Abraham, John; mechanical engineering, from Adagio Associatesm, Inc., $3,500, “Toroideal Sprays.”


Adams, Douglas E; mechanical engineering, from Materials Sciences Corporation, $25,000, “Frequency Shift and Impact Damage in Composite Motor Cases.”


Adams, Larry G; veterinary clinical science, from Akina, Inc. Business &Technology Center, $17,500, “SPS Clinical Urology.”

Ajuwon, Kolapo; animal sciences, from DSM Nutritional Products, Inc., $20,000, “DSM Poultry Research.”

Akers, Douglas P; field extension educators, from Boone County Learning Network, $59,000, “Boone County Learning Center Coordinator 2010.”


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

Beckerman, Janna L; botany & plant pathology, from Syngenta Crop Protection Inc., $7,000, “Fungicide Screens for Efficacy Against the Oak Wilt Pathogen, Ceratocystis Fagacearum.”

Bergstrom, Donald E; medicinal chemistry & molecular pharmacology, from Coferon Inc., $184,181, “Generation of Molecular Designs Directed Towards the Development of Antiviral Compounds.”

Bigelow, Cale A; agronomy, from Aquatrols Corporation of America, $3,200, “Putting Greens Research.”

Bigelow, Cale A; agronomy, from Knox Fertilizer Company, Inc., $1,500, “Putting Greens Research.”

Bigelow, Cale A; agronomy, from Bayer Environmental Science, $250, “Putting Greens Research.”


Boiarsky, Carolyn R; English & philosophy — Calumet campus, from Indiana Humanities Council, Inc., $1,300, “Coming Together, then and Now: a Story of Two Unsung Heroes.”

Bond, Randal K; CERIAS, from Lockheed Martin Corp., $42,500, “Lockheed Martin Assistantships.”

Bouman, Charles A; electrical & computer engineering, from General Electric Medical System, $92,594, “Model Based Image Reconstruction.”

Bouman, Charles A; electrical & computer engineering, from Army Research Office, $85,527, “Analysis and Detection of High Dimensional Signals Using the Sparse Matrix Transform.”

Bouslog, Lori A; field extension educators, from Consumer Federation of America, $700, “America Saves Week — Sullivan, Clay, and Putnam Counties.”

Boutin, Mireille; electrical & computer engineering, from Motorola Foundation, $11,000, “RFHEA: a Student-Driven Collaborative Learning Tool.”

Briggs, Scott D; biochemistry, from PHS-NIH National Institute of General Medical Science, $130,840, “The Role of SET1-Mediated Methylation in Chromatin Function.”

Brophy, Sean; engineering education, from Purdue Research Foundation: XR Grant, $16,750, “NEES Operations.”

Buhman, Kimberly K; foods & nutrition, from Glaxo Smith Kline, $14,553, “Glaxo Account.”

Bullock, Darcy M; civil engineering, from Indiana Department of Transportation, $200,000, “Procurement Procedures and Specifications for Performance Measure-CapableTraffic Infrastructure Data Collection Systems, SPR-3409.”

Caruthers, James M; chemical engineering, from Purdue Research Foundation: XR Grant, $16,750, “Indiana Advanced Electric Vehicle Education & Training Consortium.”

Caruthers, James M; chemical engineering, from Purdue Research Foundation: XR Grant, $16,750, “Indiana Advanced Electric Vehicle Education & Training.”

Casteel, Shaun N; agronomy, from Becker Underwood, $15,700, “Soybean Extension Research.”

Chandrasekar, Srinivasan; industrial engineering, from National Science Foundation, $182,147, “GOALI: Collaborative Research: Engineered Surface Microstructures by Machining.”

Office of the Vice President for Research
Chen, Bin; electrical & computer engineering – Calumet campus, from Mittal Steel Company, $10,000, “3-D Imaging for Commercial Automated Surface Inspection System Performance Improvement.”

Chen, Li-Fu; food science, from Ammon International Inc., $22,908, “Cellulose Research.”

Chen, Qingyan; mechanical engineering, from Federal Aviation Administration, $173,534, “AM 5 Developing a Risk Paradigm for Pesticides and Volatile Organic Compounds from Ozone Reactions in Aircraft.”

Chen, Susan E; agricultural economics, from University of Michigan, $25,000, “The Effect of Disability and Disability Insurance on Spousal Labor Supply.”

