Abbott to Bullock

Abbott, Angela R and Love-Tillotson, Jennifer M; nutrition science, from The Glick Fund, $7,500, “Nutrition Education Program.”

Adeola, Olayiwola; animal sciences, from Blue River Research Services, $35,050, “Danisco.”

Adeola, Olayiwola; animal sciences, from Biomatrix Inc, $10,000, “Danisco.”

Adeola, Olayiwola; animal sciences, from DSM Nutritional Products, Inc., $62,000, “Confirmation of Selected Doses of an Enzyme Combination on Performance of Broiler Chicken Fed a Corn and Soybean Meal Based Diet.”

Adeola, Olayiwola; animal sciences, from Evonik Degussa GmbH, $60,000, “Swine & Poultry Research – Evonik.”

Alam, Muhammad A; electrical & computer engineering, from Texas Instruments, Inc., $75,000, “Texas Instruments Gift.”

Allebach, Jan P; electrical & computer engineering, from Hewlett Packard, $75,000, “Halftoning Algorithms for HP Barcelona Products.”


Bagchi, Saurabh; electrical & computer engineering, from Adobe Systems Incorporated, $15,000, “Adobe.”

Bagchi, Saurabh and Sundaram, Shreyas; electrical & computer engineering, from Sandia National Laboratories, $98,632, “Algorithms for Secure and Distributed Mobile Intelligence, Surveillance, and Reconnaissance Platforms.”

Bahr, David F; materials engineering, from Association for Iron and Steel, $5,000, “Laboratory Development for Incorporating Modern Iron and Steel Alloys in the Materials Engineering Curriculum at Purdue University (208630).”


Beaulieu, Lionel J and Rigrish, Julie D; Office of Engagement, from Community Foundation of Southern Indiana, $2,500, “Community Foundation of Southern Indiana Grant.”

Beaulieu, Lionel J and Rigrish, Julie D; Office of Engagement, from Horseshoe Foundation of Floyd County, $10,000, “Horseshoe Foundation of Floyd County.”

Bhave, Sunil A; electrical & computer engineering, from General Electric Company, $40,000, “Real Time Simulations of Complex Physical Systems.”

Bigelow, Cale A; horticulture & landscape architecture, from Precision Laboratories Inc., $4,250, “Putting Greens Research.”

Bigelow, Cale A; horticulture & landscape architecture, from Sepro Corporation, $8,000, “Putting Greens Research.”

Bolin, Jeffrey T; Executive Vice President for Research and Partnerships, from Purdue University, $45,000, “Vice President for Research (OVPR) Bridget Funding.”

Bouman, Charles A; electrical & computer engineering, from Lockheed Martin Corp., $40,000, “Attention Tracking and Anticipation.”

Bouman, Charles A; electrical & computer engineering, from General Electric Company, $125,499, “Next Generation MBIR for the Revolution System.”

Bowing, Laura C and Cherkauer, Keith A; agronomy, agricultural & biological engineering, from University Corp for Atmospheric Research, $48,000, “Improving Operational Flood Forecasts in the US Northern Plains Region through Assimilation of Ponded Water Retrievals; Amendment 2, Grant 107308.”

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

Braun, James E; mechanical engineering, from Ingersoll – Rand Co., $25,000, “Modeling Predictive Control for Cooling Systems w/Ice Storage.”


Buczkowski, Grzegorz A; entomology, from MGK Insect Control Solutions, $1,200, “Multi-Sponsored.”

Buczkowski, Grzegorz A; entomology, from BASF Corporation, $2,500, “Multi-Sponsored.”

Buhman, Kimberly K; nutrition science, from Mead Johnson Nutritionals, $2,000, “2nd Big Ten Academic Alliance – Lipids Symposium.”

Bullock, Darcy M; civil engineering, from Indiana Department of Transportation, $33,951, “2018 Transportation Research Board (TRB) Annual Meeting Activities.”

Bullock, Darcy M; civil engineering, from Indiana Department of Transportation, $584,000, “SPR 4251 – Probe Data to Support Research and Implementation.”
Caffe to Esters


Caldwell, Barrett S: industrial engineering, from Anderson University, $1,000, "Indiana Space Grant Consortium (INSGC) Affiliate Dues."

Caldwell, Barrett S: industrial engineering, from Indiana 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 Taylor University, $1,000, "Indiana Space Grant Consortium (INSGC) Affiliate Dues."

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

Caldwell, Barrett S: industrial engineering, from Indiana State University, $1,000, "Indiana Space Grant Consortium (INSGC) Affiliate Dues."

Caldwell, Barrett S: industrial engineering, from Ball State University, $1,000, "Indiana Space Grant Consortium (INSGC) Affiliate Dues."

Caruthers, James M: chemical engineering, from Indiana Department of Workforce Development, $125,000, "Manufacturing Education Program with a Focus on Rural Indiana Schools: Using Motorsports to Accelerate Development of Indiana’s 21st Century Manufacturing Workforce."

