Abebe, Ephrem; pharmacy practice, from Indiana Clinical and Translational Sciences Institute, $10,802, "Medication Access and Safety for Children with Special Healthcare Needs During the COVID-19 Pandemic."

Ajuwon, Kolapo; animal sciences, from United Animal Health, $2,000, "Nutritional Physiology Program."

Alam, Muhammad A; electrical & computer engineering, from Texas Instruments, Inc., $40,000, "Texas Instruments Gift."

Alexenko, Alina; aeronautics and astronautics, from Pfizer Inc, $10,000, "LyoHub Consortium-Pfizer."

Alexenko, Alina; aeronautics and astronautics, from Genzyme Corporation, $10,000, "LyoHub Consortium-Genzyme Corporation."

Bane, Sally M; aeronautics and astronautics, from Ross Graduate Fellowship-Assistantship, $4,900, "2017-18 Ross Fellowships/Assistantships – Graduate School (71000048)."

Baributsa, Dieudonne; entomology, from Paige Ebner, $417, "Pics Voluntary Support."

Beaudoin, Stephen P; chemical engineering, from Sandia National Laboratories, $62,253, "Sandia Academic Alliance Fellowship for Cara Stevenson."

Behrend, Tara Sheleye; psychological sciences, from National Science Foundation, $27,395, "NSF Vsee Appointment."

Bertino, Elisa; computer science, from Intel Corporation, $45,000, "Voluntary Support – Bertino."

Bhargava, Bharat; computer science, from Sandia National Laboratories, $75,000, "Moving Target Defense for Space Systems."

Bhargava, Bharat; computer science, from Multi-Sponsored Industrials, $200,000, "Bhargava – Northrop Grumman Realm."

Bhunia, Arun K; food science, from United Animal Health, $7,000, "Shuttleworth North America."

Bigelow, Cale A; horticulture and landscape architecture, from The Scotts Company, $10,000, "Putting Greens Research."

Bobet, Antonio; civil engineering, from Indiana Department of Transportation, $6,320, "Improved Reliability of Fwd Tests Results and Correlation with Resilient Modulus."

Boltsasseva, Alexandra; Chen, Yong P and Shalaev, Vladimir M; electrical & computer engineering, physics & astronomy, from University of Southern California, $483,750, "MURI is: Novel Light-Matter Interactions in Topologically Non-Trivial Weyl Semimetal Structures and Systems." (a Discovery Park award – Birck Nanotechnology Center)

Bowling, Laura C; Casteel, Shaun N and Cherkauser, Keith A; agronomy, agricultural & biological engineering program, from Indiana Soybean Alliance, $74,226, "Recycling Drainage Water to Improve Soybean Yields and Water Quality."

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

Braun, James E; mechanical engineering, from Emerson Climate Technologies, $50,000, "Center for High Performance Building Consortium-Emerson Climate."

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

Braun, James E; mechanical engineering, from Carrier Corporation, $75,000, "Multi-Sponsor Voluntary Support – James Braun."

Braun, James E; Groll, Eckhard A and Ziviani, Davide; mechanical engineering, from Danfoss, $179,095, "Screw Chiller/Compressor Long-Term Performance Degradation Study (Phase II – Degradation Study)."

Bullock, Darcy M; civil engineering, from Indiana Department of Transportation, $80,000, "SPR-4252 Forensic Investigations."

Caffee, Marc W; physics & astronomy, from U.S. Geological Survey, $10,290, "Cosmogenic Nuclide Analysis."

Caldwell, Barrett S; industrial engineering, from University of Evansville, $1,000, "NSGC Affiliate Dues-University of Evansville (2020-21)."

Caldwell, Barrett S; industrial engineering, from Anderson University, $1,000, "NSGC Affiliate Dues-Anderson University (2020-21)."

Chan, Stanley H; electrical & computer engineering, from Intel Corporation, $10,000, "Multi Sponsor – Voluntary Support."

Chen, Zihong; Appenzeller, Joerg and Gupta, Sumeet Kumar; electrical & computer engineering, from Semiconductor Research Corporation, $1,747,677, "New Materials for Logic, Memory and Interconnects (New Limits) – Years 4 and 5." (a Discovery Park award – Birck Nanotechnology Center)

Christ, Sharon L; human development and family studies, from Michigan State University, $9,740, "Developmental Trajectories to Stuttering Persistence and Recovery."

Christian, John A; comparative pathobiology, from IDEXX Laboratories, Inc., $9,440, "Idexx “Procyte” Hematology Analyzer Field Study."

Claxton, Laura J and Haddad, Jeffrey M; health & kinesiology, from New York University, $27,394, "Play & Learning Across a Year (Play)."