Chen, Weinong W and Peroulis, Dimitrios; aeronautics & astronautics, electrical and computer engineering, from Defense Threat Reduction Agency, $150,000, “Impact Response of Granular Materials at Global and Meso Scales.” (a Discovery Park award — Birck Nanotechnology Center)

Chiu, George T; mechanical engineering, from National Science Foundation, $49,999, “Frontier of Control Workshop.”

Chiu, George T; mechanical engineering, from Indiana Department of Workforce Development, $4,000, “Indiana Workforce Development Grant – Harrison HS.”

Christian, John A; comparative pathobiology, from Idexx Laboratories, Inc., $6,000, “Cytology Resource Center.”

Clement, Nancy I; Burton D. Morgan Center, from Motorola Foundation, $30,000, “2010 National I2P Competition.” (a Discovery Park award — Burton D. Morgan Center)

Collodi, Paul; animal sciences, from Winifred B. Bilsland Endowment, $8,851, “Fellowship.”

Constable, Peter D; veterinary clinical science, from VCA Antech Inc., $8,393, “Radiology Residency Support.”

Cooper, Stephen; computer graphics technology, from National Science Foundation, $277,713, “An Innovative Approach for Attracting Students to Computing.”


Cushman, John H; earth & atmospheric sciences, from National Science Foundation, $115,049, “Modeling the Hydrology of Desication and Cracking of Shrinking Porous Media, Amendment 1.”

Datta, Supriyo; electrical & computer engineering, from University of Michigan, $20,492, “High-Temperature Spin-Based Devices.”

Day, Harlan R; agricultural economics, from Indiana Secretary of State Securities Division, $240,000, “Indiana Secretary of State Grant ICEE Fall & Spring Regional Awards.”

De Hoop, Maarten V; mathematics, from Statoll ASA, $80,000, “Geo-Mathematical Imaging Group (GMIG) Consortium.”

Dunkle, Larry D; botany & plant pathology, from Agricultural Research Service, $9,900, “Acquisition of Goods and Services.”

Dyke, Shirley J; civil engineering, from University of Nevada, $8,611, “NEESR-SG: Seismic Simulation and Design of Bridge Columns Under Combined Actions and Implications on System Response.”


Fernandez-Juricic, Esteban; biological sciences, from Kaytree Avian Foundation, $8,460, “An Experimental Test of Bird-Feeder Color Preferences in Finches.”

Ferris, Virginia R; entomology, from Indiana Crop Improvement Association, $10,000, “Cyst Nematode Program.”

Fleet, James C; foods & nutrition, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $32,300, “Intestinal Calcium Absorption: Molecular Mechanism.”

Fleet, James C; foods & nutrition, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $99,999, “Intestinal Calcium Absorption: Molecular Mechanism.”

Forbes, Beth A; agricultural communication, from Ohio State University, $26,367, “Cooperative Venture to Develop a Joint Electronic News Service.”

Foster, Scott P; field extension educators, from Hendricks College Network, $126,000, “Hendricks College Network Compensation Support 2010.”

Francisco, Padmapriya; management, from Edventure Partners, $500, “Priya Francisco Edventure Partners.”

Franklin, Deanna M; field extension educators, from Consumer Federation of America, $700, “America Saves Week: Vigo, Parke, and Vermillion Counties.”

Frosch, Robert J and Labi, Samuel; civil engineering, from Indiana Department of Transportation, $315,399, “Increasing Bridge Deck Service Life, SPR-3422.”

Garfinkel, Arthur F; physics, from Argonne National Laboratory, $17,501, “Graduate Student Services.”

Garamella, Suresh V; mechanical engineering, from Raytheon, $332,577, “Thermal Ground Plane Program: Nanostructural Wick Material System Development.”


Garamella, Suresh V; mechanical engineering, from Delphi Delco Electronics Systems, $30,000, “2010 CTRC.”


Geahlen, Robert L; medicinal chemistry & molecular pharmacology, from PHS-NIH National Cancer Institute, $24,282, “Tyrosine Protein Kinases and Lymphocyte Activation.”


Gettinger, Polly H; field extension educators, from Consumer Federation of America, $700, “America Saves Week – Greene, Owen and Monroe Counties.”

Gore, Jay P; mechanical engineering, from Purdue Research Foundation: XR Grant, $16,750, “DOE Hydrogen Systems Laboratory.”

Grant, Richard H; agronomy, from Mactec Engineering and Consulting, Inc., $1,620, “Increase of Time and and Money.”
Groll, Eckhard A; mechanical engineering, from Ecothermics Corporation, $3,000, "CO2 Compressor Research."

