Aaltonen, Pamela M; nursing, from Indiana State Department of Health, $200,000, “Indiana Tobacco Prevention and Cessation Grant for Tippecanoe County.”


Adams, Robin S; engineering education, from Kimberly-Clark Corp., $45,000, “Big Picture Thinkers in Industry: Who Are They? How to Harness Their Expertise?”

Adeola, Olajiwola; animal sciences, from Danisco Animal Nutrition, $61,301, “Investigating the Efficacy of Different Carbohydrate Combination with Phytase on the Performance of Broilers Fed a Nutrient Reduced Corn/Soya-Based Diet.”


Almanza, Barbara A; hospitality & tourism, from University of Houston, $14,672, “Hotel Room Sanitation Training: a Model for Emergency Response Guidelines for Infectious Diseases.”

Applegate, Todd J; animal sciences, from JBS United Inc, $4,500, “Pyttase in Poultry.”

Applegate, Todd J; animal sciences, from JBS United Inc, $25,000, “Pyttase in Poultry.”

Applegate, Todd J; animal sciences, from Maple Leaf Farms Inc., $16,000, “Duck Research.”

Bahr, David F; materials engineering, from Rolls-Royce, Inc., $1,950, “Nanoindentation Testing for Rolls.”

Bahr, David F; materials engineering, from Krell Institute, $1,000, “Krell Fellowship for Samantha Lawrence.”

Baributsa, Dieudonné and Lowenberg-Deboer, James M; entomology, International Programs in Agriculture, from Fintrac, $386,201, “Purdue Improved Crop Storage Market Development in Kenya.”

Barrick, Debra K; cooperative education — Fort Wayne campus, from Office of Faith-Based and Community Initiatives, $25,000, “StemCorps.”

Bayley, William G; chemistry, from Multi-Sponsored Industrials, $600, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Multi-Sponsored Industrials, $600, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Multi-Sponsored Industrials, $1,000, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Multi-Sponsored Industrials, $300, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Multi-Sponsored Industrials, $5,000, “Indiana Arborists Association.”

Bayley, William G; chemistry, from Multi-Sponsored Industrials, $300, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Multi-Sponsored Industrials, $1,000, “Instrumentation Van Project.”

Bayley, William G; chemistry, from Multi-Sponsored Industrials, $300, “Instrumentation Van Project.”


Beaulieu, Lionel J; agricultural economics, from Mississippi State University, $250,000, “The RIDGE Center for Rural Studies: Exploring the Food Assistance & Nutrition Challenge of People, Households & Communities in Rural America.”

Beaulieu, Lionel J; Office of Engagement, from Multi-Sponsored Industrials, $7,500, “Multi-Sponsored Account (Purdue Center for Regional Development (PCRD)).”

Beckerman, Janna L; botany & plant pathology, from Indiana Arborists Association, Inc., $5,000, “Indiana Arborists Association, Inc.”

Beckley, Jeffrey A; mathematics, from Multi-Sponsored Industrials, $250, “Multi-Sponsored.”

Beckley, Jeffrey A; mathematics, from Multi-Sponsored Industrials, $1,500, “Multi-Sponsored.”

Beckley, Jeffrey A; mathematics, from Multi-Sponsored Industrials, $2,000, “Multi-Sponsored.”

Beckley, Jeffrey A; mathematics, from Multi-Sponsored Industrials, $1,500, “Multi-Sponsored.”

Beckley, Jeffrey A; mathematics, from Multi-Sponsored Industrials, $500, “Multi-Sponsored.”
Beckley, Jeffrey A; mathematics, from Multi-Sponsored Industrials, $1,000, "Multi-Sponsored."

Beckley, Jeffrey A; mathematics, from Multi-Sponsored Industrials, $1,500, "Multi-Sponsored."

Bergmann, Michael A; philosophy, from Purdue University, $1,822, “1213 Humanities & Arts Grant, M. Bergmann, Fringe Incr, 8-52523/206400.”

Biddings-Muro, Regina D; chancellor — Calumet Campus, from Foundations of East Chicago, $60,921, “African American Student Achievement Conference.”

Bigelow, Cale A; agronomy, from Agrotain International LLC, $2,250, “Putting Greens Research.”


Bouman, Charles A; electrical & computer engineering, from Northeastern University, $15,000, "Model-Based Iterative Reconstruction for Scanned Baggage Security.”

Brower, Jeffrey E; philosophy, from Purdue University, $1,540, “12-13 Humanities & Arts Grant, J. Brower, Fringe Incr, 8-52524/206400.”

Bullock, Darcy M; civil engineering, from Indiana Department of Transportation, $41,000, "SPR-2351: APT Maintenance and Operations.”

Cai, Hubo; civil engineering, from Indiana Department of Transportation, $140,000, “Long Term Performance Pavement Indicators for Failed Materials.”

