Abbott, Angela R; consumer & family sciences, from Central Indiana Community Foundation (CICF), $100,000, “Support of Implementation of the Benefit Bank.”


Abel, Steven R; pharmacy practice, from R.L. Roudebush Veterans Administration Medical Center, $59,870, “R.L. Roudebush VA Medical Center for Deanna Kania.”

Adamo-Villani, Nicoletta and Popescu, Voicu S; computer graphics technology, computer science, from Dr. William M. Scholl Foundation, $25,000, “Life-Like Computer Animation of American Sign Language — from Research to Classroom.”

Adeola, Olayiwola; animal sciences, from AB Vista Feed Ingredients, $67,388, “Evaluation of Various Ca Levels and Phytase on Broiler Growth Performance, Bone Parameters, and Ca and P Digestibility.”

Adeola, Olayiwola; animal sciences, from JBS United Inc., $5,000, “JBS United, Inc.”

Agrawal, Rakesh; chemical engineering, from Purdue Research Foundation: XR Grant, $16,795, “Integrative Graduate Education and Research Traineeship (IGERT): the Solar Economy IGERT (SEIGERT)”

Agrawal, Rakesh; chemical engineering, from National Science Foundation, $40,500, “10/11 NSF Fellowship for Julie Kadams.”

Akkus, Ozan; biomedical engineering, from University of Cincinnati Education and Research Center, $8,000, “A Pilot Study: Body Damping and Bone Fracture.”

Aldrich, Daniel P; political science, from Japan Foundation Center for Global Partnership, $4,546, “AAS 2011 Out of the Ashes: Post-Crisis Recovery in Asia.” (a Discovery Park award — Purdue Climate Change Research Center)

Allebach, Jan P; electrical & computer engineering, from Hewlett Packard, $75,000, “Integrated Print Quality Evaluation.”

Allebach, Jan P; electrical & computer engineering, from Hewlett Packard, $75,000, “Training Based Halfoning Algorithms for Better Halftone Image Quality for the HP Digital Press-Phase 6.”

Anderson, Joseph M; agronomy, from PCS Administration (USA), Inc., $20,000, “Potassium Management.”

Anderson, Joseph M; agronomy, from Suzanne M Cunningham, $100, “Indiana Arborists Association, Inc.”

Appenzeller, Joerg; electrical & computer engineering, from University of California-Los Angeles, $110,000, “Functional Engineered Nano Architectonics.” (a Discovery Park award — Birck Nanotechnology Center)

Ariyur, Kartik B; mechanical engineering, from Honeywell Inc., $10,000, “System ID for Smart Metering and Home Energy Control.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from The National GEM Consortium, $4,167, “09/10 Fellowships GEM Engineering for Kenie Moses.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from The National GEM Consortium, $4,167, “Spring 11 Fellowships GEM Engineering for Alen Jones.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from The National GEM Consortium, $4,167, “Spring 11 Fellowships GEM Engineering for Alen Jones.”

Baldwin, Michael E; earth & atmospheric sciences, from National Science Foundation, $40,500, “10/11 NSF Fellowship B Schwedler.”

Banuelos, Rodrigo; mathematics, from National Science Foundation, $40,500, “10/11 J. Weigandt-NSF Graduate Research Fellowship.”

Bayley, William G; chemistry, from Annette M Maier, $1,000, “Instrument Van Project.”

Bayley, William G; chemistry, from Annette M Maier, $300, “Instrument Van Project.”

Beard, Jane A; field extension educators, from Daviess County Community Foundation, $1,000, “Reality Language Expansion.”

Ben-Amotz, Dor; chemistry, from National Science Foundation, $14,000, “NSF Graduate Research Fellowship for Amanda Hemphill.”


Boushey, Carol J and Delp, Edward J; foods & nutrition, electrical & computer engineering, from University of Maryland, $23,740, “Domoic Acid Neurotoxicity in Native Americans.”

Boushey, Carol J; foods & nutrition, from Baylor College of Medicine, $32,542, “An Interactive Web-Based Program to Improve Food and Activity Choices of High School Students.”

Bowen, Gabriel J; earth & atmospheric sciences, from Eli Lilly and Company, $1,743, “Stable Isotope Analysis of Pharmaceutical Materials.”

Brady, Thomas F; technology - North Central campus, from University of Wisconsin - Superior, $20,000, “The Economics of a Bi-State Truck Ferry.”