Cochran, David S; systems engineering, from Davaus, $25,000, "Indiana Innovation Vouchers Project: Industrial Hemp Research Initiative."

Connor, Robert J; civil engineering, from Indiana Department of Transportation, $121,785, "SPR-4535: Development of a Formalized Program for In-Service Inspection of Pedestrian Bridges."

Cooks, Robert Graham; chemistry, from Agilent Technologies, $75,000, "Chemistry Research."

Cooks, Robert Graham; chemistry, from Waters Technologies Corporation, $80,000, "Increased Performance in Cancer Diagnostics Using the Waters Synapt."

Couglet, Laurent L and Ivester, Kathleen M; veterinary clinical sciences, from Nortev Ltd, $22,442, "Efficacy and Safety of Nebulized Dexamethasone in Mild Asthmatic Horses."
Creswell to Hountz

Creswell, Tom C; botany & plant pathology, from Michigan State University, $10,976, “National Plant Diagnostic Network – North Central Region 2020-21.”

Cruz-Porter, Annie K; Kumar, Indraneel and Rigrish, Julie D; Purdue Center for Regional Development, from Floyd County, $76,000, “Floyd County Housing Data Snapshot.”


Davison, Vincent Jo; medicinal chemistry & molecular pharmacology, from Amplified Sciences, LLC, $155,497, “Chemical Sensors for Early Detection.”

Davison, Vincent Jo and Knipp, Gregory Thomas; medicinal chemistry & molecular pharmacology, from Brigham and Women's Hospital, $326,393, “Pharmaceutical Sciences Core for Advancing Novel Cyanide Countermeasures; Amendment 1; Grant 11000947.”

Delauurentis, Daniel A; aeronautics and astronautics, from Northrop Grumman Corporation, $90,000, “Northrop Grumman Realm.”

Deshmukh, Abhijit V; industrial engineering, from Purdue Doctoral Program, $32,677, “2020-21 Purdue Doctoral Fellowships/Assistantships – Graduate School (71000068).”

DeWoody, James Andrew; forestry & natural resources, from Texas A&M AgriLife Research, $71,663, “Pupfish Population Genomics (Grant 13000800).”

Dou, Lietan; chemical engineering, from National Renewable Energy Laboratory, $50,000, “American-Made Solar Prize.”

Doucette, Suzanne C; chemistry, from U.S. Department of Energy, $172,427, “Synthetic, Spectroscopic & Computational Studies of Redox-Active Uranium Complexes for Fundamental Organometallic Reactions (Grant 14000212).”

Dydk, Ulrike; health sciences, from Feinstein Institute for Medical Research, $35,940, “Relationships Between Neuroactive Steroids, Gaba and Glutamate Mrs and Connectivity of the Default Mode Network in Postpartum Depression.”

Ejeta, Gebisa and Burniske, Gary R; agronomy, from International Research & Exchange Board, $23,063, “Mandela Washington Fellowship for Young African Leaders (Grant 1920028).” (a Discovery Park award – Birck Nanotechnology Center)

Erasmus, Marisha A; animal sciences, from Big Dutchman Group, $50,410, “Big Dutchman Smart Broiler Initiative.”

Everly, Robert M; chemistry, from Indiana University School of Medicine, $10,900, “Testing Hydrodynamic Isotonic Saline Delivery Effects on Kidney Cellular Integrity.”

Flaherty, Daniel P; Watts, Val J and van Rijn, Richard M; medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute Neurological Disorders and Strokes, $376,148, "Pharmacological Validation of Adenyl Cyclase 1 as Drug Target for Chronic Pain.”

Flaherty, Elizabeth A; forestry & natural resources, from Association of Public and Land Grant Universities, $5,000, "Multi Sponsor.”

Garner, Allen L; nuclear engineering, from Office of Naval Research, $100,001, “Improving Performance of Crossed-Field Amplifiers through Modulation Injection.”

Ghosh, Arun K; chemistry, from National Center Global Health Medicine, $1,116, “Development of Novel Compounds Against RNA-Dependent, RNA Polymerase (Rdrp) Enzyme Target that Exert Potent Activity Against Sars-Cov-2 and Related Viruses.”

Gibson, Kevin D; botany & plant pathology, from Alfred P. Sloan Foundation, $99,325, “Improving Admission Practices and Mentoring for Graduate Students.”

Ginzel, Matthew D; entomology, from Arbor America Inc, $5,050, “Multi Sponsor.”

Ginzel, Matthew D; forestry & natural resources, from University of Tennessee, $10,850, “Extending the Reach of Rapid Diagnostics with Detection Tools for Oak Wilt and Laurel Wilt Diseases in Urban Forests.”