Calais, Eric; earth & atmospheric sciences, from Voila Foundation, $49,000, “12/13 Viola Foundation Fellowship.”

Cambrato, James J; agronomy, from Koch Agronomic Services, LLC, $11,368, “The Effects of G77 Nitrification Inhibitor on Corn Nitrogen Response (2013).”

Carr, Steven A; communication — Fort Wayne campus, from Congregation Chahduth Vesholom, $5,000, “U.S. Holocaust Memorial Museum Exhibition Nazi Persecution of Homosexuals.”

Casteel, Shaun N; agronomy, from Monsanto Company, $600, “Soybean Extension Research.”

Casteel, Shaun N; agronomy, from United Soybean Board, $66,461, “Nutrient Allocations of Soybean Released Over 90 Years.”


Chappell, William J; Krogmeier, James V and Love, David J; electrical & computer engineering, from Air Force Research Laboratory, $15,000, “Concurrent Multifunction Transmit and Receive Functionality in a Single Antenna Aperture.”

Chapple, Clint C; biochemistry, from Stanford University, $204,076, “Lignin Management; Optimizing Yield in Lignin-Modified Plants.”

Chen, Jue; biological sciences, from International Human Frontier Science Program Organization, $750, “Fellowship for Mi Sun Jin Thru International Human Frontier Science Program.”

Chen, Kuan-Chou; management — Calumet campus, from Indiana Campus Compact, $2,250, “Reducing Adult Obesity through a Dynamic Web System: a Northwest Indiana Food Bank Service-Learning Project.”

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

Chen, Qingyan; mechanical engineering, from American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Inc., $10,000, “13-14 American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Grant-IN-Aid Aakash Rai.”

Chen, Weinong W; aeronautical & astronautical engineering, from Air Force Research Laboratory, $250,000, “Dynamic Interfacial Friction Under Various Pressure and Temperature Conditions.”

Chen, Yong P; physics, from Argonne National Laboratory, $28,580, “Graphene-Based Optical Modulators for High Energy Physics Applications.” (a Discovery Park award — Birck Nanotechnology Center)

Chen, Zhihong; electrical & computer engineering, from National Aeronautics and Space Administration, $30,000, “Graphene Field-Effect Transistor Based Radiation Sensor Fabrication.” (a Discovery Park award — Birck Nanotechnology Center)

Childress, Michael O; veterinary clinical science, from Science Applications International Corp (SAIC), $10,000, “COTC007b: Pre-Clinical Trial of Three Indenoisquino- lines in Outbred Dogs Diagnosed with Non-Hodgkin’s Lymphoma.”

Choi, Young D; biological sciences — Calumet campus, from Flora Richardson Foundation, $1,481, “Monitoring of Restored Vegetation in the Wolf Lake Wetlands.”

Chuang, Keh-Wen; computer information technology — North Central campus, from Indiana Campus Compact, $2,250, “CNIT 28000: Systems Analysis and Design Methods.”

Clark, Ann M; political science, from Purdue University, $18,242, “12-13 Humanities & Arts Grant, A.M. Clark, 8-52525/206400, Fringe & Fee Remits Incr.”

Cleveland, William S; statistics, from Stanford University, $34,900, “D&R for Large Complex Data; Amendment 2, Grant 106346.”

Cosier, Richard A; management, from Foundation Center-Cleveland, $4,513, “Kranert School of Managements Graduate Program to Provide Scholarships to First-Year Students Based on Academic Merit.”

Cox, Robert F; technology — administration, from Hochschild Plaut Navarro Trust, $667,515, “Collaborative Partnership with Universidad De Ingenieria & Tecnologia (UTE).”

Crawford, Melba M; engineering administration engineering experiment, from Sandia National Laboratories, $40,000, “Sandia Fellowships for Marat Kulakhmetov.”

Crawford, Melba M; engineering administration engineering experiment, from Sandia National Laboratories, $40,000, “Sandia Fellowships for Raymond Bond.”

Crawford, Melba M; engineering administration engineering experiment, from SRC Education Alliance, $32,000, “SRC Education Alliance 2013-2014.”
Crawford, Melba M: engineering administration engineering experiment, from National Aeronautics and Space Administration, $63,213, “An Advanced Learning Framework for High Dimensional Multi-Sensor Remote Sensing Data; Supplement 4 for Grant 106102.”

Creswell, Tom C; Ruhl, Gail E and Gouldsbrough, Peter B: botany & plant pathology, from Michigan State University, $36,000, “National Plant Pest Diagnostic Network.”

Culurciello, Eugenio: biomedical engineering, from Johns Hopkins University, $141,218, “Figure-Ground Processing, Saliency and Guided Attention for Analysis of Large Natural Scenes.”

De Hoop, Maarten V: mathematics, from Multi-Sponsored Industrials, $80,000, “Geo-Mathematical Imaging Group (GMIG) Consortium.”