Casteel, Shaun N: agronomy, from Fluid Fertilizer Foundation, $5,000, "Soybean Extension Research."

Casteel, Shaun N: agronomy, from Valen Biosciences Corporation, $4,000, "Soybean Extension Research."

Casteel, Shaun N: agronomy, from Kansas State University, $50,102, "Effect of Cultural Practices on Soybean Seed Quality: a Review and Research Studies."

Casteel, Shaun N: agronomy, from Fluid Fertilizer Foundation, $5,000, "Soybean Extension Research."

Catlin, Ann Christine: RCAC, from Yale University, $2,208, "A Biocological Pediatric HIV Disclosure Intervention in Ghana – Sankofa; Amendment 1, Grant 106395."

Chen, Weinong W: aeronautics & astronautics, from University of Delaware, $11,000, "Real Time Damage Visualization in Composites; Amendment 2; [Grant 108919]."

Chen, Weinong W: aeronautics & astronautics, from Office of Naval Research, $35,000, "Visualization of Composite Damage by Direct Energy.”


Cole, Connie S: nursing, from Indiana Family Health Council, Inc., $67,746, "Lafayette Street Family Health Clinic Title X; Amendment 1, Grant 109330."

Collicott, Steven H: aeronautics & astronautics, from National Aeronautics and Space Administration, $12,000, " RFMG/RRM3 Surface Evolver Modeling."

Collingsworth, Paris D: forestry & natural resources, from University of Illinois, $9,273, "Extending Impact of U.S. EPAs Great Lakes National Program Office Using Sea Grant Outreach Capacity."


Creasy, Miles A: Columbus Polytechnic, from Walmart Foundation, $2,500, "DC 6017 Science, Technology, Engineering & Mathematics (STEM) Education."


Deering, Amanda J: food sciences, from Enviro Technology Chemical Services, Inc, $975, "Efficacy of Biofilm Removal Using Chemical Sanitizers."


Delp, Edward J: electrical & computer engineering, from Indiana University Purdue University at Indianapolis, $121,349, "Center for Advanced Renal Microscopic Analysis."

Dooley, Frank J: Office of the Provost, from Georgia State University, $209,997, "Maaps: Measuring Analytics as Predictors of Success; Amendment 2, (Grant 108168)."

Dydk, Ulrike: health sciences, from Indiana University, $33,710, "Student Support for Emily Diller."

Dzhafarov, Ehtibar N: psychological science, from University of Colorado, $3,850, "Parametric Assumptions and Model Flexibility; Modification 3 (Grant 107333)."

Eisenhauer, Mary Jane: education, from Kankakee Valley REMC, $2,857, "Library Sprouts: Growing through Books and Play."


Esters, Levon T: youth development & agricultural education, from Pioneer Hi-Bred International, Inc., $10,000, "John Deere Map Summer Program."
Farkas to Hu

**Farkas, Brian E:** food sciences, from Colin R or Loretta J Smith, $75, “Multi-Sponsored Gift Fermentation.”

**Farkas, Brian E:** food sciences, from Paul F & Sara A Williams III, $50, “Multi-Sponsored Gift Fermentation.”

**Farkas, Brian E:** food sciences, from Peter Gray, $100, “Multi-Sponsored Gift Fermentation.”

**Fekete, Donna M:** biological sciences, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $377,953, “Development Studies of the Inner Ear.”

**Felisberto Martins Ribeiro, Bruno:** computer science, from Raytheon, $26,846, “Discovering Network Processes in Time-Evolving Networks.”

**Field, William E:** agricultural & biological engineering, from National Institute of Food & Agriculture, $531,000, “National Agrability Project.”

**Flaherty, Elizabeth A; Quinn, Vanessa S and Zollner, Patrick A:** forestry & natural resources, biological sciences, from Association of Public and Land Grant University, $3,000, “Educational Workshop for Improving Student Success While Attending a Professional Conference.”

**Freed, Andrew M:** earth, atmospheric, & planetary science, from National Aeronautics and Space Administration, $97,527, “The Evolution of Large Impact Basins on the Moon, Mercury, and Mars.”

**Gerber, Corey K:** agronomy, from Indiana Soybean Alliance, $2,500, “Crop Scouting Project Competition.”

**Ghosh, Arun K:** medicinal chemistry & molecular pharmacology, from University of California – Santa Cruz, $186,716, “Mechanisms of the Spliceosome Protein SF3B1 and Inhibitors.”

**Giannios, Dimitrios:** physics & astronomy, from National Aeronautics and Space Administration, $49,925, “Relativistic Jets: Acceleration, Dissipation and Interactions with Ambient Gas.”

**Gkritzas, Konstantina** and **Fricker, Jon D:** civil engineering, from Indiana Department of Transportation, $42,500, “Economic Development Impact of Corridor Improvements – SPR 3912.”