Gowher, Humaira; biochemistry, from National Science Foundation, $50,000, “Role of Divergent Incrnas in Transcriptional Priming and Enhancer-Mediated Activation of Nearby Genes (Grant 10001224).”

Groll, Eckhard A; mechanical engineering, from QM Power, Inc., $20,000, “Multi Sponsor – Groll.”

Groll, Eckhard A; mechanical engineering, from National Renewable Energy Laboratory, $60,000, “Energy Design and Scoping Tool for DC Distribution Systems.”

Guan, Wenjing; horticulture and landscape architecture, from Sakata Seed America Inc, $150, “General Research Activities.”

Guan, Wenjing; horticulture and landscape architecture, from Sakata Seed America Inc, $1,050, “General Research Activities.”

Guan, Wenjing; horticulture and landscape architecture, from Nunhems Seed Corporation, $1,200, “General Research Activities.”

Guan, Wenjing; horticulture and landscape architecture, from Syngenta Seeds, Inc., $4,500, “General Research Activities.”

Gupta, Sumeet Kumar; electrical & computer engineering, from Semiconductor Research Corporation, $85,000, “Material, Device and Circuit-Compatible Modeling for Ferroelectric and Anti-Ferroelectric FETs, AM 1; Grant 40002878 (2020-Lm-2959; Amendment No. 1).”

Guizey, Sukru; civil engineering, from Baker Consulting Group, $39,000, “Analysis and Design of Fixed Equipment.”

Habib, Ayman F and Bullock, Darcy M; civil engineering, from Indiana Criminal Justice Institute, $241,599, “UAS-Based Crash Scene Mapping,”

Hamaker, Bruce R; food science, from Rockefeller Foundation, $52,500, “Technical Support to the Rockefeller Foundation Wholegrain Initiative.”

Hertel, Thomas W; agricultural economics, from Inter-American Development Bank, $20,435, “GTAP Consortium-Adp.”

Hertel, Thomas W; agricultural economics, from KPMG, $20,435, “GTAP Consortium-Kpmg.”

Hosseini, Mahdi; electrical & computer engineering, from Guided Particle Systems, Inc, $75,000, “AFWERX STTR Phase II.” (a Discovery Park award – Birck Nanotechnology Center)

Hountz, Randall A and Stewart, Natalie M; industrial engineering, from Indiana Family & Social Services Administration, $2,188,542, “Statewide Medicaid – Eligible Incentive Meaningful Use Assistance.” (a Discovery Park award – Regenstrief Center)
Hwang to Lucht

Hwang, Inseok; Pitts, Brandon J; Reid Smith, Tahira and Sundaram, Neera J; aeronautics and astronautics, industrial engineering, mechanical engineering, from National Science Foundation, $406,262, “CPS: Frontier: Collaborative Research: Cognitive Autonomy for Human CPS: Turning Novices into Experts (Grant 10001608 Amend #1).”

Ishii, Mamoru; nuclear engineering, from Rensselaer Polytechnic Institute, $26,665, “Development of an Intelligent Coupling Approach for Modeling and Prediction of Cryogenic Propellant Behaviors in Microgravity During Long-Term Storage; Amendment 1; Grant 12000332.”

Ishii, Mamoru; nuclear engineering, from Fluor Marine Propulsion, $69,111, “Four-Sensor Conductivity Probe Data Transmittal for Bettis Use.”

Iyer, Ananth V and Dunlop, Steven R; management, DCMME/GSCMI, from Indiana Department of Transportation, $120,000, “SPR 4508 – Forecasting Freight Logistics.”

Jagannathan, Suresh; computer science, from Galois, Inc, $11,669, “SPARTA – the Secure Parser Toolkit for Assurance; Amend #5; Grant 13000753.”


Jayant, Krishna; biomedical engineering, from Howard Hughes Medical Institute, $2,100, “The Nanoneedle-Net: a Nanoelectrode Array for Dendritic Recordings, Year 2; Grant 41000665.”

Jiang, Yi; construction management technology, from Indiana Department of Transportation, $40,000, “SPR-4442: Highway Lighting Test Bed on INDOT Facility.”


Johnson, William G; botany & plant pathology, from Sipcam Agro USA, Inc, $13,500, “Weed Science Research Volunteer Support.”

Johnson, William G; botany & plant pathology, from AMVAC Chemical Corporation, $15,000, “Weed Science Research Volunteer Support.”

Johnston, Cliff T; agronomy, from Clay Minerals Society, The, $7,892, “Memorandum of Understanding Between Department of Agronomy Purdue University and Clay Mineral Society.”

