Abbott to Bullock

Abbott, Angela R and Palmer, Laura A; nutrition science, health and human sciences, from Pennsylvania State University, $43,144, “Children, Youth, and Families at Risk (CYFAR) Coach.”

Akridge, Jay T; Engel, Bernard A; Hartman, Nathan W; Plaut, Karen I; Shakouri, Ali and Sutherland, John W; Office of the Provost, agricultural and biological engineering, computer graphics technology, agriculture – administration, electrical and computer engineering, environmental and ecological engineering, from North-central Central Indiana Community Partnership, $5,035,559, “Creating a Prosperous Economic Ecosystem in the Wabash Heartland.”


Ambrose, Rose Prabin Kingsly; agricultural and biological engineering, from Iowa State University, $70,000, “Training to Prevent Grain Dust Explosions.”

Baributsa, Dieudonne; entomology, from Wenger, Brandon, $250, “PICS Voluntary Support.”

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


Behrens, Sandra R; nursing, from Indiana University, $82,400, “Northwest Indiana Area Health Center (Federal Funds).”

Benes, Bedrich; computer graphics technology, from Arizona State University, $80,817, “Solution for Predictive Physical Modeling in Cadmium Telluride (CdTe) and Other Thin-Film Photovoltaic (PV) Technologies; Amendment 2; Grant 108718.”

Benjamin, Tamara J; Torres Bravo, Ariana P; Odonnell, Michael J and Turner, Maria H; horticulture and landscape architecture, agricultural economics, field extension agents, from University of Minnesota, $194,663, “Organic Transition and Certification: Supporting Indiana Grain Farmers Capacity to Meet Market Demand.”

Bertino, Elisa; computer science, from Electronics and Telecommunications Research Institute, $2,983, “Study on Key Hiding and Software Integrity Verification for Unmanned Vehicle.”

Bertino, Elisa; computer science, from IBM, $37,763, “IBM Distributed Analytics and Information Sciences (DAIS-ITA), Modification 3; Grant 108759.”

Bhunia, Arun K; food sciences, from Hemocleanse, Inc., $2,000, “Shuttleworth North America.”

Bigelow, Cale A; horticulture and landscape architecture, from Sod Solutions Inc, $2,500, “Putting Greens Research.”

Bolin, Jeffrey T; Executive Vice President for Research and Partnerships, from Purdue University, $265,734, “FY2017-18 Purdue Research Foundation (PRF) Research Grant.”

Bolin, Jeffrey T; Executive Vice President for Research and Partnerships, from Purdue University, $88,578, “FY2017-18 Purdue Research Foundation (PRF) Research Grant.”


Braile, Lawrence W; earth, atmospheric and planetary science, from Chevron Research Company, $25,000, “Chevron Voluntary Support.”


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

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

Braun, James E; civil engineering, from National Renewable Energy Laboratory, $100,000, “An Open, Cloud-Based Platform for Whole-Building Fault Detection and Diagnostics.”

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

Brouder, Sylvie M; agronomy, from Dow Agro Sciences, $50,000, “Dow DuPont.”

Brown, Stacy A; field extension agents, from Martin County Community Foundation, $5,000, “Martin County Makers Workshops.”

Buckmaster, Dennis and Krogmeier, James V; agriculture – administration, electrical and computer engineering, from CNH Industrial, $172,100, “Agricultural Machinery Systems Optimization? Focus on Harvest Logistics.”

Bullock, Darcy M; civil engineering, from Indiana Department of Transportation, $80,000, “SPR-4252 Forensic Investigations.”
Caffee to Garner


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

Chandrasekar, Srinivasan and Trumble, Kevin P: industrial engineering, materials engineering, from Army Research Office, $50,000, “Fluid-Like Flow, Surface Instabilities and Folding in Metal Plasticity and Wear.”

Chen, Zhihong: electrical and computer engineering, from Semiconductor Research Corporation, $95,000, “Integration of Cu/Gra- phene Hybrid Interconnects with Damascene Process; Amendment 2; (Grant 208852).”