**Gletsu-Miller, Nana Adwoa:** nutrition science, from Cura Global Health, Inc, $2,700, “Nana Gletsu-Miller.”

**Goergen, Craig J; Foster, Kirk S and Wodicka, George R:** biomedical engineering, from Bill & Melinda Gates Foundation, $100,000, “Wearable Low-Cost Automated Supine Pressor Test for Prediction of Preeclampsia.”

**Goldberg, David:** mathematics, from U.S. Department of Education, $295,368, “Increasing U.S. Doctorates in Mathematics 2015 Graduate Assistance in Areas of National Need (GAANN).”

**Goodsell, Johnathan Eugene** and **Pipes, R Byron:** aeronautics & astronautics, from University of Tennessee, $82,528, “60 Second Layup and Forming of a Continuous Fiber CFRP Automotive Package Shelf for the Mainstream Market.”

**Goodsell, Johnathan Eugene** and **Sharp, Nathan D:** Composites Manufacturing & Simulations Center, from University of Tennessee, $472,133, “Task 3.2 Optimized Low Cost Carbon Fiber to Enable High Volume Manufacturing of Lightweight Automotive Composites.”

**Guan, Wenjing:** horticulture & landscape architecture, from Clifton Seed Company, $700, “Chris Gunter General Research Activities.”

**Haddock, John E:** civil engineering, from Indiana Department of Transportation, $1,184,411, “Work Plan and Budget Request for Indiana Local Technical Assistance Program 2017-2018.”

**Haines, Melinda D:** visual & performing arts administration, from Arts United of Greater Fort Wayne, $5,000, “Indiana University-Purdue University Fort Wayne (IPFW)/Shruti Indian Performance Series – an Evening in India October 14, 2017.”

**Hall, Tanya J:** field extension educators, from Indiana Public Health Association, $600, “SE Regional CD Voluntary Support.”

**Hamilton, Roy L:** Education Opportunities Program, from Indiana Department of Education, $16,720, “Indiana Department of Education Summer Food Service Program 2017.”

**Han, Bumsoo:** Center for Cancer Research, from Purdue University, $15,539, “Engineering Pancreatic Cancer.”

**Heinz, Michael G:** speech, language & hearing sciences, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $290,109, “Effects of Sensorineural Hearing Loss on Robust Speech Coding.”

**Helie, Sebastien:** psychological science, from University of California-Santa Barbara, $7,983, “The Cognitive Neuroscience of Human Category Learning, Modification 5, Grant 107422.”

**Hertel, Thomas W:** agricultural economics, from Economic Research Institute for ASEAN, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”

**Hertel, Thomas W:** agricultural economics, from World Trade Organization, the, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”

**Hertel, Thomas W:** agricultural economics, from International Trade Centre, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”

**Hertel, Thomas W:** agricultural economics, from Food & Agriculture Organization of the United Nations, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”


**Hirst, Peter M; Ileleji, Klein; Raman, Arvind; Stroshine, Richard L; Torres Bravo, Ariana P and Fabries, Heather P:** horticulture & landscape architecture, agricultural & biological engineering, mechanical engineering, international programs in agriculture, from University of California – Davis, $300,000, “Appropriate Postharvest Handling, Processing, and Marketing of Dried Apricots in Tajikistan.”

**Hogan, Daniel A:** veterinary clinical sciences, from European Society of Veterinary Cardiology, $7,056, “Journal of Veterinary Cardiology Editorial.”

Huang to Liu

**Huang, Libai**: chemistry, from University of Notre Dame, $68,000, “EFRI 2-DARE Monolayer Heterostructures: Epitaxy to Beyond – CMOS Devices; Amendment No. 4, Grant 107551.”

**Huber, Jessica E**: speech, language & hearing sciences, from Speechvive, $163,293, “Development of Telemedicine for Speechvive; Amendment 1, Grant 108381.”

**Hudmon, Karen S**: pharmacy practice, from Indiana University, $57,215, “IU Simon Cancer Center – P30 Supplement for Tobacco Cessation.”

**Hung, Chen-Lung**: physics & astronomy, from Office of Naval Research, $100,000, “Ultracold Molecule Assembly with Photonic Crystals.”

**Irazoqui, Pedro**: biomedical engineering, from Bionode LLC, $76,617, “Chronic Glaucoma Treatment via Wearable Devices Driven by Applied Magnetic Fields.”

**Ivantysynova, Monika**: agricultural & biological engineering, from KYB Corporation, $108,500, “Maha Fluid Power Teaching and Research Laboratory.”

**Iyer, Ananth V**: management, from Indiana Department of Transportation, $80,000, “SPR-4228: Developing a Business Ecosystem Around Autonomous Vehicle Infrastructure in Indiana.”

**Jacob, Zubin**: electrical & computer engineering, from Yale University, $31,060, “Waveguide Nano-SSPD for Advancing the Limits of Photon Detection; Amendment 1, Grant 108552.”