Jun, Martin Byung-Guk; mechanical engineering, from Kyungpook National University, $7,504, “IoT and AI Based Machine Monitoring and Ar/Vr-Based Human Interaction and Decision Making.”

Jung, Byunghoo; electrical & computer engineering, from Korea Electronics Technology Institute, $16,848, “Ultra-High-Speed and Low-Power Optical Transceiver Components Based on Optoelectronic Integration Technology.”

Jung, Jinha; civil engineering, from Texas A&M University, $9,999, “Estimated Early Cotton Plot Quality Using UAS Data.”

Karcher, Darrin M; animal sciences, from BioMatrix Inc, $9,380, “Poultry Research.”

Karcher, Darrin M; animal sciences, from BioMatrix Inc, $10,000, “Poultry Research.”

Key, Nicole L; mechanical engineering, from Rolls-Royce, Inc., $75,000, “Impeller Modifications Including Gen 3 Hardware.”

Key, Nicole L; mechanical engineering, from Office of Naval Research, $142,680, “Research on Casing Treatments for Performance Enhancement of High-Speed Fans; Modification 1; Grant 13000783.”

Kim, Young L; biomedical engineering, from Vanderbilt University Medical Center, $5,894, “Higher Education Partnership for Innovation and Sustainable Biomedical Informatics Capacity in Kenya.”

Kim, Young L; biomedical engineering, from PHS-NIH National Institute Biomedical Imaging/Bioeng, $400,000, “NIH Technology Accelerator Challenge Award.”

Koslowski, Marisol; mechanical engineering, from Lynn Interdisciplinary Grad. Fellowship, $31,668, “2020-21 Lynn Interdisciplinary Graduate Fellowship/Assistantship – Graduate School (Grant# 71000066).”

Kroghmeier, James V; electrical & computer engineering, from National Pork Board, $10,000, “Open Ag Technology Group.”

Labi, Samuel; electrical & computer engineering, from Office of Naval Research, $125,000, “Investigating Surface Interactions with Levitated Optomechanics at the Quantum Limit (Grant 13000647 Modification P4).”

Li, Tongcang and Robicheaux, Francis J; electrical & computer engineering, physics & astronomy, from Office of Naval Research, $125,000, “Evaluation of Polyphenol Content in Diets Used for Farmed, Edible Crickets.”

Lin, Dennis KJ; statistics, from PHS-NIH National Institute of General Medical Science, $251,327, “An Imputation-Consistency Algorithm for Biomedical Complex Data Analysis; Modification 5 – Grant #11000701.”

Liceaga, Andrea M; food science, from The Hain Celestial Group, Inc., $150,000, “Multi Sponsored Gift- Sensory.”

Liceaga, Andrea M; food science, from Aspire Food Group USA Inc, $38,872, “Evaluation of Polyphenol Content in Diets Used for Farmed, Edible Crickets.”

Low, Philip S; chemistry, from MorphImmune, Inc, $43,750, “Multi Sponsor – Volunteer Support.”

Low, Philip S; chemistry, from Trask Trust Fund, $300,000, “Trask Support.”

Lu, Yung-hsiang; electrical & computer engineering, from Google Inc, $40,000, “Multi Sponsor – Volunteer Support.”

Lu, Yung-hsiang; electrical & computer engineering, from Google Inc, $80,000, “Multi Sponsor – Volunteer Support.”

Lucht, Robert P; aeronautics and astronautics, from Blue Origin, LLC, $22,765, “Femtosecond Coherent Anti-Stokes Raman Scattering Measurements for Rocket Propulsions.”

Lechtenberg, Victor Louis; President administration, from Indiana University, $10,000, “Support of Southeastern SBDC.”

Li, Tongcang and Robicheaux, Francis J; electrical & computer engineering, physics & astronomy, from Office of Naval Research, $125,000, “Investigating Surface Interactions with Levitated Optomechanics at the Quantum Limit (Grant 13000647 Modification P4).”

Liang, Faming; statistics, from PHS-NIH National Institute of General Medical Science, $251,327, “An Imputation-Consistency Algorithm for Biomedical Complex Data Analysis; Modification 5 – Grant #11000701.”

Liceaga, Andrea M; food science, from The Hain Celestial Group, Inc., $150,000, “Multi Sponsored Gift- Sensory.”

Liceaga, Andrea M; food science, from Aspire Food Group USA Inc, $38,872, “Evaluation of Polyphenol Content in Diets Used for Farmed, Edible Crickets.”

Lin, Dennis KJ; statistics, from Lynn Interdisciplinary Graduate Fellowship, $31,668, “2020-21 Lynn Interdisciplinary Graduate Fellowship/Assistantship – Graduate School.”