Hall, Mark C; biochemistry, from National Science Foundation, $10,000, "Regulation of the Anaphase-Promoting Complex by Pseudosubstrate Inhibition."

Hambrusch, Susanne E and Haugan, Mark P; computer science, physics, from National Science Foundation, $25,000, "RET: Cpath CB: Computing Education in Science Context."

Han, Qingshou; mechanical engineering technology, from HansTechnology, $10,000, "Casting and Characterization of Aluminum/Steel Bimetal."

Harrison, Marietta L; medicinal chemistry & molecular pharmacology, from Walther Cancer Institute Foundation Inc., $1,000,000, "Walther Oncology Physical Sciences & Engineering Research Embedding Program.” (a Discovery Park award — Oncological Sciences Center)

Hartman, Nathan W; computer graphics technology, from Rolls-Royce, Inc., $100,000, "Phase VI Rolls Royce/Purdue PLM Collaboration Proposal."

Hastak, Makarand; construction engineering & management, from Indiana Department of Transportation, $50,000, "Quantify the Benefits of Pavement Preservation, SPR-3416."


Hertel, Thomas W; agricultural economics, from United Nations Conf on Trade and Development, $19,650, "GTAP Membership."

Hertel, Thomas W; agricultural economics, from Inter-American Development Bank, $19,650, "GTAP Membership."

Hook, Tom and Doucette, Jarrod S; forestry & natural resources, from State of Minnesota, $13,300, "Midwest Glacial Lake Partnership."

Hooser, Stephen B; Animal Disease Diagnostic Laboratory, from Indiana Department of Natural Resources, $3,000, "Indiana Department of Natural Resources/Wildlife Disease Diagnostic."

Hosking, Antony L; computer science, from IBM, $30,000, "IBM Eclipse Innovation Award."

Howe, Katherine M; botany & plant pathology, from Michael Layne or Laura J Zigmant, $20, "Organized Research (Gift Fund)."

Howe, Katherine M; botany & plant pathology, from Thomas G or Laura D Steiner, $20, "Organized Research (Gift Fund)."

Howe, Katherine M; botany & plant pathology, from Town & Country Research Conv. & Development Inc., $100, "Organized Research (Gift Fund)."

Howe, Katherine M; botany & plant pathology, from Gregory J Mancuso, $20, "Organized Research (Gift Fund)."

Hutcheson, John S; Office of Engagement, from Fund for Our Economic Future, $5,000, "Fund for Our Economic Future."

Illeleji, Klein; agricultural & biological engineering, from Administration Alliance Nutrition, Inc., $2,000, "Multi-Sponsored Gift Account."

Illeleji, Klein; agricultural & biological engineering, from Administration Alliance Nutrition, Inc., $8,000, "Illeleji Unrestricted Gift Account."

Irazoqui, Pedro; biomedical engineering, from Cyberonics, Inc., $1,200,000, "Core Technology Development Plan for Cyberonics Next-Generation Devices."

Ishii, Mamoru; nuclear engineering, from Nuclear Regulatory Commission, $51,894, "Suppression Pool Void Distribution During Blowdown Nrc 04-07-094 Task Order 6 Modification 1."

Ishii, Mamoru; nuclear engineering, from Nuclear Regulatory Commission, $137,165, "NRC Task 5 Subcontract Modification 3."

Ivantysynova, Monika and Lumkes, John H; agricultural and biological engineering, from University of Minnesota, $17,080, "Engineering Research Center(ERC) for Compact and Efficient Fluid Power -Industrial Funds Year 4." (a Discovery Park award — Energy Plant)

Iyer, Ananth V; management, from Kokomo/Howard County Development Organization, $82,500, "Greater Kokomo Economic Development Alliance (GKEDA) Supply Chain Transformation."

Jiang, Qin; foods & nutrition, from PHS-NIH National Cancer Institute, $19,902, "Gamma-Tocopherol as an Effective Anticancer Agent for Colon Cancer."

Jiang, Wen; biological sciences, from Cincinnati Childrens Hospital Medicine Center, $61,834, "Characterization of Human Caliciviruses."

Jordan, G L; management, from AMPurdue, $6,521, "BioRegeneration Technologies."

Jordan, Thomas N; botany & plant pathology, from Mendel Biotechnology Inc., $7,500, "Miscanthus Herbicide Research."