De Hoop, Maarten V: mathematics, from Multi-Sponsored Industrials, $80,000, “Geo-Mathematical Imaging Group (GMIG) Consortium.”

De Hoop, Maarten V: mathematics, from Multi-Sponsored Industrials, $80,000, “Geo-Mathematical Imaging Group (GMIG) Consortium.”


Deng, Xinyan: mechanical engineering, from University of Michigan, $100,000, “Michigan-Air Force Research Laboratory (AFRL) Collaborative Center in Control Sciences; Amendment 3, Grant 105758.”


Ebert, David S: electrical & computer engineering, from Stevens Institute of Technology, $30,000, "Port Resiliency." (a Discovery Park award — Discovery Park Administration)


Fanjoy, Richard O: aviation technology, from Amideast - Fulbright, $26,280, “Amidest Fellowship for George Jebran.”

Fauber-Otleskii, Amy E; Ko, Jeff C and Shi, Riji: veterinary clinical science, basic medical science, from C Laser Inc., $9,988, “Pilot Study Testing Safety and Efficacy of Low Intensity Laser.”

Ferris, Virginia R: entomology, from Indiana Crop Improvement Association, $5,500, “Cyst Nematode Program.”


Fisher, Timothy; Cooks, Robert G; Shakouri, Ali; Janes, David B; Reifenberger, Ronald G and Sands, Timothy D: mechanical engineering, chemistry, electrical & computer engineering, physics, president, from Jawaharlal Nehru Centre for Advancement Science Research, $1,500, “The India-US Joint Network Centre on Nanomaterials for Energy.” (a Discovery Park award — Birck Nanotechnology Center)

Gef, Ricky E: entomology, from Richard K Kesler, $3,000, “Vegetable & Fruit Research.”

Foster, Ricky E: entomology, from Richard K Kesler, $5,000, “Vegetable & Fruit Research.”

Freed, Andrew M: earth & atmospheric sciences, from UNAVCO, $25,000, “Coconet Graduate Fellowship for Steve Symithe.”

Freed, Andrew M: earth & atmospheric sciences, from UNAVCO, $25,000, “Coconet Graduate Fellowship for Roby Douilly.”

French, Richard M: mechanical engineering technology, from Inn and Comm Center-Information Technology Division, $18,500, “NumberPad.”

Garmella, Suresh V: mechanical engineering, from Multi-Sponsored Industrials, $30,000, “Cooling Technologies Research Center (CTRC) 2012-2013 Membership - Memo Match for 106029.”

Garmella, Suresh V: mechanical engineering, from Multi-Sponsored Industrials, $30,000, “Cooling Technologies Research Center (CTRC) 2012-2013 Membership - Memo Match for 106029.”

Gelvin, Stanton B and Lee, Lan-Ying: biological sciences, from Institute of Biophysics ASCR, $2,500, “BIFC Screening for Telomerase Inhibitors.”

Ghiselli, Richard F: hospitality & tourism, from Daydots, $1,667, “HTM Advisory Council.”


Greene, Christopher H: physics, from University of Maryland, $81,463, “Ultrasound Molecules AFOSR-Multidisciplinary University Research Initiative (MURI).”

Groll, Eckhard A: mechanical engineering, from Air Squared Inc, $15,000, “Multi-Sponsor Groll.”

Gruver, Melissa D: Dean of Students, from American Association University Women Foundation Inc., $1,250, “Elect Her — Campus Women Who Win Training Event.”

Hadley, Vickie J: field extension educators, from Scan Inc, $2,925, “Work One Scan Financial Literacy.”


Harriger, Alka R: technology - administration, from University of Colorado, $5,000, “IT Girls.”

Harris, Dale A: engineering professional education, from Pohang University of Science & Technology, $131,423, “2013-14 POSTECH Fellowship - Graduate Degree Collaboration.”

Heeg, Marlene O: pharmacy — administration, from Janssen Johnson & Johnson Services, Inc., $50,000, “Optimizing Strategies with IBD Therapies.”

Heeg, Marlene O: pharmacy — administration, from Genentech Corporation, Inc., $75,000, “Assessing the Future of Therapy for B-Cell Malignancies (15020254).”

Heeg, Marlene O: pharmacy — administration, from Celgene Corporation, $50,000, “PeerView InReview, New Targets and Novel Options in the Management of Mantle Cell Lymphoma: An Increasing Role for Innovative Therapy?”

Heeg, Marlene O: pharmacy — administration, from Novartis Pharmaceuticals Corporation, $80,480, “PeerView InExchange, The Role of Allied Healthcare Professionals in Maintenance Immunosuppression for Renal Transplantation; Improving Adherence, Improving Outcomes (150202180).”
Hertel, Thomas W; agricultural economics, from Multi-Sponsored Industrials, $19,650, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from Multi-Sponsored Industrials, $19,650, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from Multi-Sponsored Industrials, $20,550, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from Multi-Sponsored Industrials, $19,650, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from Multi-Sponsored Industrials, $19,650, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from Multi-Sponsored Industrials, $19,650, “Global Trade Analysis Project (GTAP) Consortium.”