Choi, Jong Hyun and Mao, Chengde: mechanical engineering, chemistry, from Office of Naval Research, $9,000, “Toward Versatile Synthetic DNA Walkers.”

Christian, John A: comparative pathobiology, from Western University of Health Sciences, $13,195, “Cytology Resource Center.”

Cook, Robert Graham: chemistry, from AB SCIEX, $500, “Pfizer Analytical Chem Fellowship.”


Cook, Robert Graham: chemistry, from FLIR Systems Inc, $106,455, “Fully MS/MS Capable Miniature Mass Spectrometer for Drug and CWA Analysis.” (a Discovery Park award – Bindley Bioscience Center)


Creswell, Tom C: botany and plant pathology, from Michigan State University, $49,500, “National Plant Diagnostic Network -North Central Region 2017-18.”


Dyke, Shirley J and Ramirez, Julio Alfonso: mechanical engineering, civil engineering, from Indiana Department of Transportation, $375,000, “Seismic Evaluation of Indiana Bridge Network and Current Bridge Database for Asset Management.”

Ebert, David S: electrical and computer engineering, from U.S. Department of Homeland Security, $147,505, “Vaccine Tools for Plugfest.” (a Discovery Park award – Discovery Park Administration)

Edwards, Nancy E: nursing, from North Central Health Services, $734,383, “Enhancing Mental Health Care in Indiana through Implementation of a Psychiatric/Mental Health Nurse Practitioner Program.”

Egel, Daniel: botany and plant pathology, from Illiana Watermelon Association, $6,000, “The Optimum Timing of Systemic Fungicides for the Management of Anthracnose of Watermelon What Entity.”

Eisenhauer, Mary Jane and Pratt, David M: education, from Indiana Campus Compact, $2,250, “Library Sprouts – Service Engagement and Family Literacy.”


Farkas, Brian E: food sciences, from Vonderschmitt, Benjamin T, $90, “Multi-Sponsored Gift Fermentation.”

Farkas, Brian E: food sciences, from Koh Knox Inc, $135, “Multi-Sponsored Gift Fermentation.”

Farkas, Brian E: food sciences, from The Pines Farm Hops, LLC, $220, “Multi-Sponsored Gift Fermentation.”

Farkas, Brian E: food sciences, from Luvocado LLC, $5,400, “Pilot Plant Multi-Sponsored Gift.”

Farkas, Brian E: food sciences, from Applied Materials, $2,500, “Pilot Plant Multi-Sponsored Gift.”

Farkas, Brian E: food sciences, from Purdue University, $27,326, “Loperena-Medina, Sue Heidi.”

Garimella, Suresh V: mechanical engineering, from DuPont Central Research and Development, $15,000, “Cooling Technologies Research Center (CTRC) Membership – Memo Match for 106029.”

Garimella, Suresh V: mechanical engineering, from DuPont Central Research and Development, $7,500, “Cooling Technologies Research Center (CTRC) Membership – Memo Match for 106029.”

Garimella, Suresh V: mechanical engineering, from DuPont Central Research and Development, $7,500, “Cooling Technologies Research Center (CTRC) Membership – Memo Match for 106029.”


Gerber to Jacobs

Gerber, Corey K; agronomy, from Becks Superior Hybrids, Inc., $2,250, “Crop Diagnostic Training and Research Center.”


Ginzel, Matthew D; entomology, from Xavier University, $35,526, “The Biology of Asian Longhorned Beetle in Ohio.”

Gitau, Margaret W; agricultural and biological engineering, from Russell O. Memorial Blosser Fellowship, $1,500, “Mehan, Sushant.”

Gkritza, Konstantina; agricultural and biological engineering, from Utah State University, $87,470, “Feasibility Analysis of Electric Roadways through Localized Traffic, Cost, Adoption, and Environmental Impact Modeling.”

