechnology)

Rochet, Jean-Christophe; medicinal chemistry & molecular pharmacology, from University of Minnesota, $83,659, “Multiplexed Kinase Biosensor Technology to Detect Leukemia Signaling with Mass Spectrometry.”


Roy, Kaushik; electrical & computer engineering, from Intel Corporation, $100,000, “Neural Computing STDP”

Sadeghi, Farshid; mechanical engineering, from Timken Company, $85,000, “Tribology Lab Research.”

Sadeghi, Farshid; mechanical engineering, from Society of Tribologist & Lube- rication Engineering, $5,000, “Tribology Lab Research.”

Salgado, Rodrigo; civil engineering, from Vietnam International Education Development, $27,000, “Vietnam International Education Develop Fellowship for Bach Xuan Vu.”

Sambaluk, Nicholas M; computer & information technology, from Purdue University, $5,000, “1516 Entrepreneurial Leadership Academy Award.” (a Discovery Park award – Burton D. Morgan Center)

Savaiano, Dennis A and Maulding, Melissa K; foods & nutrition, from National Institute of Food & Agriculture, $410,000, “North Central Nutrition Education Center for Excellence.”

Scachitti, Susan M; engineering technology – Calumet campus, from Department of Veterans Affairs, $99,066, “VA240C-15-J-0069; Modification 2; (Master: VA240C-14-D0007).”

Schinckel, Allan P and Ajuwon, Kolapo; animal sciences, from University of Arizona, $90,260, “Engineering Soybeans to Enhance Gut-Health.”


Scott-Moncrieff, Joanna C; veterinary clinical science, from North Central Veterinary Emergency Center LLC, $5,400, “ECC Residency Training Program.”


Slepson, Paul B; chemistry, from National Science Foundation, $277,417, “Intergovernmental Personnel Act Assignment for Paul B. Slepson.”

Shi, Riyi; basic medical science, from Mexico National Council of Science and Technology (CONACYT), $71,313, “Mexico National Council of Science and Technology (CONACYT) 15-16 Fellowship for Marcela Cruz Haces.”

Shih, Tom I; aeronautical & astronautical engineering, from The National GEM Consortium, $40,000, “2015 GEM Fellowship Alexander Finch.”

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 Idaho National Laboratory, $141,448, “Additive Manufacturing of Graphite Matrixed Ceramic Fuel Block.”

Singh, Manpreet; food science, from Heidi Erdman, $50, “Multi Sponsored Gift.”


Sloan, Mary Anne; global affairs, from Indiana Rural Health Association, $4,000, “Multi Sponsor Account I-Hitec.”

Sloan, Mary Anne; global affairs, from Indiana State Medical Association, $250, “Multi Sponsor Account I-Hitec.”

Smith, Mjt; graduate school administration, from Purdue University Special Initiative Program, $31,001, “Ahangar, Mohsen.”

Smith, Mjt; Mason, Linda J; Yadav, Aman and Sahley, Christie L; graduate school administration, educational studies, biological sciences, from National Science Foundation, $98,500, “Professorial Advance ment Initiative.”

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

Spafford, Eugene H; computer science, from Cisco Systems, Inc., $2,500, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.”

Stansbury, Betty M; airport operations, from Federal Aviation Administration, $442,969, “Purdue Airport Grant #36.”

Stansbury, Betty M; airport operations, from Federal Aviation Administration, $898,524, “Purdue Airport Grant #37.”

Stansbury, Betty M; airport operations, from Federal Aviation Administration, $1,350,000, “Strengthen Runway 10-28 and Rehabilitate Intersection with Runway 05-28 – Phase 2 (Construction); Install LED Airfield Signage (Phase 2 Construction) (Federal).”

Staussucher, Cynthia V; biological sciences, from University of Notre Dame, $149,917, “Determination of Structure, Dynamics and Energetics of Enzyme Reactions.”

Strachan, Alejandro H materials engineering, from Lawrence Livermore National Laboratory, $73,633, “Optimal Orchestration of High-Fidelity Simulations in Multiscale Materials Models.” (a Discovery Park award – Birck Nanotechnology Center)
Stwalley, Robert M; agricultural & biological engineering, from GS Bridge Assistantships, $28,586, "Smith, Ronald."

Sudhoff, Scott D; electrical & computer engineering, from University of Illinois at Champaign-Urbana, $26,998, "Armature Winding Design for a Superconducting Aircraft Propulsion Motor."

Sun, Chin-Teh; aeronautical & astronautical engineering, from University of Missouri-Columbia, $60,000, "Development of Elastic Metamaterials, Amendment 1 (Grant 107526)."

Sundaram, Neera J and Reid, Tahira; mechanical engineering, from National Science Foundation, $300,000, "EAGER: Emotional Intelligence in Human-Machine User Interfaces."