**Jiang, Wen**: biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $485,604, “HBGA Receptors in Host Cell Entry and Infection of Norovirus.”


**Johnson, William G**: botany & plant pathology, from Dow Agro Sciences, $8,000, “Weed Science Research Voluntary Support.”

**Johnson, William G**: botany & plant pathology, from Dow Agro Sciences, $5,000, “Weed Science Research Voluntary Support.”


**Johnston, Cliff T** and **Grant, Richard H**: agronomy, from Ag Spectrum Company, $97,345, “Nitrogen Cycling Associated with Contrasting Managements Systems for Maize Production.”

**Jordan, G Logan; Barron, John M** and **Mumford, Kevin**: management – administration & instruction, economics, from Veterinary Pet Insurance, $49,750, “Veterinary Insurance Data Analysis.”


**Karava, Panagiota; Bilionis, Ilias; Braun, James E; Raymond, Leigh S** and **Reimer, Torsten O**: civil engineering, mechanical engineering, political science, communication, from National Science Foundation, $3,581,912, “SCC-IRG Track 1: Sociotechnical Systems to Enable Smart and Connected Energy-Aware Residential Communities.”

**Key, Nicole L**: mechanical engineering, from Pratt & Whitney Group, $21,600, “Support of Design Work for Adapt Phase 3 Compressor Research.”

**Kim, Hye-Ji**: horticulture & landscape architecture, from Huijia Liu, $3,500, “Huijia Liu Bench Fees.”

**Kim, Hye-Ji**: horticulture & landscape architecture, from Zilong Ye, $3,500, “Zilong Ye Bench Fees.”

**Klimeck, Gerhard**: electrical & computer engineering, from Intel Corporation, $75,000, “Network for Computational Nanotechnology (NCN) Membership.”

**Kramer, Robert A**: Energy Efficiency & Reliability Center, from Indiana Department of Transportation, $30,000, “Indiana Department of Transportation (INDOT) Highway Lighting Support Services.”

**Krogmeier, James V**: electrical & computer engineering, from Wilson Produce LLC, $500, “Open Ag Technology Group.”

**Laird, Carl D**: chemical engineering, from Eli Lilly and Company, $113,552, “Determination of Flexibility and Resiliency of a Manufacturing Process.”

**Lang, Rafael F**: physics & astronomy, from Columbia University, $16,624, “The XENON1T Dark Matter Project: A Project Proposal from the US Institutions of the Xenon Collaboration.”

**Laskin, Alexander**: chemistry, from Pacific Northwest National Laboratory, $129,000, “PNNL Subcontract.”

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

**Lee, Ji Yeon** and **Christ, Sharon L**: speech, language & hearing sciences, human development & family studies, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $149,324, “Word- and Structure-Driven Sentence Production in Aphasia.”

**Lenz, Stephen D**: comparative pathobiology, from Indiana Department of Natural Resources, $42,000, “Diagnostic Evaluation of Chronic Wasting Disease in White-Tailed Deer.”


**Liceaga, Andrea M**: food sciences, from Salm Partners LLC, $3,000, “Multi-Sponsored Gift – Sensory.”

**Liceaga, Andrea M**: food sciences, from Kroger Company, $8,000, “Multi-Sponsored Gift – Sensory.”

**Liu, Xiaorong**: Center for Cancer Research, from University of Wisconsin – Madison, $137,478, “Role of Polo-Like Kinase-1 in Melanocytic Transformation.”
Low to Paniagua Perez

Low, Philip S; chemistry, from Multi-Sponsored Industrials, $307,000, “Hurvis Malaria- Hollow Research.”

Lu, Na; civil engineering, from National Science Foundation, $50,000, “Faculty Early Career Development (CAREER): Investigating Process-Structure-Property Correlations of Nitrides and Oxides for High Temperature Thermoelectric Applications.”

Lu, Yung-Hsiang; electrical & computer engineering, from National Science Foundation, $15,000, “Summit of Software Infrastructure for Managing and Processing Big Multimedia Data at the Internet Scale.”

Lu, Yung-Hsiang; electrical & computer engineering, from Facebook, $40,000, “Real Time Analysis of Visual Data Using.”


Lynall, Matthew D; management, from National Science Foundation, $50,000, “I-Corps: Multimodal Image Perception System.”

MacGowan, Brian J; forestry & natural resources, from Fur Takers of America Inc, $664, “Multi-Sponsored Voluntary Support.”

Mansfield, Charles W; agronomy, from Rubisco Seeds LLC, $4,250, “Corn Research.”

Martin, Chad A; agricultural & biological engineering, from Indiana FFA Foundation Inc, $2,785, “Biofuels Training Contract.”

Mason, Rose A; educational studies, from University of Kansas, $104,381, “I-CONNECT PLUS: Enhancing Community Participation for Adolescents and Adults with ASD Using Online Instruction, Coaching, and Accessible Self-Management Technologies.”