Irazoqui, Pedro; biomedical engineering, from Indiana University Purdue University at Indianapolis, $48,327, “Pre-Clinical Assessment of Deep Brain Stimulation for the Treatment of Alcoholism.”

Irudayaraj, Joseph M; agricultural & biological engineering, from Government of Pakistan, $9,000, “Bench Fees for Visiting Scholar — Asia Naz Awan.”

Irudayaraj, Joseph M; agricultural & biological engineering, from Purdue University Discovery Park Seed Grant Program, $77,000, “Epigenetics in Vivo Tools Development.” (a Discovery Park award — Cyber Center)


Johnson, Mark C and Swabey, Matthew A; electrical & computer engineering, from Chrysler Corporation, $10,000, “Senior Design Project.”

Johnson, William G; botany & plant pathology, from DuPont Crop Protection, $10,400, “Weed Research.”

Johnson, William G; botany & plant pathology, from United Soybean Board, $466,488, “Development of Branded Educational Programs to Manage and Mitigate Herbicide Resistant Weeds.”

Johnson, William G; botany & plant pathology, from Bayer Cropscience LP, $10,000, “BAYER FG72 Beans — Study Protocol Number BP13USAJN6.”

Johnson, William G; botany & plant pathology, from DuPont Crop Protection, $17,500, “Weed Research.”

Johnson, William G; botany & plant pathology, from DuPont Crop Protection, $8,800, “Weed Research.”

Johnson, William G; botany & plant pathology, from DuPont Crop Protection, $944, “Weed Research.”

Johnson, William G; botany & plant pathology, from Bayer Cropscience LP, $10,000, “BAYER FG72 Beans - Study Protocol Number HP13USAMRB.”

Johnston, Cliff T; agronomy, from Michigan State University, $48,582, “Geochemical Controls on the Adsorption, Bioavailability, and Long-Term Environmental Fate of Polychlorinated Dibenzo-P-Dioxins (PCDDs).”

Jung, Byunghoo; electrical & computer engineering, from Ophit Ltd, $50,000, “OPHIT LTD.”

Kak, Avinash C; electrical & computer engineering, from Robert Bosch GmbH, $20,000, “Bosch Voluntary Support.”

Kaplan, Ian; Foster, Ricky E and Lopez, Roberto G; entomology, horticulture & landscape architecture, from National Institute of Food & Agriculture, $98,791, “Establishing Beneficial Insects in High Tunnels for Vegetable Pest Management.”

Kays, Michael B; pharmacy practice, from America Society for Clinical Pharmacology & Therapeutics, $35,000, “Population Pharmacokinetics and Pharmacodynamics of Linezolid in Obese and Non-Obese Patients.”

Keener, Kevin M; food science, from Environmental Protection Agency, $10,000, “Development of a Compliance Assistance Center for the Food Processing Industry.”

Keener, Kevin M; food science, from Griffith Laboratories, $3,500, “Multi-Sponsored Gift.”

Key, Nicole L; mechanical engineering, from Honeywell Inc., $40,000, “Preparation for the Experimental Investigation of High Speed Centrifugal Compressor Flow Fields — Year 2.”

Korniak, Lynn M; field extension educators, from Partners for a Drug Free Cass County, $3,000, “Cass County Healthy Babies.”

Kostraba, Gregory C; WBAA, from Corporation for Public Broadcasting, $4,866, “CPB CSG 2012-2014.”

Kramer, Robert A; Energy Efficiency & Reliability Center, from Indiana Municipal Utility Group, $9,900, “Preparation of Testimony for IUUMG Regarding Street Lighting and Safety.”

Krane, Matthew J and Trumble, Kevin P; materials engineering, from Rolls-Royce Corporation, $13,500, “Purdue Casting Statement of Work (SOW).”

Krupke, Christian H; entomology, from Amvac Chemical Corporation, $20,000, “Krupke-Entomology-Research.”

Latif, Niaz and Zahraee, Mohammad A; technology — Calumet campus, engineering technology — Calumet campus, from U.S. Department of Labor, $2,741,491, “AWAKE - Assisting Workforce by Advancing Knowledge for Employment.”

Latif, Niaz and Zahraee, Mohammad A; technology — Calumet campus, engineering technology — Calumet campus, from Sinclair Community College, $40,666, “Leadership Capacity Building for Manufacturing and Manufacturing-Related Programs.”
Latin, Richard X; botany & plant pathology, from Syngenta Crop Protection Inc., $5,800, “Turfgrass Disease Research.”