Kays, Michael B and Sowinski, Kevin M; pharmacy practice, from McNeil Laboratories, $98,566, "Steady-State Pharmacokinetics and Pharmacodynamics of Doripenem in Obese, Hospitalized Patients."

Keener, Kevin M; food science, from Gary & Mary Jane Panozzo, $200, "Multi-Sponsored Gift."

Kenttamaa, Hilkka I; chemistry, from PHS-NIH National Institute of General Medical Science, $213,409, "Mass Spectrometry Studies on Radical Reactions of DNA."

Key, Nicole L; mechanical engineering, from Rolls-Royce, Inc., $130,000, "Characterization of Centrifugal Compressor Performance."

Kin, Yulian; mechanical engineering – Calumet campus, from Layne Christensen DTC, $10,000, "Testing Against Fatigue Failures and Stress Analysis of Different Parts and Structures."

Koch, Andrew K; Student Access, Transition & Success Program, from Lumina Foundation, $25,000, "Indiana College Access and Success Network 2010 Meeting Sponsorship."

Koh, Cheng-Kok and Lu, Yung-Hsiang; electrical & computer engineering, from National Science Foundation, $200,000, "CI-ADDO: Collaborative Research: Development of DARwin Humanoid Robots for Research, Education, and Outreach."
Koltick, David S; physics, from ATK Launch Systems Inc., $46,776, "ATK Launch Systems Proprietary."

Koltick, David S; physics, from ATK Launch Systems Inc., $13,000, "ATK Launch Systems Proprietary (Statement of Work)."

Kranz, Sibylle; foods & nutrition, from Dry Bean Health Research Program, $10,000, "Long-Term Effect of Increased Legume Intake on Body Weight Status and Cardiovascular Disease Risk Factors in Preschool-Age Children.

Krupke, Christian H; entomology, from Pioneer Hi-Bred International, Inc., $3,600, "Entomology-Research."

Labi, Samuel and Sinha, Kumares C; civil engineering, from Indiana Department of Transportation, $150,000, "A Methodology for Highway Asset Valuation in Indiana, SPR-3427."

Lee, Seokcheon and Tanchoco, Jose M; industrial engineering, from Indiana Department of Transportation, $200,000, "Comprehensive Testing Guidelines to Increase Efficiency in INDOT Operations, SPR-3401."

Leonard, Laurence B; speech, language & hearing sciences, from National Institutes of Health, $482,434, "Input Sources of Grammatical Deficits in Specific Language Impairment."

Litster, James D; chemical engineering, from National Institute for Phrmctcl Technology & Education, $10,268, "Reviewer Education in State of the Art Pharmaceutical Manufacturing Technology." (a Discovery Park award — Discovery Park Administration)

Liu, Shuang; health sciences, from PHS-NIH National Cancer Institute, $263,567, "99mTC-Labeled Cyclic RGDFK Tetramers for Breast Cancer Imaging."

Lucht, Robert P; mechanical engineering, from Siemens Energy & Automation Inc., $50,000, "Distributed Combustion Study with Hydrogen Fuel (Task 3)."

Maier, Dirk E; agricultural & biological engineering, from Guy A & Michelle B Frommee, $3,000, "Crop Drying Project."

Mao, Chengde; chemistry, from Arizona State University, $79,129, "DNA Based Three-Dimensional Nanofabrication."

Mao, Chengde; chemistry, from New York University, $119,811, "F6470-01 Subcontract: Guided DNA Fabrication of Nanometer Scale Electron Devices and Sensors."

Mason, Linda J; entomology, from The Agribusiness Council of Indiana, $6,134, "Urban and Industrial Pest Management Research."

Masters, Mark F; Grove, Timothy T and Wang, Gang; physics – Fort Wayne campus, from American Physical Society, $7,000, "A Year-Long Laser Festival for Outreach."

Mathur, Aditya P; computer science, from National Consortium of Graduate Minorities in Engineering & Science, Inc., $4,167, "GEM Fellowship."

McCrorry, Kenric A; continuing studies – Fort Wayne campus, from Indiana Economic Development Corporation, $26,102, "Northeast Indiana Small Business Development Center."

McCrorry, Megan A; foods & nutrition, from U.S. Dry Bean Council, $10,000, "Effects of Legume Consumption Pattern on Postprandial Appetite Ratings, Energy Expenditures and Glycemic and Insulinemic responses."

McCullough, Bobby G; civil engineering, from Indiana Department of Transportation, $68,842, "Pavement Design Tools Including Training, SPR-3415."