Matson, Eric T; Rayz, Julia M; Springer, John A; Dietz, James Eric and Smith, Anthony H; computer & information technology, from Information & Communication Technology Promotion, $416,644, “K-SouthWest Square – Capstone.”

Matson, Eric T and Smith, Anthony H; computer & information technology, from Argonne National Laboratory, $53,434, “Implementation of Sensor Arrays for a Waggle Stack.”

Maulding, Melissa K; nutrition science, from Survey America, $2,042, “Survey America Gift.”

Maynard, Elizabeth T; horticulture & landscape architecture, from Mark or Lori Sigourney, $500, “Research for 1995 Vegetable Variety Trial Program.”

Maynard, Elizabeth T; horticulture & landscape architecture, from Sakata Seed America Inc., $1,600, “Research for 1995 Vegetable Variety Trial Program.”

Mckee, Renee K; cooperative extension service expenses, from National 4-H Council, $1,000, “NYSD – 4-H Youth Engagement Program.”

Mckee, Renee K; Blankenship, Bonnie T; Frost, Angela Lynn and Ruiz, Yumary; cooperative extension service expenses, health & kinesiology, agriculture – administration, from National Institute of Food & Agriculture, $140,000, “CYFAR-4-H Pals.”

Mei, Jianguo; chemistry, from Ambilight, Inc, $50,000, “Ambilight, Inc.”

Mei, Jianguo; chemistry, from Office of Naval Research, $255,000, “Liquefying Organic Semiconductors.”

Meyer, Scott E; mechanical engineering, from Inspace, LLC, $21,500, “Thruster Development Testing.”

Meyer, Terrence R; mechanical engineering, from Defense Threat Reduction Agency, $300,431, “MHz-Rate Burst-Mode Spectroscopy and Imaging of Temperature and Species in Post-Detonation Fireballs.”

Milisavljevic, Danny; physics & astronomy, from Space Telescope Science Institute, $21,597, “GO-14202.014 (Cycle 23).”

Milisavljevic, Danny; physics & astronomy, from Space Telescope Science Institute, $17,622, “GO-13782.012 (Cycle 22).”

Milisavljevic, Danny; physics & astronomy, from Space Telescope Science Institute, $15,802, “GO-13782.012 (Cycle 21).”

Milisavljevic, Danny; physics & astronomy, from Space Telescope Science Institute, $19,502, “HST14801.”

Miller, Jeffrey T; chemical engineering, from Argonne National Laboratory, $19,996, “X-Ray Absorption Studies of NREL Catalysts; Modification 8, Grant 107610.”

Min, Byung-Cheol and Lee, Sangjun; computer & information technology, from National Institute of Justice, $50,000, “Cybersecurity and Safety Challenges in Autonomous Vehicles: Threats Identification and Countermeasures Development.”

Mohammadi, Mohsen; agronomy, from Agricultural Research Service, $90,000, “Genetics of Resistance to Septoria Diseases in Wheat.”

Morita-Mullaney, Patricia M; Chiu, Ming Ming and Wright, Wayne E; curriculum & instruction, educational studies, from U.S. Department of Education, $243,102, “Leveraging the Lectura Y Lenguaje: A Collaborative Scale Up of Literacy and Language in Indiana Schools.”

Neumeister, Norbert; Jones, Timothy Matthew and Jung, Andreas; physics & astronomy, from Princeton University, $50,000, “U.S Compact Muon Solenoid (CMS) Operations at the Large Hadron Collider.”

Neumeister, Norbert and Hacker, Thomas J; physics & astronomy, computer & information technology, from Princeton University, $377,784, “U.S Compact Muon Solenoid (CMS) Group at Purdue University for Activities Related to the US Compact Muon Solenoid (CMS) Software & Computing Subsystem; Amendment 2, Grant 108774.”

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


Pai, Dhananjay A; mechanical engineering, from Whirlpool Corp, $2,021, “Particle Size and Density.”

Patton to Skrynnikov

**Patton, Aaron J:** horticulture & landscape architecture, from Midwest Regional Turf Foundation, $7,331, “Midwest Regional Turf Foundation.”

**Patton, Aaron J:** horticulture & landscape architecture, from Lebanononurf, $22,800, “Patton Multi-Sponsored #2 (Orig 301226).”

**Patton, Aaron J:** horticulture & landscape architecture, from FMC Corporation, $6,100, “Patton Multi-Sponsored #2 (Orig 301226).”

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

**Pourpoint, Timothee L** and **Anderson, William E:** aeronautics & astronautics, from CRDF Global, $50,000, “Investigation of Root Causes of Combustion Instability; Modification 4; (HQ0147-16-C-6001), Grant 108099.”

**Powley, Terry L** and **Phillips, Robert J:** psychological science, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $627,490, “Autonomic Control of Body Weight and Feeding.”