Buhman, Kimberly K; foods & nutrition, from American Heart Association, $26,000, “Regulation of Intestinal Triglyceride Metabolism: Signal from Adipose Tissue for A. Uchida.”

Bullock, Darcy M; civil engineering, from Indiana Department of Transportation, $165,000, “SPR 3531: Traffic Operation Mobility Measures.”

Bullock, Darcy M; civil engineering, from Indiana Department of Transportation, $125,000, “SPR 3530: Best Practices for Roundabouts on State Highways.”
Bullock, Darcy M; civil engineering, from Indiana Department of Transportation, $85,000, “SPR 3528: Alternative RPM Techniques.”

Byrn, Stephen R and Smith, Daniel T; industrial & physical pharmacy, from Science Applications International Corp, $12,000, “Study to Support Formulation of a Small Molecule with Therapeutic Potential for Spinal Muscular Atrophy.”

Chandrasekar, Srinivasan and Trumble, Kevin P; industrial engineering, materials engineering, from M4 Sciences Corporation, $30,000, “Production of Large Steel Plate by Machining-Based Severe Plastic Deformation.”

Chaubey, Indrajeeet; agricultural & biological engineering, from National Science Foundation, $40,500, “2009 National Science Foundation Graduate Reserach Fellowship for Rebecca A Logsdon.”

Chaubey, Indrajeeet; Govindaraju, Rao S; Niyogi, Devdutta S and Song, Xiaohui C; agricultural & biological engineering, civil engineering, agronomy, Rosen Center for Advanced Computing, from National Institute of Food and Agriculture, $492,797, “Development of Drought Triggers for Agricultural Applications.”


Cheng, Ji-Xin; biomedical engineering, from Army Medical Research Acquisition Activity, $113,044, “Highly Effective Screening of Breast Cancer Risk and Protective Factors.”

Cheng, Ji-Xin; biomedical engineering, from Loral USA, $50,000, “SRS Imaging of Deuterated Compound in Skin Cells.”

Constable, Peter D; veterinary clinical science, from Magrane Animal Hospital PC, $8,644, “Support for Ophthalmology Residency.”


Corde, Samuel M; Office of Engagement, from Multi-Sponsored Industrials, $20,000, “Support of Southeastern Small Business Development Center (SBDC).”

Datta, Supriyo; electrical & computer engineering, from University of Michigan, $9,731, “High-Temperature Spin-Based Devices, Amendment 3.”

Davis, Susan B; Office of Engagement, from Indiana Economic Development Corporation, $2,140, “Hoosier Heartland Small Business Development Center CY 2010 - $2,139.53 Increase.”

Davidson, Vincent J; medicinal chemistry & molecular pharmacology, from University of Notre Dame, $42,500, “Advancement of New Anticancer Agents.” (a Discovery Park award — Bindley Bioscience Center)

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


Donkin, Shawn S; animal sciences, from Zinpro Corporation, $15,000, “Ruminant Research.”

Doudareva, Natalia; horticulture & landscape architecture, from University of Kentucky, $55,597, “Advancing Drug Development in Medicinal Plants Using Transcriptomics and Metabolomics.”

Drachev, Vladimir P and Kildishev, Alexander V; electrical & computer engineering, from UES Inc., $28,000, “Parameter Retrieval and Evaluation of Optical Metamaterials Using Spectroscopic Ellipsometry.” (a Discovery Park award — Birck Nanotechnology Center)

Egel, Daniel S; botany & plant pathology, from E. I. Du Pont de Nemours and Co., $18,000, “Potassium Management.”

Eicher, Susan D; animal sciences, from Agricultural Research Service, $7,413, “Acquisition of Goods and Services - Deng Pan.”

Ferruzzi, Mario; food science, from M4 Sciences Corporation, $30,000, “Protein Nutraceuticals: Development of Novel Bioactive Peptides for Nutritional Countermeasures.”

Field, William E; agricultural & biological engineering, from Kossuth Street Baptist Church, $25, “Breaking New Ground.”

Field, William E; agricultural & biological engineering, from Kossuth Street Baptist Church, $25, “Breaking New Ground.”

Field, William E; agricultural & biological engineering, from Kossuth Street Baptist Church, $25, “Breaking New Ground.”

Field, William E; agricultural & biological engineering, from Kossuth Street Baptist Church, $25, “Breaking New Ground.”