McCullough, Robert G; anthropology – Fort Wayne campus, from Indiana Department of Administration, $1,37,1 "Archaeological Phase 1a Survey at the Seybold-Price House in Fountain City, Indiana."

McKinnis, David R; Technology Assistance Program, from Indiana University, $7,500, "SW IN Technology Showcase 2010."

Mengiste, Tesfaye D; botany & plant pathology, from National Science Foundation, $100,000, "The Role of Receptor Like Cytoplasmic Kinase Mediated Signaling in Plant Responses, Amendment 5."

Miller, Brian K; forestry & natural resources, from National Oceanographic & Atmospheric Administration, $137,197, "Conducting Extension and Outreach for Great Lakes Monitoring, Water Quality, and Legacy Programs, Amendment 4."

Moore, George E; comparative pathobiology, from Tom D & Alexa C Seip, $100, "Canine GDV / Bloat Research."

Morgan, John A; chemical engineering, from Iowa State University, $1,034,523, "A Genetically Tractable Microalgal Platform for Advanced Biofuel Production."

Morgan, John A; chemical engineering, from Eli Lilly and Company, $55,000, "Metabolic Flux Analysis and Proteomic Study of Chinese Hamster Ovary Cell Culture."

Mustillo, Sarah A; sociology, from Vanderbilt University, $149,292, "Improving Deployment-Related Primary Care Provider Assessments of PTSD and Mental Health Conditions."

Nash, Christiane L; pharmacy practice, from Abbott Laboratories, $10,000, "Diabetes Education Outreach Program."

Negishi, Ei-Ichi; chemistry, from NIH National Institute of General Medical Science, $30,829, "Synthetic Reactions Catalyzed by Transition Metals."

Niyogi, Devdutta S; agronomy, from National Science Foundation, $125,587, "Career: Assessing the Role of Land Surface Processes on the Climatic Changes in the Heavy Rain, Amendment 1."

Niyogi, Devdutta S; agronomy, from Smith, Norman D & Gloriann, $25, "State Climatology."

Niyogi, Devdutta S; agronomy, from Robert A & Bernadette K Bailey, $25, "State Climatology."

Novak, Robert E; speech, language & hearing sciences, from Indiana Lions Speech and Hearing Inc., $2,000, "Materials, Tests, Forms, and Equipment for the Audiology and Speech-Language Clinics."

Nyenhuis, John A; electrical & computer engineering, from Medtronic, Inc., $10,000, "MRI Testing of Contour 3-D Anuloplasty Ring, Amendment 1."

Ogg, James G; earth & atmospheric sciences, from BP America,Inc., $10,000, "Digital Time Scale."

Park, Johnny and Kak, Avinash C; electrical & computer engineering, from Sierra Nevada Corporation, $100,000, "Wide Area Surveillance Image Processing."

Pefoulis, Dimitrios; Adams, Douglas E; Jung, Byungho and Sadeghi, Farshid; electrical and computer engineering, mechanical engineering, from Office of Naval Research, $140,000, "Ultra Low-Size Self-Powered Wireless Sensors for Condition Monitoring of Cracks in Aircraft Structural Components." (a Discovery Park award — Birck Nanotechnology Center)

Pefoulis, Dimitrios; electrical and computer engineering, from University of California - Davis, $56,500, "Reconfigurable MEMS Filters for Cognitive Radio." (a Discovery Park award — Birck Nanotechnology Center)
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Peroulis, Dimitrios; electrical and computer engineering, from National Science Foundation, $80,000, "Career: Liquid Radio Frequency Electronics, Amendment 2." (a Discovery Park award — Birck Nanotechnology Center)

Pinal, Rodolfo; industrial & physical pharmacy, from Hoffmann-La Roche, Inc., $35,000, "Characterization of Amorphous Formulations."

Pinal, Rodolfo; industrial & physical pharmacy, from Eli Lilly and Company, $35,000, "CPRP."

Powley, Terry L; psychological sciences, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $46,993, "Autonomic Control of Body Weight and Feeding."

Preston, Gregory; agricultural statistics, from National Agricultural Statistics Service, $27,000, "Collection, Analysis & Publication of Primary Crop & Livestock Data."

Quagrainie, Kwamena K; agricultural economics, from Oregon State University, $450,000, "Improving Competitiveness of African Aquaculture through Capacity Building, Improved Technology, and Management of Supply Chain and Natural Resources (Phase III)."