**Prezzi, Monica** and **Salgado, Rodrigo:** civil engineering, from Indiana Department of Transportation, $70,000, “Phase II Experimental Study of the Load Response of Large Diameter Closed-Ended and Open-Ended Pipe Piles Installed in Alluvial Soil.”

**Pushkar, Yulia N:** physics & astronomy, from CRDF Global, $50,000, “In Situ Spectroscopy of Highly Active and Stable Fe-Based Core-Shell Nanostructured ORR Catalysts for Fuel Cell Technology.”

**Qi, Minghao:** electrical & computer engineering, from Optixpan Semiconductors Inc, $40,000, “Optixpan Semiconductors Voluntary Support.” (a Discovery Park award – Birck Nanotechnology Center)

**Qi, Minghao:** electrical & computer engineering, from Stanford University, $50,000, “Laser Accelerators on a Chip.”

**Raghunathan, Vijay:** electrical & computer engineering, from Semiconductor Research Corporation, $60,000, “Architecting Ultra-Low Power IoT Systems Using Emerging Non-Volatile Memory Technologies; Amendment 1, Grant 209520”

**Rahman, Rajib:** electrical & computer engineering, from University of New South Wales, $145,000, “Donor-Based Silicon Quantum Computing.” (a Discovery Park award – Network for Computational Nanotechnology)

**Ratliff, Timothy L:** Center for Cancer Research, from Purdue University, $5,000, “PCCIR Director Special Projects.”

**Richmond, Douglas Scott:** entomology, from Bayer CropScience, $10,000, “Turfgrass Entomology Research.”

**Rocheford, Torbert R:** agronomy, from Iowa State University, $157,412, “Natural Variation and Drought Responses in Maize Inflorescence Development; Amendment 6 (Grant 106147).”

**Rocheford, Torbert R** and **Schinckel, Allan P:** agronomy, animal sciences, from Nutramaize LLC, $67,992, “Utilizing Natural Variation to Increase the Antioxidant Carotenoid Content in High Yielding Corn Varieties.”

**Rocheford, Torbert R:** agronomy, from HarvestPlus, $60,000, “Genetic Research to Enhance Breeding for Higher Levels of Zinc and Pro-Vitamin a in Maize Grain.”

**Sadeghi, Farshid:** mechanical engineering, from Caterpillar Inc., $436,767, “Cat Bearing Cartridge Supported Turbocharger Lubrication, Friction and Aerodynamics Study.”


**Sandhage, Kenneth H:** materials engineering, from Rolls-Royce Corporation, $85,771, “Demonstration of Discrete Solidification of Melt Infiltration.”


**Savaiano, Dennis A:** nutrition science, from National All Jersey, $20,000, “Savaiano Voluntary Support.”

**Schneider, Steven P:** aeronautics & astronautics, from Office of Scientific Research, $472,345, “Experimental Studies of Instability and Transition in a Mach-6 Quiet Tunnel.”

**Schneider, Steven P:** aeronautics & astronautics, from Office of Naval Research, $141,435, “Laminar Flow Control in a Hypersonic Quiet Nozzle Using Wall Suction: Feasibility Studies.”

**Schoenlein, William E** and **Durkes, Abigail C:** biomedical engineering, comparative pathology, from Cook Research Incorporated, $106,921, “Pre-Clinical Device Testing Agreement; Studies: CI-SPPK, CI-PATR, CI-PMST, CI-SCNH, CI-GALT, CI-SCAC, CI-NKCA, CI-PMS2, CI-VARB, CI-THP1, POC and Sentinels.”

**Scott-Moncrieff, Joanna C R:** veterinary clinical sciences, from North Central Veterinary Emergency Center LLC, $8,846, “ECC Residency Training Program.”


**Sesmero, Juan P:** agricultural economics, from George Mason University, $141,914, “Watersmart: a Cyberinfrastructure-Based Integrated Agro-Geoinformatic Decision-Support Web Service System to Facilitate Informed Irrigation Decision-Making.”

**Sjogren, Jenny B:** medicinal chemistry & molecular pharmacology, from American Heart Association, $45,574, “Targeting Molecular Mechanisms of RGS2 Protein Degradation for Novel Cardiovascular Therapeutics (210164 Xfer Remaining Balance from MSU).”

**Skrynnikov, Nikolai R:** chemistry, from Ohio State University, $28,952, “Structural and Dynamic Studies of Histone Tails in Chromatin by Magnetic Resonance Spectroscopy; Amendment 1, Grant 108796.”
Son to Van Der Mensbrugghe

Son, Steven F; mechanical engineering, from Office of Naval Research, $7,000, “Advances and Upcoming Research Strategies in Reactive Materials, Fall 2017 MRS.”

Son, Steven F; mechanical engineering, from Northeastern University, $500, “Small-Scale Characterization of Homemade Explosives (HEMs).”

Son, Steven F; mechanical engineering, from University of Michigan, $70,000, “Theory and Experiment of Cocrystals: Principles, Synthesis and Properties; Amendment 5, Grant 106820.”