Goergen, Craig J; biomedical engineering, from University of Texas at San Antonio, $81,335, “Mechanistic Justification for Pentagalloyl Glucose Mediated Abdominal Aortic Aneurysm (AAA) Suppression.”

Gondhalekar, Ameya D; entomology, from Syngenta Crop Protection Inc., $13,500, “Defining Efficacious Rates in Cockroach Gel Bait Matrices.”

Gore, Jay P; mechanical engineering, from John Zink Company, $10,000, “Turbulent Combustion Lab.”

Goshorn, Allison J; field extension educators, from Healthcare Foundation of La Porte, $2,745, “Farm to Freezer to Table.”

Gounder, Rajamani P; chemical engineering, from Korea University, $5,000, “Kyu Yoon – Purdue University/Korea University BK Plus Exchange Program (Faculty Sponsor: Dr. Sangtae Kim).”

Gounder, Rajamani P; chemical engineering, from University of Kentucky, $183,658, “Development of Passive HC/NOx Trap Catalysts for Low Temperature Gasoline Applications.”

Govindaraju, Rao S; civil engineering, from Pegasus Technical Services Inc., $77,000, “Decision Support Tool for Risk-Based Watershed Management”

Grama, Ananth Y and Szpankowski, Wojciech; computer science, from Case Western Reserve University, $215,251, “Theoretical Foundations and Software Infrastructure for Biological Network Databases.”

Granger, Darryl E; earth, atmospheric, and planetary science, from Sierra Pacific Industries, $7,500, “Darryl Granger Discretionary Funds.”

Grant, Richard H; agronomy, from Dow Agro Sciences, $25,126, “Climatology of Temperature Inversions and Associated Conditions: Regional Assessment.”

Gray, Nicholas W; admissions, from U.S. Department of Education, $6,438, “Indiana University-Purdue University Fort Wayne (IPFW) Upward Bound I.”

Gray, Nicholas W; admissions, from U.S. Department of Education, $6,438, “Indiana University-Purdue University Fort Wayne (IPFW) Upward Bound II.”

Guan, Wenjing; horticulture and landscape architecture, from Texas A&M Agrlife Research, $18,621, “Table to Farm: A Sustainable, System-Based Approach for a Safer and Healthier Melon Supply Chain in the U.S.”

Guan, Wenjing; Egel, Daniel S; Maynard, Elizabeth T; Torres Bravo, Ariana P and Ingwell, Laura L; horticulture and landscape architecture, botany and plant pathology, agricultural economics, entomology, from University of Minnesota, $200,000, “Improving Seedless Cucumber Production to Diversify High Tunnel Crops in the North Central Region.”


Guzey, Sukru; civil engineering, from Pemy Consulting, $19,800, “Assistant Frangible Roof Computer Program Saferoof Update: Phase 2.”

Haddock, John E; civil engineering, from Indiana Department of Transportation, $93,114, “Implementing the Superpave 5 Asphalt Mixture Design Method and Refining the Indiana Department of Transportation (INDOT) Ndesign Table, Lift Thickness, and Mixture Compactability.”

Haddock, John E; civil engineering, from Indiana Department of Transportation, $200,000, “Structural Evaluation of Full Depth Flexible Pavement Using Accelerated Pavement Testing (APT).”

Harbin, Sherry L; biomedical engineering, from National Science Foundation, $50,000, “Innovation Corps (I-Corps) Team – GeniPhys Personalized Tissue Engineering.”

Harbin, Sherry L and Puls, Theodore J; biomedical engineering, from International Foundation for Ethical Research, $12,500, “Engineering Novel 3 D Tumor-Stroma to Bridge the Gap Between Pre-clinical Model and Human Clinical Outcomes.”

Harris, Jason T; health sciences, from U.S. Department of State, $87,807, “Nuclear Security Culture and Insider Threat Workshop in Turkey.”