Low, Philip S; chemistry, from MorphImmune, Inc, $43,750, “Multi Sponsor – Volunteer Support.”

Low, Philip S; chemistry, from Trask Trust Fund, $300,000, “Trask Support.”

Lu, Yung-hsiang; electrical & computer engineering, from Google Inc, $40,000, “Multi Sponsor – Volunteer Support.”

Lu, Yung-hsiang; electrical & computer engineering, from Google Inc, $80,000, “Multi Sponsor – Volunteer Support.”

Lucht, Robert P; aeronautics and astronautics, from Blue Origin, LLC, $22,765, “Femtosecond Coherent Anti-Stokes Raman Scattering Measurements for Rocket Propulsions.”
Lusk to Reklaitis

Lusk, Jayson L; agricultural economics, from Foundation for Food and Agriculture Research, $221,743, “Food and Agricultural Vulnerability Index.”

McMillan, Sara K; agricultural & biological engineering program, from Graduate Women in Science, $10,000, “Participation in the Urban Riverscape: an Exploration of the Role of Rivers? Rhythms.”

Meyer, Scott E; mechanical engineering, from Blue Origin, LLC, $88,710, “Blue Origin H2O2 Thruster Testing.”


Meyer, Terrence R; Goldenstein, Christopher S and Son, Steven F; mechanical engineering, from Sandia National Laboratories, $898,000, “Sandia Light Speed Grand Challenge.”

Milisavljevic, Danny; physics & astronomy, from Space Telescope Science Institute, $15,680, “Towards a Comprehensive Search for Surviving Companions to Stripped-Envelope Supernovae.”


Miller, Monica L; Karwa, Rakhi and Zillich, Alan J; pharmacy practice, from One to One Health, $69,545, “One to One COVID Tracing.”

Mishra, Dharmendra K and Ambrose, Rose Prabin Kingsly; food science, agricultural & biological engineering program, from Mead Johnson Nutritionalities, $8,000, “Fouling of Infant Formula.”

Mishra, Dharmendra K; food science, from Foreign Agricultural Service, $45,176, “Hosting Borlaug Fellow from #1 from Egypt: Food Contact Material Assessment.”

Mishra, Dharmendra K; food science, from Mead Johnson Nutritionalities, $9,600, “Prediction of Cold Spot Temperature in Product Packed in Kraft Paper Bag.”

Mishra, Dharmendra K; food science, from Mead Johnson Nutritionalities, $6,000, “Lactoferrin Efficacy for Antimicrobial Activity.”

Mishra, Dharmendra K; food science, from Octavio Hernandez, $100, “Multi Sponsored Gift.”

Mohammadi, Saeed; Shakouri, Ali and Glassmaker, Nicholas J; electrical & computer engineering, from Jet Propulsion Laboratory, $150,000, “Micro-Meteorite Sensing Platform for 8”x2 Meter Flexible Panel.” (a Discovery Park award – Birck Nanotechnology Center)

Mort, Paul R and Wassgren, Carl R; materials engineering, mechanical engineering, from Sandia National Laboratories, $88,290, “Model-Directed Powder Flow; Amendment 1; Grant 14000464.”

Mott, John H; aviation and transportation technology, from Old Dominion University Research Foundation, $12,000, “Developing a Cost-Effective Assessment Method of Noise Impact for Non-Towered Airports: a Case Study at Purdue University Airport.”

Mou, Shaoshuai; aeronautics and astronautics, from Northrop Grumman Corporation, $161,333, “Northrop Grumman Realm.”

Murawski, Matthew M; pharmacy practice, from Eli Lilly and Company Foundation, $1,000, “Multi Sponsor – Voluntary Support.”

Nagy, Zoltan; chemical engineering, from International Fine Particle Research Institute Inc., $12,000, “IFPRI Gift.”

Nagy, Zoltan; chemical engineering, from Enabling Technologies Consortium, $130,000, “User-Friendly Population Balance Model with Data Integration for Crystallization Development (Grant 40002003).”

Narimanov, Evgeniy; electrical & computer engineering, from University of California – Berkeley, $55,000, “Supplement: a Highspeed Superlens Nanoscope for Imaging at 10 nm and Beyond (Grant 40001866 Amendment #6).” (a Discovery Park award – Birck Nanotechnology Center)

Oakes, William C and Martinez, Jorge L; engineering education, Engineering Projects in Community Service, from Institute of Electrical Electronics Eng, $10,000, “EPICS Natural Disaster Preparedness – Filtration Project.”


Paladino, Frank V; biology, from Earthwatch, $146,520, “Costa Rican Sea Turtles (2020-2021).”