Son, Steven F; Lucht, Robert P and Ramachandran, P Veeraraghavan; mechanical engineering, chemistry, from US Army Research Laboratory, $62,407, “Surface Chemistry and Combustion Behavior of Hypergolic Solid Fuels.”

Son, Steven F; mechanical engineering, from Northeastern University, $61,191, “Christian Sorensen – Center of Excellence for Awareness and Localization of Explosives–Related Threats (ALERT).”

Song, Xiaohui Carol; RCAC, from University of Illinois at Champaign – Urbana, $139,039, “XSEDE 2.0: Integrating, Enabling and Enhancing National Cyberinfrastructure with Expanding Community Involvement; Amendment 2 (Grant 108631).”

Sors, Thomas G and Weaver, Connie M; Life Science Initiatives, Purdue Institute of Inflammation, Immunology & Infectious Disease, from Indiana Clinical & Translational Science Institute, $1,000, “Indiana Clinical and Translational Sciences Institute (CTSI) Distinguished Speaker Award – Sors/Weaver;” (a Discovery Park award – Life Science Initiatives)

South, Susan C and Foti, Daniel J; psychological science, from Indiana Clinical & Translational Science Institute, $20,000, “Social Context and Neural Markers of Vulnerability to Depression.”

Spencer, David A; aeronautics & astronautics, from Jet Propulsion Laboratory, $151,751, “Rendezvous and Capture of an Orbiting Sample.”

Staiger, Christopher J; botany & plant pathology, from FMC Corporation, $2,250, “Voluntary Support Account.”

Staiger, Christopher J; botany & plant pathology, from FMC Corporation, $5,000, “Voluntary Support Account.”

Stefancik, Jennifer L; field extension educators, from The Glick Fund, $7,500, “Feeding Those in Need.”

Strachan, Alejandro H; materials engineering, from Sandia National Laboratories, $91,125, “Atomic Simulations of Reactive Al/Co Laminates.” (a Discovery Park award – Network for Computational Nanotechnology)

Strachan, Alejandro H; Chen, Weinong W; Koslowski, Marisol; Ortalan, Volkau and Son, Steven F; materials engineering, aeronautics & astronautics, mechanical engineering, from Office of Naval Research, $1,030,415, “Pc@Xtreme – Predictive Chemistry & Physics at Extreme Temperature and Pressure.”

Strachan, Alejandro H; Chen, Weinong W; Koslowski, Marisol; Ortalan, Volkau and Son, Steven F; materials engineering, aeronautics & astronautics, mechanical engineering, from Office of Naval Research, $200,000, “Pc@Xtreme – Predictive Chemistry & Physics at Extreme Temperature and Pressure: Molecules.”

Subbarayan-Shastri, Ganesh; mechanical engineering, from Texas Instruments, Inc., $65,000, “Texas Instruments, Inc.”

Sudhoff, Scott D; electrical & computer engineering, from National Renewable Energy Laboratory, $33,333, “Sunlamp Ampv1: Develop Magnetics Design Optimization Tool and Design and Construct Optimized Power Magnetics, Modification 9, Grant 108167.”

Sudhoff, Scott D; electrical & computer engineering, from Florida State University, $26,280, “Purdue 2017-2021 Esrdc Efforts; Amendment 5; (Grant 108689).”


Tanamachi, Robin L; earth, atmospheric, & planetary science, from National Science Foundation, $592,759, “Collaborative Research: Polarimetric Tornado Precursor Signatures.”

Tarko, Andrew P and Thomaz, Jose E; civil engineering, from Indiana Criminal Justice Institute, $115,000, “2016-17 Indiana Safety Belts Survey and Codes Project.”

Thompson, David H; Center for Cancer Research, from Purdue University, $5,500, “Evaluation of Peptide-Targeted Agents for Improved Detection and Immunotherapeutic Treatment of Bladder Tumors in Mice.”

Thompson, David H; chemistry, from Rutgers State University, $88,814, “Mechanisms of Cholesterol Transport by Npc Proteins; Modification 2, Grant 108429.”

Tormoehlen, Roger L; agricultural & biological engineering, from John Deere Agricultural US, $2,500, “Multi-Sponsored Gift.”

Trice, Rodney W; materials engineering, from Air Force Office of Scientific Research, $92,084, “Phase II: Design and Assessment of Multifunctional Coatings for Ablation and Emissivity Performance.”

Tsoukalas, Leftferi and Choi, Chan K; nuclear engineering, from North Carolina State University, $320,000, “Proposal for a Consortium for Nonproliferation-Enabling Capabilities; Amendment 3, Grant 107272.”

Turco, Ronald F; agronomy, from Indiana State Poultry Association, Inc., $1,250, “St Mary Watershed Voluntary Support (Cost Share for 16099346).”

Turco, Ronald F; agronomy, from Indiana Pork Producers Association Inc., $3,500, “St Mary Watershed Voluntary Support (Cost Share for 209968).”