Hertel, Thomas W; agricultural economics, from Inter-American Development Bank, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”

Hong, Wei; liberal arts – administration, from Chinese Language Council International, $6,486, “Confucius Institute at Purdue University.”

Hook, Tomas O and Foley, Carolyn J; forestry and natural resources, Illinois-Indiana Sea Grant College Program, from Indiana Department of Natural Resources, $85,483, “T7R24 Mussel Habitat Modeling.”

Hook, Tomas O; forestry and natural resources, from University of Illinois, $238,999, “2014-18 IL in Sea Grant Omnibus.”

Jacobs, Douglass F; forestry and natural resources, from U.S. Forest Service, $10,000, “Nursery Production in the Eastern US.”

Jacobs, Douglass F; forestry and natural resources, from U.S. Forest Service, $10,000, “Nursery Production in the Eastern US.”
Jenkins to Matson

Jenkins, James L; Huang, Wan Ju and Takahashi, George; construction management technology, teaching and learning technologies administration, RCAC, from Occupational Safety and Health Administration, $49,996, “Susan Harwood Grant: Augmented and Virtual Reality Training for Construction Fall Protection.”

Johnson, Carla J; curriculum and instruction, from Battelle Memorial Institute, $194,000, “Battelle – Army Educational Outreach Program Cooperative Agreement, Modification 8; Grant 108058.”

Johnson, David R; materials engineering, from Arcelormittal USA, $27,000, “Boron Segregation and its Effects.”


Johnson, William G; botany and plant pathology, from Engage Agro, $32,800, “Weed Science Research Voluntary Support.”

Karcher, Elizabeth L; Karcher, Darrin M and Unknown Coeus Person; animal sciences, from US Poultry and Egg Harold E Ford Foundation, $6,865, “The Poultry Industry in a Shell.”

Karpicke, Jeffrey D; psychological science, from Iowa State University, $115,206, “Implementing Principles from the Science of Learning within Educational Practice; Amendment 1; Grant 209596.”

Kildishev, Alexander V; electrical and computer engineering, from Egyptian Cultural and Educational Bureau, $4,000, “Walied Sayed Hussein Abdelhalim.” (a Discovery Park award – Birck Nanotechnology Center)

Kladivko, Eileen J and Morrow, Anna L; agronomy, from University of Minnesota, $74,680, “Midwest Cover Crop Council -Cover Crop Decision Tool.”

Kluender, Keith R; speech, language and hearing sciences, from Indiana Lions Speech and Hearing Inc., $2,500, “2018 Increase: Clinical Support for Speech-Language-Audiology Services from the Indiana Lions Club (205024).”

Kramer, Robert A; chemistry and physics, from Indianapolis Department of Public Works, $100,000, “Extension of Indianapolis Street Lighting Contract to Consider Installation and Design Details.”

Krae, Matthew J M; materials engineering, from Arcelormittal USA, $6,000, “Arcelor Mittal Steel Processing Project.”

Krae, Matthew J M; materials engineering, from Arcelormittal USA, $27,000, “Boron Segregation and its Effects.”


Kroemme, James V; Buckmaster, Dennis; Camberato, James J; Crawford, Melba M; Deering, Amanda J; Grant, Richard H; Oliver, Haley F; Reibman, Amy R; Saraswat, Dharmendra and Ward, Mark Daniel; electrical and computer engineering, agricultural and biological engineering, agronomy, food sciences, statistics, from Foundation for Food and Agricultural Research, $936,698, “An Open Source Framework and Community for Sharing Data and Algorithms.”

Krupke, Christian H; entomology, from National Institute of Food and Agriculture, $500,000, “Neonicotinoid Seed Treatments in Bt Maize: Balancing Contributions to Insect Resistance Management with Impacts on Soil Health.”

Labi, Samuel; Fricker, Jon D and Sinha, Kumares C; civil engineering, from Indiana Department of Transportation, $167,513, “Cost-Effectiveness of Converting Signalized Arterials to Free-Flow Facilities.”