Latin, Richard X; botany & plant pathology, from Syngenta Crop Protection Inc., $23,600, “Turfgrass Disease Research.”

Lechtenberg, Victor L; Beaulieu, Lionel J and Morrison, Edward F; Office of Engagement, from Economic Development Administration, $188,373, “Purdue Innovation Network: Linking Resources to Leverage Innovation.”

Lee, Chun-Sing G; electrical & computer engineering, from Drexel University, $68,000, “DRC-HUBO: Leveraging a 7-HUBO Infrastructure and Unified Algorithmic Framework for the DARPA Robotics Challenge; Amendment 3, Grant 106256.”

Loew, Tamara F; student health center, from Indiana Collegiate Action Network, $2,300, “Alcohol Video Education Project.”

Lopez, Roberto G; horticulture & landscape architecture, from Michigan State University, $4,000, “Minor Crop Pest Management Program Interregional Research Project 4.”


Luo, Zhao-Qing: biological sciences, from Texas A&M Research Foundation, $51,951, “Identification and Role of Type IV Effector Proteins in Coxiella burnetii.”

Luo, Zhao-Qing: biological sciences, from Texas A&M Research Foundation, $110,115, “Identification and Role of Type IV Effector Proteins in Coxiella burnetii; Amendment 1, Grant 106311.”

Madhavan, Krishna; Vorvoreanu, Mihaela and Elmqvist, Lars Niklas E; engineering education, computer graphics technology, electrical & computer engineering, from National Science Foundation, $128,820, “Collaborative Research: Deep Insights Anytime, Anywhere (DIA2) — Central Resource for Characterizing the TUES Portfolio; Amendment 3 for Grant 105640.”

Maylath, Nancy S; student health center, from Indiana State Department of Health, $7,485, “Indiana Campus Sexual Assault Primary Prevention Project.”

Maynard, Elizabeth T; horticulture & landscape architecture, from Sakata Seed America Inc., $300, “Research for 1995 Vegetable Variety Trial Program.”


McCann, Maureen C; biological sciences, from John Zink Company, $15,000, “Fellowship Agreement,” (a Discovery Park award — Energy Center)

McDaniel, Rebecca S; civil engineering, from National Academy of Sciences, $40,000, “Fiber Additives in Asphalt Mixtures.”

McGlothlin, James D; health sciences, from Becton Dickinson, $137,000, “Molecularagen Portal.”

McLennan, Michael J; academic technologies, from Purdue University, $302,514, “PURR: Purdue University Research Repository, FY 13-14, IT@P, Michael McLennan.”

McNamara, Kevin T; Egel, Daniel S; Foster, Ricky E and Hirst, Peter M; agricultural economics, botany & plant pathology, entomology, horticulture & landscape architecture, from U.S. Department of State, $728,843, “Purdue-Herat University Faculty of Agriculture Partnership.”

Michler, Charles H; Jacobs, Douglass F and Saunders, Michael R; forestry & natural resources, from National Science Foundation, $180,000, “Collaborative Research: Center for Advanced Forestry Phase II; Amendment 3 for Grant 106290.”

Michler, Charles H; forestry & natural resources, from U.S. Forest Service, $5,000, “Nursery Production in the Eastern U.S.”

Michler, Charles H; forestry & natural resources, from National Science Foundation, $8,000, “Collaborative Research: Center for Advanced Forestry Systems-NSF/Research Experience for Undergraduates (REU) Supplement.”

Mickelbart, Michael V; horticulture & landscape architecture, from Chintakovid, Nutwadee, $500, “Chintakovid Bench Fees.”

Mickelbart, Michael V; horticulture & landscape architecture, from Chintakovid, Nutwadee, $1,000, “Chintakovid Bench Fees.”

Mosier, Nathan S; agricultural & biological engineering, from Environmental Protection Agency, $17,000, “EPA Star Fellowship Awarded to Isaac Emery.”

Nagy, Zoltan; chemical engineering, from Pfizer Inc, $10,000, “Crystallization Control Interface.”

Ni, Jiqin; agricultural & biological engineering, from City of Lafayette, $4,980, “Lafayette Wastewater Sludge Fermentation Trial.”

Nof, Shimon Y; industrial engineering, from Kimberly-Clark Corp., $180,000, “Next Level Point-of-Sale (PoS) Decisions 08/15/2013-08/14/2014.”

Ogas, Joseph P; biochemistry, from Purdue University, $51,032, “Office of the Vice President for Research (OVPR) Bridge Funding: Joe Ogas, Biochemistry, 11/1/13 - 5/31/14, $51,032.”

Olek, Jan and Weiss, William J; civil engineering, from Solidia Technologies, $125,000, “Failure Mechanisms in Concrete: a Comparative Study of the Ordinary Portland Cement (OPC) and Solidia Cement (SCC) Concretes.”