Vacc, Andrea; agricultural & biological engineering, from National Fluid Power Association, $1,000, “Multi-Sponsored Gift.”


Van Der Mensbrugghe, Dominique Y; Corong, Erwin L and Aguilar, Angel H.; agricultural economics, from World Trade Organization, the, $92,241, “WTO Global Trade Model.”
Volene to Zhuang

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

Voyles, Richard M; engineering technology, from Tupperware, $5,000, “Rose-Hub Membership (Members Cost Shared on 107355).”

Wang, He; computer science, from Futurewei Technologies Inc, $50,000, “Futurewei Technologies.”

Weaver, Connie M and Nakatsu, Cindy H; nutrition science, from Pennsylvania State University, $69,640, "Randomized Control Trial of Dietary Supplementation with Dried Plums on Bone Density, Geometry and Estimated Bone Strength in Postmenopausal Women.”

Weaver, Connie M; nutrition science, from California Dried Plum Board, $10,000, “Multi-Sponsored Gift.”

Webb, Kevin J; electrical & computer engineering, from Army Research Office, $60,000, “The Optomechanical Response of Nanostructured Materials.”


Wei, Alexander; chemistry, from American Chemical Society, $110,000, “Field-Effect Catalysis in Continuous-Flow Synthesis.”

Weiner, Andrew M; electrical & computer engineering, from Naval Research Laboratory, $100,000, “Hybrid Electro-Optic / Microresonator Comb Generation for Radio Frequency (RF) Photonic Applications.”

Wilker, Jonathan J; chemistry, from Office of Naval Research, $64,732, “Biomimetic Adhesives Delivered Underwater, with Charges, and from Renewable Resources.”

Wirth, Mary J; chemistry, from Pfizer Inc, $100,000, “Magnetic Beads and Bonded Phases for Protein Separations.”

Won, You-Yeon; Center for Cancer Research, from Purdue University, $6,000, “In Vivo Pharmacological Evaluations of Novel Chemo-Radio Combination Therapeutic Agents Following Intratumoral Administration in Head and Neck Cancer Xenograft Mice.”

Xu, Dongyan; Bhargava, Bharat; Bagchi, Saurabh; Ghaffoor, Arif and Kate, Aniket Pandlik; computer science, electrical & computer engineering, from Northrop Grumman Corporation, $580,780, “Northrop Grumman Research Agreement Modification 8.” (a Discovery Park award – Center for Education and Research in Information Assurance and Security [CERIAS])

Xu, Dongyan and Zhang, Xiangyu; computer science, from Sandia National Laboratories, $89,205, “Automated Threat Modeling for Cyber Security Analytics and Emulation.”

Ye, Peide; electrical & computer engineering, from Army Research Office, $75,000, “Ballistic Phosphorene Transistor.”

Ye, Peide; electrical & computer engineering, from Applied Materials, $48,000, “Amat Gift.” (a Discovery Park award – Birck Nanotechnology Center)

Yeo, Yoon; industrial & physical pharmacy, from Egyptian Cultural and Educational Bureau, $3,500, “Hassan Tamam Voluntary Support – Yeo.”

Yih, Yuehwen; Haque, Md Munirul; Lee, Seokcheon; Burniske, Andrea E and Griffin, Paul M; industrial engineering, global engineering programs, from Bill & Melinda Gates Foundation, $100,000, “Demand Sensing and Digital Tracking for MCH in Uganda.”

Young, Bryan G; botany & plant pathology, from Land O’Lakes Inc., $9,600, “Multi-Sponsored Gift Account.”

Youngblood, Jeffrey P and Trice, Rodney W; materials engineering, from Office of Naval Research, $125,000, “Injection Molding and Additive Layer Manufacturing of Boron Carbide for Ballistic Testing.”

Yu, Wenbin; aeronautics & astronautics, from Dassault Systemes Inc, $50,000, “CDM HUB (Consortium).”

Zhang, Zhong-Yin and Chen, Lan; medicinal chemistry & molecular pharmacology, Purdue Institute for Drug Discovery, from Indiana University, $93,000, “Development of an HTS Assay for Discovery of HBV cccDNA Inhibitors; Amendment 1, Grant 108763.”

Zhou, Chenn Qian; mechanical & civil engineering, from Stelco, $25,000, “Steel Manufacturing Visualization and Simulation Consortium (SMVSC) Membership.”

Zhou, Daoguo and Tao, Weiguo Andy; biological sciences, biochemistry, from PHS-NIH National Institute of Allergy and Infectious Diseases, $182,239, “Novel Type IV Effectors from Helicobacter Pylori.”

Zhuang, Qianlai; agronomy, from Chapman University, $156,459, “Understanding Mechanistic Controls of Heterotrophic CO2 and CH4 Fluxes in a Peatland with Deep Soil Warming and Atmospheric CO2 Enrichment, AM 2, Grant 108045.”

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