Leung, Yuk Fai; biological sciences, from International Retinal Research Foundation, $100,000, “Evaluation of New Drugs for Retinitis Pigmentosa with Zebrashif.”

Liang, Faming; statistics, from National Science Foundation, $120,658, “On Statistical Modeling and Parameter Estimation for High Dimensional Systems.”

Liceaga, Andrea M; food sciences, from Impossible Foods Inc., $5,000, “Multi-Sponsored Gift- Sensory.”

Liceaga, Andrea M; food sciences, from Impossible Foods Inc., $4,500, “Multi-Sponsored Gift- Sensory.”

Liceaga, Andrea M; food sciences, from Halong Bay Savory, $1,500, “Multi-Sponsored Gift- Sensory.”


Lodmell, Lesley N; field extension education, from Lawrence County Community Foundation, $2,000, “Science, Technology, Engineering and Mathematics (STEM) Learning Kit.”

Longuski, James M and Saikia, Saraj J; aeronautics and astronautics, from Lockheed Martin Corp., $25,000, “Mars Base Camp.”

MacDermid Wadsworth, Shelley and Wellnitz, Andrea L; human development and family studies, from Department of Veterans Affairs, $5,889, “Intergovernmental Personnel Assignment (IPA) with Mn Veterans Administration for Andrea Wellnitz.”

MacDermid Wadsworth, Shelley and Topp, Dave; human development and family studies, from Department of Veterans Affairs, $5,769, “Intergovernmental Personnel Assignment (IPA) with Mn Veterans Administration for Dave Topp.”

MacDermid Wadsworth, Shelley; human development and family studies, from Department of Veterans Affairs, $10,900, “Intergovernmental Personnel Assignment (IPA) with Mn Veterans Administration for Dr. MacDermid Wadsworth.”

Manfra, Michael James; physics and astronomy, from Microsoft Corporation, $152,899, “Microsoft Quantum Computing.”

Matson, Eric T; computer and information technology, from Korea Institute of Machinery and Materials, $18,000, “Development of Virtual-Reality Based User Interface Technologies for Immersive Visualization.”

Matson, Eric T; computer and information technology, from Information and Communication Technology Promotion, $72,165, “IITP Industry Professional Practice 2018.”
Maynard to Raghunathan

Maynard, Elizabeth T; Guan, Wenjing; Langenhoven, Petrus and Hoagland, Lori A: horticulture and landscape architecture, from Indiana State Department of Agriculture, $55,199, “Healthy Transplants for Healthy Crops: Developing a Protocol for Organic Transplant Production.”


Menekse, Muhsin: engineering education, from University of Pittsburgh, $10,247, “Investigating Motivation and Transfer in Physical Science through Preparation for Future Learning Instruction, Amendment 2; Grant 108341.”


Miller, Margaret A: comparative pathobiology, from National Institutes of Health, $12,602, “NIH Institutes of Health Training Grant for Jessica Beck.”

Miller, Margaret A: comparative pathobiology, from PHS-NIH National Cancer Institute, $11,001, “NIH Comparative Biomedical Scientist Training Program.”

Mishra, Dharmendra K: food sciences, from Grafton Peak Inc, $75, “Multi-Sponsored Gift.”

Mishra, Dharmendra K: food sciences, from Lakeside Farm Market, $225, “Multi-Sponsored Gift.”


Morisette, Dallas T: electrical and computer engineering, from Sonrisa Research Inc, $501,209, “Radical Innovations in Silicon Carbide (SiC) Power Devices; Amendment 2, Grant 108568.”

Murray, Michael D: pharmacy practice, from Regenstrief Institute for Health Care, $20,339, “Observational Medical Outcomes Partnership (OMOP) 2011 Research Collaborations.”

Nagy, Zoltan: chemical engineering, from Archer Daniels Midland Co, $60,000, “Process Development for Crystallization and Dextrose D-Allulose.”