Swhart, Robert K and Michler, Charles H; forestry & natural resources, from U.S. Forest Service, $111,000, "Hardwood Tree Improvement and Regeneration Center."

Swhart, Robert K and Woeste, Keith E; forestry & natural resources, from U.S. Forest Service, $3,357, "Genomic Analysis of Northern Long-Eared Bat."

Swhart, Robert K; forestry & natural resources, from U.S. Forest Service, $30,800, "Developing Resistant Stock and Restoring Butternut."

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)

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; Aguilar, Ruben C; Gleich, David F; Grama, Ananth Y; Neville, Jennifer L; Ramkrishna, Doraiswami and Ward, Mark D; science – administration, biological sciences, computer science, chemical engineering, statistics, from National Science Foundation, $2,500,000, "Emerging Frontiers of Science of Information."

Szpankowski, Wojciech; computer science, from National Science Foundation, $100,000, "Supplement: Undergraduate Research Workshop: Emerging Frontiers Science of Information." (a Discovery Park award – Discovery Park Administration)

Talavage, Thomas M; electrical & computer engineering, from Indiana University Purdue University at Indianapolis, $40,401, "Multi-Site Eval. of Role of Deep Brain Structures in Long-Term Neurological Disorder after Traumatic Brain Injury, Amendment 1; Grant 207924."

Taleyarkhan, Rusi P; nuclear engineering, from U.S. Department of Homeland Security, $189,005, "High Efficiency (X2 HE-3), Low-Cost / High Resolution Tamfd Based Mobile-Fixed Sensors (with <$1/cc Materials; <3% Resolution) for Detection of Shielded SNMS."

Tantama, Mathew C; chemistry, from PHS-NIH National Eye Institute, $226,857, "Optical Tools to Study Neuropeptide Signaling."

Tao, Weiguo A and Zhang, Dabao; biochemistry, statistics, from PHS-NIH National Institute of General Medical Science, $297,113, "A Proteomic Platform to Identify and Validate Biomarkers in Metabolic Syndrome and Coronary Artery Disease."

Taylor, Lynne S; industrial & physical pharmacy, from U.S. Department of Education, $442,917, "Pharmaceutical Engineering 2015 Graduate Assistance in Areas of National Need (GAANN)."

Taylor, Lynne S; Galinski, 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."

Taylor, Lynne S; Taylor, Lynne S; Galinski, 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."

Taylor, Lynne S; industrial & physical pharmacy, from Lilly Research Laboratories, $265,000, "The Effect of Compound Aggregation on Drug Metabolism and Transport."

Teegarden, Dorothy; health and human sciences, from United Student Aid Funds, Inc, $15,000, "College of Health and Human Sciences Unrestricted Scholarship Fund."

Teegarden, Dorothy; health and human sciences, from Individual Donors, $30,000, "Matching Fund for Emerging Urban Leaders Scholarship."

Ting, Wei-Tsyl E; biological sciences – Calumet campus, from Bills Produce Inc, $1,660, "Microbial Quality of Freshly Cut Fruits Stored in Modified Atmosphere at 4 C for 28 Days."

Tisdale, James E; Overholser, Brian R and Sowinski, Kevin M; pharmacy practice, from American Heart Association, $143,000, "Influence of Testosterone Administration on Drug-Induced QT Interval Prolongation and Torsades De Pointes."

Tsoukalas, Lefteri and Alaminoti, Miliadis; nuclear engineering, from National Science Foundation, $86,696, "Collaborative Research: EAGER-Dynamicata: Machine Intelligence for Dynamic Data-Driven Morphing of Nodal Demand in Smart Energy Systemssmar."

Tzempelikos, Athanasiou; civil engineering, from American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Inc., $10,000, "15-16 American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Grant-IN-Aid I. Konstantzos."

Ukkusuri, Satish V; civil engineering, from Vietnam International Education Development, $27,000, "Vietnam International Education Develop Fellowship for Tho Van Le."

Vacca, Andrea; agricultural & biological engineering, from National Science Foundation, $198,480, "PFI-AIR - TT: a Novel Concept for Variable Delivery Flow Units for Fluid Power Applications."

Varma, Amit H; civil engineering, from National Institute of Standards & Technology, $163,556, "Intergovernmental Personnel Assignment (IPA) for Selvarajah Ramesh."

Volencec, Jeffrey J; Brouder, Sylvie M and Bracke, Marianne S; agronomy, library administration, from Agricultural Research Service, $3,500, "Establishing a Distributed Agricultural Data Management and Repository Network."