Quagrainie, Kwamena K; agricultural economics, from Risk Management Agency, $70,000, "Risk Management Strategies in Aquaculture: Outreach and Technical Assistance Program for Indiana Producers."

Raftery, M D; chemistry, from Tragara Pharmaceuticals Inc., $15,000, "Structural Determination of Antibody Cross Reaction Compounds."

Raghunathan, Vijay; electrical & computer engineering, from National Science Foundation, $77,096, "Career: a Hardware-Software Approach to Enabling IN-Situ Visibility and Control in Wireless Embedded Systems."

Ragland, Darryl; Vemulapalli, Ramesh; Lenz, Stephen D and Pogranchniy, Roman M; veterinary clinical science, comparative pathobiology, from Kansas State University, $25,000, "Minority Research Initiatives Supported by the PRRS CAP"

Raizman, Eran; Turco, Ronald F and Wu, Ching C; comparative pathobiology, agronomy, from National Institute of Food & Agriculture, $375,000, "Tracking the Survival of Mycobacterium Paratuberculosis in Agriculture Land."

Ramirez, Julio A; Eigenmann, Rudolf; Brophy, Sean; Hacker, Thomas J; Pujol, Santiago; Bagchi, Saurabh; Malik, Tanu and Irfanoglu, Ayhan; civil engineering, electrical and computer engineering, engineering education, computer and information technology, cyber center, from National Science Foundation, $10,049,034, "NEES Operations: FY 2010-FY2014, Amendment 2." (a Discovery Park award — Cyber Center)

Raskin, Rose E; comparative pathobiology, from Antech Diagnostics, $600, "Immunocytochemistry Research."

Reicher, Zachary J; agronomy, from the Scotts Company, $2,000, "Turfgrass Weed Management Research Programs."

Reicher, Zachary J; agronomy, from FMC Corporation, $3,600, "Turfgrass Weed Management Research Programs."

Reicher, Zachary J; agronomy, from Midwest Regional Turf Foundation, $9,738, "Midwest Regional Turf Foundation."

Reklaitis, Gintaras V and Lister, James D; chemical engineering, from National Institute for Prmctcl Technology & Education, $76,651, "Development of Quality by Design (QbD) Guidance Elements on Design Space Specifications Across Scale with Stability Considerations."

Rhee, Jaehyon; physics, from National Aeronautics and Space Administration, $108,794, "The Discovery and Analysis of Very Metal-Poor Stars in the Galaxy, Supplement 2."

Richert, Brian T; animal sciences, from AB Vista Feed Ingredients, $5,000, "Multi-Sponsored."

Sacks, Elisha P; computer science, from National Science Foundation, $300,000, "AF: Medium: Collaborative Research: Approximate Computational Geometry via Controlled Linear Perturbation."


Sands, Laura P; nursing, from VA Medical Center/San Francisco, $10,000, "Improving Assessment of Patient Preferences in Localized Prostate Cancer."

Sands, Laura P; nursing, from University of California — San Francisco, $46,654, "Pathophysiology of Postoperative Delirium in Older Patients."

Sands, Timothy D; materials engineering, from Office of Naval Research, $35,000, "Composition-Modulated Nanowire Arrays for Thermoelectric Power Generation." (a Discovery Park award — Birck Nanotechnology Center)

Sands, Timothy D; materials engineering, from Office of Naval Research, $90,358, "Composition-Modulated Nanowire Arrays for Thermoelectric Power Generation." (a Discovery Park award — Birck Nanotechnology Center)

Schendel, Dan E; management, from Strategic Management Society, $2,086, "Strategic Management Society."

Sheehan, Amy H; pharmacy practice, from PHS-FDA Food and Drug Administration, $30,000, "FDA Fellowship."

 Shields, Cleveland G and Macdermid Wadsworth, Shelley; child development & family studies, college of consumer & family sciences, from University of California-Los Angeles, $101,957, "Adaptation of FOCUS for Couples."

Shih, Tom I; aeronautical & astronautical engineering, from Ames Laboratory, $40,000, "Computational Analysis of Advanced Cooling Strategies for High-Efficiency and Long-Service Life Turbines."

Shin, Yung C; mechanical engineering, from Nanohmics Inc., $252,921, "Laser Assisted Machining with Integrated Dynamic Tooling."

Shively, Gerald E; agricultural economics, from University of Wisconsin-Madison, $108,451, "AMA BASIS CRSP: Natural Capital and Poverty Reduction."