Nemali, Krishna and Langenhoven, Petrus: horticulture and landscape architecture, from Indiana State Department of Agriculture, $50,000, “Research Based Extension Education Program for Increased Year-Round-Profitability in Hydroponic Lettuce Production.”

Nemali, Krishna; Ballard, Roy W and Witkowski, Nicole L: horticulture and landscape architecture, field extension educators, from Indiana State Department of Agriculture, $35,000, “Research Based Education for Indiana Beginner Farmers on Profitable Indoor (Vertical) Farming.”

Nielsen, Robert L: agronomy, from Pioneer Hi-Bred International, Inc., $1,000, “Corn and Soybean Production.”


Nielsen, S Suzanne: food sciences, from Association of Public and Land Grant University, $5,000, “Nielsen Multi-Sponsored Gift.”

Oortalan, Volkan: materials engineering, from Arconic multimill USA, $27,000, “Boron Segregation and its Effects.”

Overholser, Brian R and Shugg, Tyler A: pharmacy practice, from Academic Pharmaceuticals, Inc, $10,000, “Herg Inhibition with Sotalol Derivatives.”

Overstreet, Bryan K: field education extension, from University of Nebraska-Lincoln, $3,791, “Introducing Environmental Sustainability Principles for Food Production into High School Science.”

Paniagua Perez, Guillermo and Meyer, Terrence R: mechanical engineering, from Rolls-Royce Corporation, $160,777, “Rolls-Royce Small Turbine Aerothermal Research Rig (STARR).”

Parashar, Neeti: chemistry and physics, from Cornell University, $7,056, “U.S. Compact Muon Solenoid (CMS) Operations at the Large Hadron Collider (LHC).”

Parsons, Paul: computer graphics technology, from James Madison University, $4,000, “Beyond Boundaries: Exploring Transdisciplinary Potential in Visualization.”

Patrick, Helen and Mantzicopoulos-James, Panayota Y: education – administration, educational studies, from Institute of Education Sciences, $320,771, “Measuring Effective Teaching Across Core Academic Content Areas in Kindergarten.” (a Discovery Park award – Discovery Learning Research Center)

Patton, Aaron J: horticulture and landscape architecture, from University of Minnesota, $456,640, “Increasing Low-Input Turfgrass Adoption Though Breeding, Innovation, and Public Education.”

Peeta, Srinivas: engineering administration and engineering experiment station, from University of Michigan, $819,270, “Center for Connected and Automated Transportation (CCAT) – U.S. DOT Utc Regional 2016 Proposal.” (a Discovery Park award – Discovery Park Administration)

Pourpoint, Timothee L: aeronautics and astronautics, from Naval Air Warfare Center (Aircraft Div), $145,000, “Development of Low-Toxicity Liquid Propellant System for Orbital/Sub-Orbital Applications.”

Prabhakar, Sunil K: computer science, from National Physical Science Consortium, $5,000, “NPSC Fellowship for Amber Johnson.”

Prokopiy, Linda S: forestry and natural resources, from Conservation Technology Information Center, $107,279, “Regional Forums and Surveys to Evaluate NRCS WRI Projects.”


Rainey to Tyner


Ratliff, Timothy L: comparative pathobiology, from Carroll County Cancer Association, $20,000, “Cancer Research.”


Rogers, Timothy G: electrical and computer engineering, from Sandia National Laboratories, $85,000, “Gpppu-Sim Sst Integration.”

Rozhon, Atina M: field extension educators, from Jennings County Community Foundation, $1,500, “Reading Made Fun.”

Sadeghi, Farshid: mechanical engineering, from Timken Company, $90,000, “Tribology Lab Research.”


Sandhage, Kenneth H and Sangid, Michael D: materials engineering, aeronautics and astronautics, from Rolls-Royce Corporation, $250,091, “Fatigue of Silicon Carbide (SiC) Based Composites.”

Scalo, Carlo: mechanical engineering, from Army Research Office, $60,000, “ARO-YIP: Coherent-Vorticity-Preserving (CvP) Large-Eddy Simulations (LES) of Very-High-Reynolds-Number Vortex Dynamics.”