Pastakia, Sonak D and Karwa, Rakhi; pharmacy practice, from Moi University, $15,400, “Pharmacovigilance (PV) in a Resource-Limited Setting: Approaches to Targeted Spontaneous Reporting for Suspected Adverse Drug Reactions to Antiretroviral Treatment.”

Patton, Aaron J; agronomy, from Dow Agro Sciences, $4,000, “Multi-Sponsored.”

Patton, Aaron J; agronomy, from Dow Agro Sciences, $35,500, “Multi-Sponsored.”

Patton, Aaron J; agronomy, from Midwest Regional Turf Foundation, $20,000, “Turfgrass Research.”

Patton, Aaron J; agronomy, from Dow Agro Sciences, $3,700, “Multi-Sponsored.”

Peroulis, Dimitrios and Ziaie, Babak; electrical & computer engineering, from Landauer, $635,000, “Microelectromechanical System (MEMS)-Scale Advanced Radiation Sensors.” (a Discovery Park award — Birck Nanotechnology Center)

Pijanowski, Bryan C and Shepardson, Daniel P; forestry & natural resources, curriculum & instruction, from National Science Foundation, $739,239, “Collaborative Research: Full Scale Development: Global Souncapes! The Big Data, Big Screens, Open Ears Project.”

Porterfield, D. M; agricultural & biological engineering, from Binational Science Foundation, $18,700, “Remote Mobile Sensors Operation for Water Quality and Security Enhancements of Drinking Water Distribution Systems.” (a Discovery Park award — Birck Nanotechnology Center)

Post, Carol B; medicinal chemistry & molecular pharmacology, from Purdue University, $60,001, “Office of the Vice President for Research (OVPR) Bridge Funding: Carol Post.”
Povolotskyi, Mykhailo; electrical & computer engineering, from University of California - Santa Barbara, $96,776, "NEB: Superlattice-FETs, Gamma-L-FETs and Tunnel-FETs: Materials, Devices, and Circuits for Fast Ultra-Lower Power Integrated Circuits (ICs); Amendment 2, Grant 105657." (a Discovery Park award — Network for Computational Nanotechnology)

Powell, Douglas R; Macdermid Wadsworth, Shelley; Eicker, James G; Mantzicopoulos-James, Panayota Y and Purpura, David J; child development & family studies, educational studies, from National Institute of Food & Agriculture, $4,545,455, "Department of Defense Child Care Curriculum Development."

Prokopy, Linda S; forestry & natural resources, from Indiana Corn Marketing Council, $47,159, "Evaluating Effectiveness of Farmer Nitrogen Networks."

Prokopy, Linda S; forestry & natural resources, from Indiana Corn Marketing Council, $33,530, "Baseline Survey of Nutrient Management Practices in Indiana."

Purzer, Senay and Adams, Robin S; engineering education, from National Science Foundation, $500,000, "Collaborative Research: Large-Scale Research on Engineering Design Based on Big-Leaner Data Logged by a CAD Tool."

Qiao, Li; aeronautical & astronautical engineering, from University of Connecticut, $50,000, "Multiphase Flow Dynamics and Evaporation Kinetics of Energetic Nanofuels."

Quagrainie, Kwamena K; agricultural economics, from Iowa State University, $1,075, "North Central Regional Aquaculture Center Extension Project."

Rainey, Katherine M; agronomy, from United Soybean Board, $558,298, "High-Impact Public Research for Modified Carbohydrate Composition in U.S. Soybeans."


Raman, Arvind; engineering administration engineering experiment, from LASPAU, $705,027, "Colciencias-Fulbright Fellowship."

Raman, Arvind; Alexander; Fisher, Timothy; Marinero-Caceres, Esteban E; Wei, Alexander and Bae, Euiwon; engineering administration engineering experiment, aeronautical & astronautical engineering, mechanical engineering, chemical engineering, chemistry, from National Science Foundation, $1,497,905, "Special Nuclear Material (SNM): Large Scale Manufacturing of Low-Cost Functionalized Carbon Nanomaterials for Energy Storage and Biosensor Applications." (a Discovery Park award — Birck Nanotechnology Center)

Ramani, Karthik; mechanical engineering, from National Science Foundation, $75,000, "A-Drive: Affordable Design by Realistic Interactions for Virtual Explorations."

Ratliff, Timothy L; cancer research center, from Indiana State Department of Health, $50,000, "Affecting Cancer Together."

Ribeiro, Fabio H; chemical engineering, from Cummins Inc, $127,000, "Ammonia Selective Catalytic Reduction (SCR) on Cu and Fe Zeolite Catalysts."

Richmond, Douglas S; entomology, from Bayer Cropscience LP, $5,000, "Turfgrass Entomology Research."

Richmond, Douglas S; entomology, from Bayer Cropscience LP, $3,000, "Turfgrass Entomology Research."