Parashar, Neeti; chemistry & physics, from Cornell University, $2,722, “U.S. CMS Upgrades for the High-Luminosity Large Hadron Collider.”

Park, Jae Hong; health sciences, from University of Michigan, $20,000, “Development of a Sampler for the Rapid and Convenient Detection of Airborne Pathogens.”

Parsons, Paul; computer graphics technology, from University of California – San Diego, $14,600, “$221: Impls: the Science Gateways Community Institute (Sgci) for the Democratization and Acceleration of Science (Grant 10001098 Modification 8).”


Powley, Terry L and Phillips, Robert J; psychological sciences, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $626,687, “Autonomic Control of Body Weight and Feeding (Grant 11000571).”

Raghothama, Kashchandra G and Dickson, Amanda J; horticulture and landscape architecture, from Partners of the Americas Foundation, $300,000, “Farmer-to-Farmer Trinidad and Tobago.”

Ramanathan, Shriram; materials engineering, from Air Force Office of Scientific Research, $150,000, “Neutron Reflectometry and X-Ray Scattering Studies on Dopant Injection Dynamics into Correlated Nickelates (Grant 13000754).”


Reibman, Amy R and Deering, Amanda J; electrical & computer engineering, food science, from Indiana State Department of Agriculture, $179,253, “Hand Hygiene Verification Using Video Analytics.”

Reklaitis, Gintaras V; Gonzalez, Marcial and Nagy, Zoltan; chemical engineering, mechanical engineering, from University of Delaware, $968,616, “Industry 4.0 in Advancing Continuous Pharmaceutical Manufacturing.”
Rhoads to Subbarayan-Shastri

Rhoads, Jeffrey Frederick and Kurtulus, Orkan; mechanical engineering, from Hottinger Bruel & Kjaer, $4,500, "HBK Windtunnel."

Ribeiro, Fabio H; chemical engineering, from Multi-Sponsored Industries, $30,000, "CISTAR Industrial Consortium, Honeywell 40001983."

Richert, Brian T; animal sciences, from Archer Daniels Midland Co, $25,200, "Swine Research."

Richmond, Douglas Scott; entomology, from Bayer Crop Science, $19,800, "Turfgrass Entomology Research."

Rispoli, Mandy J; educational studies, from University of Oregon, $239,903, "Project Lead: Leaders in Evidence Based Practices, Autism Spectrum Disorder, and Diversity (Grant 19100067)."

Robicheaux, Francis J; physics & astronomy, from U.S. Department of Energy, $100,000, "Atoms and Ions Interacting with Particles and Fields; Modification 8; Grant 14000229."

Rocheft, Torbert R and Ortiz, Darwin; agronomy, from Ag Alumni Seed Improvement Association, $100,000, "Conversion of Agricultural Alumni Seed Improvement Association, Inc. Proprietary Popcorn Inbreds to Orange Color and Higher Carotenoids."

Rompf, Tiark; computer science, from Microsoft Corporation, $25,000, "Multi Sponsor – PurPL Center."

Roy, Kaushik; electrical & computer engineering, from IBM, $41,698, "Self-Aware Cognitive Services for Distributed Coalition Environments – BPP20 (Grant 13000866)."

Roy, Kaushik; electrical & computer engineering, from Semiconductor Research Corporation, $5,997,105, "C-BRIC: Center for Brain-Inspired Computing Enabling Autonomous Intelligence Amend 8; Grant 40001859 (Srcco/Jump Contract 2018-Ju-2777; Amendment No. 8)."

Rozhon, Atina M; Field Extension, from Jennings County Community Foundation, $2,000, "Reading Made Fun."

Sadeghi, Farshid; mechanical engineering, from The Timken Company, $90,000, "Tribology Lab Research."

Sangid, Michael D; aeronautics and astronautics, from Sandia National Laboratories, $78,960, "Mapping Strain Fields and Failure Mechanisms via Synchrotron-Based X-Ray Microtomography."

Sangid, Michael D; aeronautics and astronautics, from National Aeronautics and Space Administration, $186,778, "Microstructure and Defect Informed Predictions of Damage Tolerance and Durability of Materials and Structures, Including Verification and Uncertainty Quantification (Grant 12000322)."

Sangid, Michael D; aeronautics and astronautics, from Northrop Grumman Corporation, $15,000, "Probability Theory & Probabilistic Design Sciences."

Savran, Cagri A; mechanical engineering, from Savran Technologies Inc, $30,000, "Voluntary Support."


Schwichtenberg, Amy J M; human development & family studies, from PHS-NIH National Institute of Child Health and Human Development, $75,617, "Sleep, the Lymphatic System, and Social Communication Development."