Schinckel, Allan P: Allen, Emma C and Thompson, Nathanael M: animal sciences, youth development and agricultural education, agricultural economics, from National Pork Board, $5,000, “Interaction with the Pork Industry on the Initial Use of a Program to Evaluate the Accuracy in Which Pigs Are Sorted for Market.”

Schoenlein, William E: biomedical engineering, from Cook Research Incorporated, $148,502, “Pre-Clinical Device Testing Agreement; Studies: CBI-SPDF, CI-THP2, CI-SCNP, CI-XCSF, CI-HM3X, CI-TA3X, CI-CLVR, CI-ZNTH, CI-ZTHO AND POC.”

Schwichtenberg, Amy J M: human development and family studies, from Indiana University, $4,544, “Infant Behavioral Sleep Intervention: Efficacy of a Novel Approach and Implementation into Primary Care.”

Semperlotti, Fabio: mechanical engineering, from Sandia National Laboratories, $97,847, “Development of Metamaterial-Based Technology for Subwavelength Elastic Wave Control.”

Sen, Shreyas: electrical and computer engineering, from Intel Corporation, $70,000, “Multi-Sponsored Industry.”


Shalaev, Vladimir M and Boltasseva, Alexandra: engineering administration and engineering experiment station, electrical and computer engineering, from Georgia State University, $304,258, “Novel Nonlinear Optical Processes in Active, Random and Nanostructured Systems; Amendment 1.”


Shannahon, Jonathan H: health sciences, from PHS-NIH National Institute of Environment Health Science, $249,000, “Disease-Induced Modification in Nanoparticle-Corona Identity and Toxicity.”


Shih, Tom I-P: aeronautics and astronautics, from Ames Laboratory, $100,000, “Computational Analysis of Advanced Cooling Strategies for High-Efficiency and Long-Service Life Turbines, Amendment 26; [Grant 104396].”


Stahelin, Robert V: medicinal chemistry and molecular pharmacology, from National Institutes of Health, $78,169, “Investigation of Vp40 Mutations Found in Previous Outbreaks on the Assembly and Budding of Filoviruses.”

Stahelin, Robert V: medicinal chemistry and molecular pharmacology, from National Institutes of Health, $313,525, “Lipid-Protein Interactions in Viral Assembly and Virus Like Particle Formation.”

Stewart, Kara R: animal sciences, from DSM Nutritional Products, Inc., $14,000, “Swine Research.”

Tay, Sien Chieh: psychological science, from University of Pennsylvania, $125,088, “Performance Task Measures of Self-Control and Grit; Amendment 4; Grant 209126.”

Tormoehlen, Roger L and Field, William E: agricultural and biological engineering, from National Institute of Food and Agriculture, $100,000, “YFSEC Instructor Training Project.”

Tran, Dan N and Pastakia, Sonak D: pharmacy practice, from Vanderbilt University, $89,398, “Vanderbilt-Emory-Cornell-Duke Consortium for Global Health Fellows (VECDor).”

Tu, Manghui and Jiang, Keyuan: computer information technology and graphics, from National Science Foundation, $1,200,110, “Cybercorps (R): Scholarship for Service (SFS) Program at Purdue University Northwest.”

Vacca to Zwier

**Vacca, Andrea**: agricultural and biological engineering, from Sun Hydraulics Corporation, $192,441, “Electro-Hydraulic Counter-Balance Valve.”

**Varma, Amit H** and **Seo, Jungil**: civil engineering, from Dankook University Jukieon Campus, $79,225, “Collaborative Experimental Investigation of Steel-plate Composite (SC) Walls Subjected to Missile Impact.”