Richmond, Douglas S; entomology, from Bayer Cropscience LP, $6,600, "Turfgrass Entomology Research."

Richmond, Douglas S; entomology, from Bayer Cropscience LP, $3,200, "Turfgrass Entomology Research."

Ricker-Gilbert, Jacob E; agricultural economics, from University of California — Davis, $19,968, "Effects of Storage Losses and Market Imperfections on Smallholders Grain Management Evidence of Maize Production in Benin."

Rogers, Marcus K; computer & information technology, from Multi-Sponsored Industrials, $1,000, "Forensic Seminars."

Ruhl, Gail E; botany & plant pathology, from Indiana Professional Lawn Landscapers Association, $300, "Indiana Nursery and Landscape Association."

Sadeghi, Farshid; mechanical engineering, from Tecumseh Compressor Group, $85,000, "Tribology Lab Research."

Santagata, Maria Caterina; civil engineering, from Purdue University F N Andrews Fellowship, $18,495, "Getchell, Amy."

Savaiano, Dennis A; foods & nutrition, from Indiana Clinical & Translational Science Institute, $12,120, "Healthy Communities of Clinton County Coalition as a Model for Community Health Improvement." (a Discovery Park award — Bindley Bioscience Center)

Savran, Cagri A; mechanical engineering, from Indiana University Purdue University at Indianapolis, $10,000, "Microchip for High-Throughput Detection of Circulating Tumor Cells IUSCC." (a Discovery Park award — Birck Nanotechnology Center)

Scachitti, Susan M and Mapa, Lakshman B; engineering technology — Calumet campus, from Veterans Affairs, Department of, $168,260, "Facilitating Yellow, Green and Black Belt Training Sessions."

Scharf, Michael E; entomology, from Multi-Sponsored Industrials, $40,200, "Multi-Sponsor."


Schulze, Darrell G; Benes, Bedrich; Burgess, Willella D; Glotzbach, Ronald J; Kong, Ningning N; Bracke, Marianne S; Graveel, John G; Owens, Phillip R and Van Scoyoc, George E; agronomy, computer graphics technology, chemistry, library administration, from National Institute of Food & Agriculture, $629,619, "Integrating Spatial Educational Experiences (ISEE) - Mapping a New Approach to Teaching and Learning Soil Science."

Scribailo, Robin W; biological sciences — North Central campus, from Harrisburg University Science and Technology, $4,000, "Science, Technology, Engineering & Mathematics (STEM) Mastery through Great Lakes Stewardship: GLISTEn (the Great Lakes Innovative Stewardship through Education Network)."

Setzer, Claude S and Cooklev, Todor V; engineering — Fort Wayne campus, from City of Fort Wayne, $168,260, "Grant for Development of Indiana University-Purdue University Fort Wayne (IPFW) Wireless Technology Center."

Setzer, Claude S and Cooklev, Todor V; engineering — Fort Wayne campus, from Allen County Capital Improvement, $276,000, "Innovation in Microwave Power Amplifier Design."
Shalaev, Vladimir M and Boltasseva, Alexandra; electrical & computer engineering, from University of Pennsylvania, $160,447, "Large-Area 3-D Optical Metamaterials with Tunability and Low Loss; Amendment 7; Grant 105104." (a Discovery Park award — Birck Nanotechnology Center)

Shalaev, Vladimir M; Boltasseva, Alexandra and Narimanov, Evgueni E; electrical & computer engineering, from University of Michigan, $320,000, "Centers of Excellence for Materials Research and Innovation (CERMII) Photonic and Multiscale Nanomaterials; Amendment 1." (a Discovery Park award — Birck Nanotechnology Center)

Shalaev, Vladimir M and Boltasseva, Alexandra; electrical & computer engineering, from University of Pennsylvania, $13,075, "Advanced Transformation Optical Methods." (a Discovery Park award — Birck Nanotechnology Center)

Shalaev, Vladimir M; Boltasseva, Alexandra and Narimanov, Evgueni E; electrical & computer engineering, from University of Michigan, $320,000, "Centers of Excellence for Materials Research and Innovation (CERMII) Photonic and Multiscale Nanomaterials; Amendment 4, Grant 105675." (a Discovery Park award — Birck Nanotechnology Center)

Shaver, Gregory M and Saeedifard, Maryam; mechanical engineering, electrical & computer engineering, from U.S. Department of Energy, $100,000, "Hoosier Heavy Hybrid Center of Excellence Hoosier Heavy Hybrid Center of Excellence (H3CoE); Modification 6 for Grant 105726."

Shepardson, Paul B; chemistry, from University of Southern California, $79,558, "Airborne Microwave Observatory of Subcanopy and Subsurface (AirMOSS)."

Shepardson, Paul B; chemistry, from Environmental Defense Fund, $78,315, "Coordinated Research Campaign to Estimate and Attribute Methane Emissions in the Barnett Shale Region."