Fisher, Timothy; mechanical engineering, from Raytheon, $225,100, “Defense Advanced Research Projects Agency (DARPA) Thermal Ground Plane Program: Micro-Scale Transport Analysis and Characterization and Nanostructural Wick Material System Development.” (a Discovery Park award — Birck Nanotechnology Center)

Fisher, Timothy; Xu, Xianfan and Murthy, Jayathi Y; mechanical engineering, from Raytheon, $90,000, “Development of Nano Thermal Interface Materials.” (a Discovery Park award — Birck Nanotechnology Center)

Fleet, James C; foods & nutrition, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $289,391, “Intestinal Calcium Absorption: Molecular Mechanism.”

Fleeter, Sanford; mechanical engineering, from Purdue Research Foundation: Xr Grant, $16,795, “Comprehensive Wind Energy Program.”

Florax, Raymond; agricultural economics, from University of Minnesota, $9,997, “Farmer Access to Regional Meat Processing Capacity in the North Central Region - A Spatial Approach.”
Frankenberger, Jane R; Lowenberg-Deboer, James M and Rochon, Gilbert L; agricultural & biological engineering, international programs in agriculture, Rosen Center for Advanced Computing, from Virginia Polytechnic Institute and State University, $70,321, “Senegal Capacity Building for Agricultural Education and Research Project (CBAER).”

Fricke, Jon D and Sinha, Kumares C; civil engineering, from Indiana Department of Transportation, $200,000, “SPR-3428 Employing Asset Management to Control Costs and Sustain Highway Levels of Service.”

Garmella, Suresh V; mechanical engineering, from Office of Naval Research, $37,950, “Microscale Void Fraction Measurement and Two-Phase Flow Regime Transition Models, Mod 1.”

Geahlen, Robert L and Tao, Weiguo A; medicinal chemistry & molecular pharmacology, biochemistry, from PHS-NIH National Cancer Institute, $226,236, “Syk and Associated Proteins in Breast Cancer.”

Geahlen, Robert L; medicinal chemistry & molecular pharmacology, from PHS-NIH National Cancer Institute, $217,951, “Tyrosine Protein Kinases and Lymphocyte Activation.”

Geahlen, Robert L; pharmacy - administration, from PHS-NIH National Cancer Institute, $48,169, “Tyrosine Protein Kinases and Lymphocyte Activation.”

Gelvin, Stanton B; biological sciences, from Biotechnology Research & Development Center, $60,000, “Aptamers to Determine Protein Function in Plants.”

Gelvin, Stanton B; biological sciences, from Biotechnology Research & Development Center, $112,014, “Plant Global Regulator of Agrobacterium Transformation.”

Ghiselli, Richard F; hospitality & tourism, from Daydots, $5,000, “Hospitality & Tourism Management (HTM) Advisory Council.”

Ghosh, Arun K; medicinal chemistry & molecular pharmacology, from Japan Science Foundation, $174,723, “Development of New-Generation CCR5 Inhibitors as Therapeutics of HIV-Infection.”


Golub, Alla A and Hertel, Thomas W; agricultural economics, from Food and Agriculture Organization of the United Nations, $80,000, “Analysis of Effects of Greenhouse Gas Mitigation Policies on Livestock Sectors.”


Hamaker, Bruce R; food science, from Nestle, $280,000, “Non-Starch Polysaccharides (NSPs) from Alternative Wholegrains and Their Improvement of Human Fecal Fermentation through Enzymatic Treatment.”

Handwerker, Carol A and Spitzer, Robert H; materials engineering, from Mittal Steel Company, $5,000, “Effect of Quench Solution on Oxide Modification: Independent Research Project Work in 2010-11.”

Handwerker, Carol A; materials engineering, from Science Applications International Corp, $50,001, “Research and Development Support for Naval Surface Warfare Centers (NSWC) Crane Circuit Board Branch (GXST).”

Harilal, Sivanandan and Hassanein, Ahmed; nuclear engineering, from PHS-NIH National Center for Research Resource, $164,615, “Development of Efficient Table-Top Laser-Produced Plasma Sources for Water-Wind Microscopy.” (a Discovery Park award — Energy Center)

Hertel, Thomas W; agricultural economics, from Johann Heinrich Von Thunen Institute (vTI), $19,675, “GTAP (Global Trade Analysis Project) Consortium.”

Hertel, Thomas W; agricultural economics, from Johann Heinrich Von Thunen Institute (vTI), $19,650, “GTAP (Global Trade Analysis Project) Consortium.”