Volencec, Jeffrey J; Johnson, Keith D; Orvis, Kathryn S; Turco, Ronald F; Brouder, Sylvie M; Chaubey, Indraneet and Martin, Chad A; agricultural & biological engineering, agronomy, youth development & agricultural education, earth & atmospheric sciences, from Iowa State University, $502,435, "Sustainable Production and Distribution of Bioenergy for the Central USA."

Voyles, Richard M; engineering technology, from National Science Foundation, $39,750, "Workshop on the Science of Safety for High Consequence Materials."
Dimensions of Discovery

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


Wang, Xiuling; mechanical engineering – Calumet campus, from Los Alamos National Laboratory, $27,058, “Continued Efforts for Developing KIVA-hpFE Package, Modification 2.”

Ward, Mark D; Cheng, Guang; Christ, Sharon L; Chun, Hyonho; Craig, Bruce A; Doerge, Rebecca W; Viens, Frederi G; Wang, Xiao; Xie, Jun; Zhang, Hao and Zhang, Lingsong; statistics, child development & family studies, mathematics, forestry & natural resources, from National Science Foundation, $288,511, “MCTP: Sophomore Transitions: Bridges into a Statistics Major and Big Data Research Experience.”

Wassgren, Carl R; mechanical engineering, from Procter & Gamble Company, $15,000, “P and G Voluntary Support.”

Watts, Val J; medicinal chemistry & molecular pharmacology, from National Institutes of Health, $446,858, “Understanding Adaptive Signaling of Neuronal Adenyl cyclases Using Sirna.”

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

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

Wells, Ellen M and Dydak, Ulrike; health sciences, from University of Michigan, $20,000, “Impact of Welding Material and Exposure Controls on Manganese Exposure and Olfactory Function: a Natural Experiment.”

Wendt, Michael K; medicinal chemistry & molecular pharmacology, from Indiana University, $20,000, “Establishment of Differential Isoform Expression as a Biomarker for FGFR-Targeted Therapy.”

Wendt, Oliver; speech, language and hearing sciences, from Purdue University, $15,000, “1516 Entrepreneurial Leadership Academy Award.” (a Discovery Park award – Burton D. Morgan Center)

Wilson, Christina R and Hammac, Gena K; comparative pathobiology, 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.”

Wilson, Steven R and Buzzanell, Patrice M; communication, from Lafayette Urban Enterprise Association, Inc., $13,607, “Youth Ideas About Community Revitalization.”

Wirth, Mary J; chemistry, from Li-Cor Biosciences, $93,819, “Silica Colloidal Crystals for High Resolution Maldi-MS of Glycoproteins, Amendment 1.”

Wlodarczyk, Jaroslav; mathematics, from Binational Science Foundation, $2,905, “Strong Semistable Reduction.”

Wulle, Bernard W; aviation technology, from Coalition Salute Americas Hero, $6,500, “Coalition to Salute Americas Heroes.”

Yang, Won Sik; nuclear engineering, from National Academy for Nuclear Training, $25,467, “Inpo National Academy for Nuclear Training Albert Hsieh.”

Yang, Won Sik and Jung, Yeon Sang; nuclear engineering, from DOE-ER-Nuclear Energy, $208,530, “Dev. of Steady-State Thermal-Hydraulic Analysis and Bowing Reactivity Eval. Methods Based on Neutron and Gamma Transport Calculations.”

Yao, Yuan; food science, from Phyt期权 LLC, $3,000, “Product Tests.”

Yazawa, Kazuaki; electrical & computer engineering, from Nissan Chem Indus Ltd-Central Res Institute, $12,062, “Thermal Device Technology Consulting.” (a Discovery Park award – Birck Nanotechnology Center)

Ye, Peide; Xu, Xianfan and Zemlyanov, Dmitry Y; engineering administration engineering experiment, mechanical engineering, 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)

Yoder, Ryan M; psychology – Fort Wayne campus, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $425,639, “Otolith-Dependent Brain Functions in Mice.”

Young, Bryan G; botany & plant pathology, from Wilbur-Ellis Company, $9,100, “Multi Sponsored Gift Account.”

Young, Bryan G; botany & plant pathology, from United Suppliers Inc, $12,950, “Multi Sponsored Gift Account.”

Zhang, Xiangyu and Xu, Dongyan; computer science, from SRI International, $98,413, “Transparent Computing.”

Zhou, Chenn Q and Wu, Bin; Center for Innovation through Visualization & Simulation, from U.S. Steel Corporation, $52,836, “Analysis of High PCI Rate for a Blast Furnace.”

Ziae, Babak; electrical & computer engineering, from Indiana University, $7,001, “Uplink: Urinary Bladder Monitoring System.” (a Discovery Park award – Birck Nanotechnology Center)

Zwier, Timothy S; chemistry, from National Science Foundation, $490,400, “Single Conformation Spectroscopy and Dynamics of Multichromophore Networks.”