Shukle, Richard H; entomology, from Agricultural Research Service, $13,455, "Acquisition of Goods and Services."

Sinfelt, Joseph V; civil engineering, from Indiana Department of Transportation, $198,853, "Non-Destructive Evaluation of the Condition of Subsurface Drainage in Pavement Using GPR."

Singleton, Timothy J; WBAA, from Corporation for Public Broadcasting, $13,805, "Corporation for Public Broadcasting Fiscal Stabilization Grant."

Sinha, Kumares C; civil engineering, from Indiana Department of Transportation, $375,000, "Joint Transportation Research Program 2009-2010 Funds."

Sinha, Kumares C; civil engineering, from Flint Trading Inc., $2,100, "JTRP Supplementary Research Account."
Sinha, Kumares C; civil engineering, from Peckham Industries, Inc., $2,000, “JTRP Supplementary Research Account.”

Skeel, Robert D and Sameh, Ahmed H; computer science, from National Science Foundation, $162,160, “Collaborative Research: Advanced Methodology for Calculation of Pairwise Interactions.” (a Discovery Park award — Cyber Center)

Sloan, Mary Anne; Technology Assistance Program, from Indiana State Department of Health, $55,750, “MLC-3.2, Amendment 3.”

Sloan, Mary Anne; Technology Assistance Program, from Indiana State Department of Health, $93,000, “ISDH PHSQIP, Amendment E.”

Smith, Richard S; food science, from Mark A Sloneker, $1,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Fona International Inc., $1,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Maplehurst Bakeries Inc., $1,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Maplehurst Bakeries Inc., $2,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Kroger Company, $7,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Pierre, $1,500, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Phillip E & Sue B Nelson, $1,000, “Food Science Research.”

Smith, Richard S; food science, from Kroger Company, $4,000, “Sensory Evaluation Research.”

Sorge, Brandon; office of engagement, from Eli Lilly and Company, $35,000, “I-Stem Resource Network.”

Sorge, Brandon; office of engagement, from Eli Lilly and Company Foundation, $22,000, “I-Stem Resource Network.”

Stansbury, Betty M; airport operations, from Indiana Department of Transportation, $9,284, “Airport Hangar 7 Helicopter Parking Area and Apron Expansion.”

Strickland, Elizabeth A and Heinz, Michael G; speech, language & hearing sciences, biomedical engineering, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $355,902, “Temporal Effects in Forward Masking, Suppression, and Simultaneous Masking”

Stuart, Jeffrey J; entomology, from Fred Gould, $2,000, “Multi-Sponsor.”

Sudhoff, Scott D and Pekarek, Steven D; electrical & computer engineering, from Florida State University, $105,583, “Electric Ship Research and Development Consortium.”

Sudhoff, Scott D and Pekarek, Steven D; electrical & computer engineering, from Florida State University, $316,750, “Electric Ship Research and Development Consortium.”

Tao, Weiguo A; biochemistry, from PHS-NIH National Center for Research Resource, $184,953, “Proteomic Studies of Dendrimer-Based Nanomedicines.”

Tarlo, Andrew P; civil engineering, from Indiana Department of Transportation, $100,000, “Updating and Recalibration of Roadhat for INDOT and Local Public Agencies, SPR-2010.”

Tharp, Susan J; field extension educators, from Learning Network of Clinton County, $49,994, “Clinton County Learning Network Coordinator Support.”

Thomas, Joseph; pharmacy practice, from Rehabilitation Hospital of Indiana, $21,979, “Outcomes and Perceived Needs Among Individuals with TBI and SCI in Indiana.”

Thompson, David H; chemistry, from PHS-NIH National Institute of General Medical Science, $49,233, “Development of Biore sponsive Lipids for Intracellular Delivery.”

Thompson, David H; chemistry, from PHS-NIH National Institute of General Medical Science, $293,294, “Development of Biore sponsive Lipids for Intracellular Delivery.”

Tomar, Vikas; aeronautical & astronautical engineering, from University of Notre Dame, $53,100, “Nanocomposite Materials Design Optimization with Experimental Validation for Engineered Microstructure at Multiple Length-Scales.”

Topp, Elizabeth M; industrial & physical pharmacy, from PHS-NIH National Institute of General Medical Science, $248,552, “Protein Aggregation in Amorphous Solids.”

Tsoukalas, Lefteri and Choi, Chan K; nuclear engineering, from University of Utah, $249,210, “Intelligent Model-Assisted Sensing System (IMASS) for Fast and Accurate Nuclear Material Interrogation.”