Sherman, Louis A; biological sciences, from Washington University, $243,377, "Use of Systems Biology Approaches to Develop Advanced Biofuel-Synthesizing Cyanobacterial Strains; Amendment 2, Grant 105670."
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Troy, Cary D; Boyd, Joshua E and Jesiek, Brent K; civil engineering, communication, electrical & computer engineering, from National Science Foundation, $150,000, “Research Initiation Grant: Writing to Learn Engineering: Effective Techniques for Integration of Technical Writing into Engineering Classes and Curricula.”

Trumble, Kevin P; Han, Qingyou; Johnson, David R and Krane, Matthew J; materials engineering, mechanical engineering technology, from Shandong Nanshan Aluminum Co Ltd, $605,869, “Purdue School of Materials Engineering — Nanshan Aluminum Research Plan.”

Tzempelikos, Athanasios; civil engineering, from American Society for Heating, Refrigerating, Air Conditioning Engineering, $25,000, “American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)-Tzempelikos.”

Umulis, David M; agricultural & biological engineering, from University of Minnesota, $70,000, “Dynamic Pattern in Chemically Reacting Systems; Amendment 3, Grant 104974.”

Vacc, Andrea; agricultural & biological engineering, from Casappa Spa, $110,670, “Modeling of Lubricating Features of External Gear Machines and Development of Quieter Solutions.”

Van Rijn, Richard M; medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute on Alcohol Abuse, $248,999, “Development of a Pre-Clinical Candidate for the Treatment of Alcoholism.”

Vitek, Jan; computer science, from Oracle Corporation, $150,000, “Gift—Oracle America.”

Vlachos, Pavlos; mechanical engineering, from Virginia Technology, $268,998, “Instrument Development for Biological Research.”

Voyles, Richard M; technology — administration, from National Science Foundation, $265,805, “Intergovernmental Personnel Act Voyles.”

Wassgren, Carl R; mechanical engineering, from Purac, $503, “Alexanderwerks Roll Compactor Testing.”

Weaver, Connie M; foods & nutrition, from Multi-Sponsored Industrials, $1,667, “Lallemand/American Yeast Gift.”

Weaver, Connie M; foods & nutrition, from The Coca Cola Company, $100,000, “Coca Cola Gift.”

Weiner, Andrew M; electrical & computer engineering, from Naval Postgraduate School, $891,754, “Novel Ultrabroadband Photonic and Radio-Frequency Systems for Communications, Sensing and Countermeasures-Inc Grant 103743.”

Weldon, Sirje L; Earley, Paul C; Monteith, Margo J; Pawley, Alice L; Raymond, Leigh S; Buzziannel, Patrice M; Einwohner, Rachel L; Patton, Venetria K; Sahley, Christie L; Subramaniam, Mangala; Kelly, Daniel R; Linett, Maren T; Boling, Patricia A and Neville, Jennifer L; political science, management, psychological science, engineering education, communication, sociology, English, biological sciences, philosophy, computer science, from Purdue University, $465,483, “Diversity and Inclusion: Implications for Science and Society.”

Weller, Stephen C and Foster, Ricky E; horticulture & landscape architecture, entomology, from Virginia Technology, $45,000, “Integrated Pest Management: Science for Agricultural Growth in Latin America and the Caribbean.”


Whitford, Fred; botany & plant pathology, from Professional Landcare Network Inc, $600, “Purdue Pesticide Programs.”

Whitford, Fred; botany & plant pathology, from Professional Landcare Network Inc, $200, “Purdue Pesticide Programs.”

Williams, Anna K; field extension educators, from St.Joseph County 4-H Fair, Inc., $920, “Summer Part Time 4-H Position Increase.”

Wirth, Mary J; chemistry, from Pfizer Inc, $75,000, “Highly Efficient Separation of mAbs with Submicron Particle UPLC.”


Witt, Michael C; Beck, Alan M; Klimeck, Gerhard; McLennan, Michael J and Watson, Charles T; library administration, comparative pathology, electrical & computer engineering, academic technologies, university press, from ORCID, $17,000, “ORCID Integration with the Hubzero Platform for Scientific Collaboration.”

Witt, Michael C; library administration, from Purdue University, $220,141, “PURR: Purdue University Research Repository, FY 2013-14, Libraries, Michael Witt.”

Yaninek, John S; entomology, from Indiana Department of Natural Resources, $87,483, “Indiana Agricultural Pest Surveys (CAPS) 2013; Amendment 1.”

Yao, Yuan; food science, from Phytoptation LLC, $2,224, “Product Tests.”

Zhou, Chenn Q and Wu, Bin; Center for Innovation thru Visualization & Simulation, from Mittal Steel Company, $18,050, “Vertical Edger and Strip Grade Analysis ArcelorMittal_CIVS.”

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