Scott-Moncrieff, Joanna C R; veterinary clinical sciences, from Surgical Referral Services Ltd, $22,381, "Onco Residency Training Program."

Scutari, Gesualdo; industrial engineering, from Army Research Office, $40,000, "Distributed Robust Nonconvex Optimization Over Time-Varying Networks: Tradeoffs and Guarantees (Grant 13000661 Modification 4)."

Sen, Shreyas; electrical & computer engineering, from BDYWR, LLC, $7500, "Pilot Health Monitoring in RF-Denied Environment Using Human Body as a Wire."

Sen, Shreyas; electrical & computer engineering, from Intel Corporation, $100,000, "Multi-Sponsored Industrial."


Simpson, Vicki L; nursing, from Indiana Clinical and Translational Sciences Institute, $8,375, "Using Social Network Analysis to Create an Effective Health Coalition to Support a Systems Level Approach to Improve Health Outcomes and Reduce Disparities."

Singh, Shweta; agricultural & biological engineering program, from PathZero, $26,504, "GHG Inventory for US – Industrial Project."

Siskind, Jeffrey M; electrical & computer engineering, from IBM, $440,608, "Purdue Subcontract for the IBM Proposal to IARPA DIVA (Grant 13000609)."

Sizyuk, Tatiana S; nuclear engineering, from Samsung Advanced Institute of Technology, $150,000, "Modeling and Optimization of EUV Sources – from Physics Inside to the Development of Stable and High-Power Sources."

Smith, Preston M and Younts, Alexander D; IT Research Computing, from Microsoft Corporation, $100,000, "Best Practices for Hybrid Cloud/ HPC Ecosystems in Academic Cyberinfrastructure."

Son, Steven F and Manship, Timothy D; mechanical engineering, from Clarient Corporation, $29,669, "Testing Contract for Clarient Catalyst."

Sravan, Niharika and Milisavljevic, Danny; physics & astronomy, from Space Telescope Science Institute, $84,700, "Optimal Use of Hst for Obtaining Statistical Constraints for Sncb Progenitors and Their Companions."

Stauffacher, Cynthia V; biological sciences, from University of Notre Dame, $151,082, "Determination of Structure, Dynamics and Energetics of Enzyme Reactions."

Stewart, Kara R; animal sciences, from Mait LLC, $2,800, "Swine Research."

Stewart, Kara R; animal sciences, from Verility LLC, $5,000, "Swine Research."

Strachan, Alejandro H; materials engineering, from Sandia National Laboratories, $87,870, "Ab Initio Modeling of Phase Change Materials. (a Discovery Park award – Birck Nanotechnology Center)"

Strachan, Alejandro H; materials engineering, from U.S. Department of Energy, $205,242, "Shape Memory in Nanoscale Metallic Alloys; Modification 14 for Grant #14000609."

Strimel, Greg J; technology leadership and innovation, from VentureWell, $20,000, "Seal-Y Spoon Level II."

Subbarayan-Shastri, Ganesh; mechanical engineering, from Semiconductor Research Corporation, $85,000, "Nonlinear Multiscale Modeling for BEOL Structures; Amendment 2; Grant 40002569."
Subramanian to Zhu

Subramanian, Ramaswamy; Dhanabal, Kanaga Vijayan and Noinaj, Nicholas; biomedical engineering, biological sciences, from Elanco Inc, $228,131, "Structural Characterization of DiSLO-1 in Complex with Functional Modulators."

Titus, Michael S; materials engineering, from Multi-Sponsored Industries, $40,000, "Multi Sponsor Voluntary Support."

Tong, Yujie; biomedical engineering, from Indiana University Purdue University at Indianapolis, $50,236, "Comprehensive White-Matter Microstructure-Informed Analytical Methods to Elucidate Neurobiological Mechanisms of Sports-Related Concussion (SRC)."

Tormohlen, Roger L and Field, William E; agricultural & biological engineering program, from National Institute of Food and Agriculture, $2,254,000, "Gearing Up for Youth Education and Development for Employment in Agriculture."

Tuinstra, Mitchell R; agronomy, from Ag Alumni Seed Improvement Association, $40,000, "Corn Research."

Vacc, Andrea; agricultural & biological engineering program, from NFPA Education and Technology Foundation, $5,000, "Multi Sponsored Gift."

Vacc, Andrea; agricultural & biological engineering program, from Wipro Infrastructure Engineering, $136,944, "A Study of a Secondary Controlled System for Excavator Based on a Multi-Chamber Cylinders."