Wang, Xiuling; mechanical engineering – Calumet campus, from Los Alamos National Laboratory, $41,670, “A Collaborative Effort in Developing KIVA-HPFE Package.”

Wassgren, Carl R and Basu, Prabir K; mechanical engineering, center for advanced manufacturing, from National Institute for Phrmcctlc Technology & Education, $66,449, “Approach to the Understanding and Predicting Excipient Properties and Functionalities.” (a Discovery Park award — Discovery Park Administration)

Weaver, Connie M; foods & nutrition, from Wyeth Consumer Healthcare Division, $41,198, “CT-07-05 Calcium Absorption Study.”

Weiss, Howard M; psychological sciences, from Gerald S Wasserman, (Individual Donor), $400, “Organized Research (Gift Fund).”

Weiss, William J; Chen, Weinong W; Handwerker, Carol A and Stach, Eric A; civil engineering, aeronautical & astronautical engineering, materials engineering, from Army Corps of Engineers, $1,000,000, “Nano-Modified Cement for High Strength Concrete with Improved Mechanical Performance and Blast Resistance.”

Weiss, William J and Zavattieri, Pablo D; civil engineering, from Indiana Department of Transportation, $250,000, “Removing Obstacles for Pavement Cost Reduction by Examining Early Age Opening Requirements, SPR-3403.”

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.”
Wereley, Steven T; mechanical engineering, from Ikotech, LLC, $16,401, "Magnetic Purification of Stem Cells from Cord Blood.” (a Discovery Park award — Birck Nanotechnology Center)

Whitford, Fred; botany & plant pathology, from Ohio Turfgrass Foundation, $500, "Purdue Pesticide Programs.”

Whiting, Nancy M; civil engineering, from Indiana Department of Transportation, $175,987, "Hydraulic Fracture Test to Determine Aggregate Freeze-Thaw Durability, SPR-3402.”

Wilker, Jonathan J; chemistry, from Office of Naval Research, $150,000, "Biomimetic Cross-Linking Polymers for Underwater Adhesives.”

Williams, Ralph E; entomology, from Y-Tex Corporation, $6,000, "Entomology Research.”

Winer, Charles R; computer information technology – Calumet campus, from University of Massachusetts, $36,648, "Advancing the Successful IT Student through Enhanced Computational Thinking (ASSECT).”

Woloshuk, Charles P; botany & plant pathology, from Kansas State University, $45,770, "Cimspip2: Integrated Management of Storage Pests from the Farm to Table.”

Woloshuk, Charles P; botany & plant pathology, from National Institute of Food & Agriculture, $365,500, "Understanding the Response of Fusarium Verticillioides to a Maize Kernel Environment.”

Woodward, Pandora J; field extension educators, from Community Foundation of Wabash County, $1,225, "Purdue Extension School Enrichment Programs.”

Wu, Ching C and Lin, Tsang Long; comparative pathobiology, from Pennsylvania State University, $25,000, "JDIP-Epidemiology and Transmission Project.”

Xu, Jin-Rong and Tao, Weiguo A; botany & plant pathology, biochemistry, from Cooperative State Research Service, $970,300, "The Interactome of Pathogenicity Factors in the Rice Blast Fungus Magnaporthe Oryzae.”

Xu, Xianfan; mechanical engineering, from Information Storage Industry Consortium, $17,500, "Vol. Support.”

Yau, David K; computer science, from Oak Ridge National Laboratory, $142,000, "Robust Detection and Localization of Low-Level Radiation Sources.”


Zhang, Dabao; statistics, from Cook Incorporated, $13,920, "Cook Medicine Institute.”

Zhou, Chenn Q; mechanical engineering — Calumet campus, from Mittal Steel Company, $5,000, "Simulation of a SINTER COOLER.”

Zinsmeister, William J; earth & atmospheric sciences, from ExxonMobil Foundation Fund, $7,500, "Zinsmeister Research.”

Zollner, Patrick A and Fernandez-Juricic, Esteban; forestry & natural resources, biological sciences, from Indiana Department of Natural Resources, $13,500, "Using Virtual Ecology Techniques to Inform the Recreational Planning of Fort Harrison State Park.”

Zoltowski, Michael D and Bell, Mark R; electrical & computer engineering, from University of Illinois at Chicago, $118,161, "MURI: Waveform Diversity for Full Spectral Dominance.”

Notice Regarding Sponsored Program Awards

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