**Vyn, Tony J**: agronomy, from BlosserRussell O. Memorial Fellowship, $1,500, “Pasley, Heather.”

**Wan, Hong**: industrial engineering, from Shuju Technology, $5,000, “Shuju Technology Voluntary Support.”

**Wan, Hong**: industrial engineering, from Fulan Technologies, $5,000, “Fulan Technologies Voluntary Support.”

**Wan, Hong**: industrial engineering, from Collinstar Capital Pty Ltd, $1,500,000, “Blockchain Pioneer Research with Applications in Internet of Things (IoT), Artificial Intelligence (AI) and Big Data.”


**Weaver, Connie M**: nutrition science, from Dairy Management, Inc. (DMI), $22,000, "Guidelines for Enhancing Design and Analysis of Prospective Cohort Studies Related to Bone Health for Use in Nutrition and Health Research.”

**Weaver, Connie M** and **Story, Jon A**: nutrition science, from Indiana University Purdue University at Indianapolis, $101,402, “Clinical and Translational Sciences Institute (CTSI) – Training Grant Year 5.” (a Discovery Park award – Bindley Bioscience Center)

**Weiner, Andrew M**: electrical and computer engineering, from Oak Ridge National Laboratory, $2,998, “A Quantum Interconnect for Matter Qubits Based on Frequency Encoded Photonic Qubits.”

**Wells, Ellen M**: health sciences, from PHS-CDC National Institute of Occupation, Safety, Health, $14,385, “Occupational Safety and Health Training Grant – Revision for Grant #109271.”

**West, Terry R**: earth, atmospheric, and planetary science, from AEG Chicago Chapter, $100, “AEG Travel.”

**Woodcox, Stephanie G**: health and human sciences, from Health Care Education-Training Inc, $61,000, “Strong Teens Acting Responsibility (STAR).”

**Wu, Wenzhuo**: industrial engineering, from Battelle Energy Alliance LLC, $56,000, “Hybrid Nanomanufacturing of Hierarchical Electrochemical Systems for High-Efficiency Electrocatalysis.”

**Xu, Dongyan**: computer science, from The Boeing Company, $50,000, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support (8000083896).”

**Xu, Dongyan**: computer science, from Raytheon, $75,000, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.” (a Discovery Park award – Center for Education and Research in Information Assurance and Security [CERIAS])


**Xu, Jin-Rong**: botany and plant pathology, from Agricultural Research Service, $50,162, “Distinct Regulatory Functions of the TRI6 and TRI10 Genes in Deoxynivalenol (DON) Biosynthesis.”

**Yaninek, John S**: entomology, from Indiana Department of Natural Resources, $26,557, “Indiana Cooperative Agricultural Pest Survey Work Plans and Budgets Federal FY 2017, Remaining Funding. (Grant 209713) (Contract 23151).”

**Ye, Peide**: electrical and computer engineering, from Semiconductor Research Corporation, $100,000, “High-Mobility Narrow Bandgap 2D Materials for TFET Applications, Amendment 2 [Grant 209020].”

**Young, Bryan G**: botany and plant pathology, from Carnegie-Mellon University, $20,926, “Development of Agrochemical Formulations Based on Multi-Functional Lignopolymer Dispersants.”

**Yu, Wenbin**: aeronautics and astronautics, from Georgia Technology, $13,920, “Vabs as a Tool for Real Blade Analysis, Design, and Certification, Amendment 2 Grant 108848.”

**Yu, Wenbin**: aeronautics and astronautics, from The Boeing Company, $50,000, “CDM HUB (Consortium).”

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

**Zhuang, Qianlai**: department earth, atmospheric, and planetary science, from University of Colorado at Boulder, $75,268, “Process-Level Investigation of Revised Global Methane Budget Based on In Situ and Remote Sensing of Atmospheric Composition and the Land Surface, Amendment 1; Grant 109310.”

**Zook, Melinda S**: college of liberal arts-administration, from The Teagle Foundation, $175,000, “Cornerstone Integrated Liberal Arts Program.”

**Zwier, Timothy S**: chemistry, from American Chemical Society, $134,786, “The Journal of Physical Chemistry.”

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