Velasquez De Bedout, Juan D; Office of Corporate and Global Partnerships Administration, from Universidad Santiago de Cali, $121,010, "Undergraduate Research Experience Purdue – Nexo Valle Del Cauca – 10 Students."

Wang, Haiyan; materials engineering, from Sandia National Laboratories, $70,000, "LDRD/Sandia Academic Alliance (Saa)- Novel 2D Oxides for Strong Multiferroic Coupling Towards Reconfigurable Devices."

Wang, Haiyan; materials engineering, from Sandia National Laboratories, $90,000, "Complex 3-D Linbo3-Magnetic Nanocomposites for Novel Acoustoelectric Devices."

Wang, Nien-hwa L; chemical engineering, from Smith, William E. III, $10,000, "Shuttleworth North America."

Warsinger, David E M; mechanical engineering, from U.S. Department of Energy, $23,334, "Thermally-Driven Batch Counterflow Reverse Osmosis. (a Discovery Park award – Birck Nanotechnology Center)"

Webb, Kevin J; electrical & computer engineering, from Sandia National Laboratories, $83,385, "(LDRD)Computational Imaging for Intelligence in Highly Scattering Aerosols."

Webb, Kevin J; electrical & computer engineering, from Air Force Office of Scientific Research, $216,245, "Optical Imaging and Sensing in a Scattering Environment; Modification 2; Grant 13000717."

Weibel, Justin A; mechanical engineering, from Laird Technologies, $7,500, "Cooling Technologies Research Center (CTRC), Laird Q3 40002838."

Weibel, Justin A; mechanical engineering, from Laird Technologies, $7,500, "Cooling Technologies Research Center (CTRC), Laird Q1 40002838."

Whelton, Andrew J; civil engineering, from Ross Graduate Fellowship-Assistantship, $4,422, "2017-18 Ross Fellowships/Assistantships – Graduate School."

Wilcox, Michael D; Cooperative Extension Service, from Turtle Mountain Band of Chipewa Indians, $1, "Technical Assistance for Turtle Mountain Recovery Center."

Wilker, Jonathan J and Schmidt, Gudrun; chemistry, from Leidos, $51,394, "Biomimetic Underwater Adhesives; Modification 3; Grant 13000845."

Wisecaver, Jennifer H; biochemistry, from Johns Hopkins University Applied Physics, $86,149, "Development of Advanced Plant Technologies for the Detection of Environmental Threats."

Xu, Dongyan; computer science, from Raytheon, $75,000, "CERIAS Voluntary Support."

Xu, Dongyan; computer science, from SalesForce, $60,000, "CERIAS Voluntary Support."

Yang, Danzhou; medicinal chemistry & molecular pharmacology, from Nevada Oncology, $10,000, "Multi Sponsor -Voluntary Support."

Ye, Peide; electrical & computer engineering, from Army Research Office, $40,000, "Ballistic Phosphorene Transistor (Grant 13000410 Modification 11)."

Young, Bryan G; botany & plant pathology, from Helena Agri-Enterprises, LLC, $3,000, "Multi Sponsored Gift Account."

Young, Bryan G; botany & plant pathology, from Chemorse, Ltd, $4,500, "Multi Sponsored Gift Account."

Young, Bryan G; botany & plant pathology, from Kalo, Inc., $7,200, "Multi Sponsored Gift Account."

Youngblood, Jeffrey P; materials engineering, from Oregon State University, $7,000, "A Computer-Vision Technique to Predict Type/Level of Force Exertions."

Yu, Denny and Asadi, Hamed; industrial engineering, from University of Cincinnati, $7,000, "An Analytic Approach to Scanning Neural Networks for Back-Doors by Artificial Brain Stimulation."

Yu, Denny; and Asadi, Hamed; industrial engineering, from University of Cincinnati, $7,000, "A Computer-Vision Technique to Predict Type/Level of Force Exertions."

Zhang, Xiangyu; computer science, from Perspecta Labs, $220,000, "Abs: Analytic Approach to Scanning Neural Networks for Back-Doors by Artificial Brain Stimulation."

Zheng, Wei; health sciences, from the University of Texas Southwestern Medical Center, $35,549, "Environmental Epidemiology of Essential Tremor."

Zhou, Chenn Qian; mechanical & civil engineering, from Advanced Technology International, $83,208, "High Pressure Die Casting Process Simulation for the Shop Floor; Modification 3; Grant 13000668."

Zhu, Fengqing; electrical & computer engineering, from Indiana University, $7,500, "Effect of Reducing Added Sugar Intake, by Substituting Sparkling Water, on Glycemia in Adolescents at Risk for Type 2 Diabetes Immune Responses."

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Notice Regarding Sponsored Program Awards

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