Hertel, Thomas W; agricultural economics, from Johann Heinrich Von Thunen Institute (vTI), $19,650, “GTAP (Global Trade Analysis Project) Consortium.”

Hirleman, E D; mechanical engineering, from National Science Foundation, $40,500, “10/11 NSF Fellowship, Benjamin A Baker.”

Hirleman, E D; mechanical engineering, from National Science Foundation, $40,500, “NSF Graduate Research Fellowships Program (GRFP) Fellowship, Jordan Kelleher.”

Hirleman, E D; mechanical engineering, from National Science Foundation, $40,500, “NSF Graduate Research Fellowships Program (GRFP) Fellowship, Carrie Hall.”

Hofle, Thomas A; business - North Central campus, from Indiana Campus Compact, $900, “VITA Service Learning Program.”

Holland, Jeffrey D; entomology, from Indiana Academy of Science, $1,800, “DNA Barcoding of Indiana’s Least Wanted Wood-Borers.”

Hoo, Tomas O; forestry & natural resources, from Electric Power Research Institute (EPRI), $48,681, “2nd Year Funding EP-35005/C15903 Grant 204478.”

Hook, Tomas O; Bowen, Gabriel J and Troy, Cary D; forestry & natural resources, earth & atmospheric sciences, civil engineering, from Great Lakes Fishery Commission, $384,972, “The Role of Tributaries and River Plumes as Nursery Areas for Yellow Perch and Round Gobies in Lake Michigan.”

Howe, Katherine M; botany & plant pathology, from Multi-Sponsored Industrials, $100, “Katherine Howe Gift Fund.”

Hubbard, Bryan J; building construction & management technology, from Southern Polytechnic State University, $9,673, “Nuclear Construction Cranes and Heavy Lift Curriculum Development.”

Hubbard, Bryan J; building construction & management technology, from University of Cincinnati Education and Research Center, $6,525, “Exposure Assessment and Real-Time Evaluation of Roadway Surface Planer Dust Control Technology for Highway Constructions Applications.”

Huber, Matthew; earth & atmospheric sciences, from Purdue University, $9,134, “ Bridges to Sustainability: Research Workshops with the Australian & New Zealand Institutions.”

Huleji, Klein; agricultural & biological engineering, from Archer Daniels Midland Co, $109,335, “Lignocellulosic Biomass as Carriers for Liquid Coproduct Streams from Wet and Dry Mill Ethanol Processing and Biodiesel Production for Livestock Feed.”

Irudayaraj, Joseph M; agricultural & biological engineering, from PHS-NIH National Institute of Environmental Health Sciences, $300,806, “Chemical Mapping of Chromate Uptake, Localization, and Reduction in Remediating Bacteria Using Surface-Enhanced Raman Scattering Substrates.” (a Discovery Park award — Birck Nanotechnology Center)

Ishii, Mamoru; nuclear engineering, from Nuclear Regulatory Commission, $40,000, “Task Order 8: Trace Code Models and Correlations Development, Modification 3.”

Ishii, Mamoru and Hibiki, Takashi; nuclear engineering, from Nuclear Regulatory Commission, $65,000, “Task 9: Void Fraction in Large Diameter Pipes, Modification 1.”

Ishii, Mamoru; nuclear engineering, from Nuclear Regulatory Commission, $20,000, “Task Order 7: Trace Interfacial Area Transport Model Development, Modification 3.”

Ivantysynova, Monica; Lumkes, John H; Martini, Ashlie M and Vacca, Andrea; agricultural & biological engineering, mechanical engineering, from University of Minnesota, $540,975, “Engineering Research Center (ERC) for Compact and Efficient Fluid Power; Amendment 10 (Revised).” (a Discovery Park award — Energy Center)
Ivantysynova, Monika; Lumkes, John H; Martin, Ashlie M; and Vacek, Andrea; agricultural & biological engineering, mechanical engineering, from University of Minnesota, $85,000, “Engineering Research Center (ERC) for Compact and Efficient Fluid Power Amendment 10.” (a Discovery Park award — Energy Center)

Jiang, Wen; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $327,263, “Structural Basis of Bacteriophage T7 Assembly and DNA Packaging.”

Johnson, William G; botany & plant pathology, from Du Pont Crop Protection, $5,000, “Weed Research.”

Johnson, William G; botany & plant pathology, from Du Pont Crop Protection, $4,200, “Weed Research.”

Johnston, Cliff T; agronomy, from Clay Minerals Society, the, $23,087, “Memorandum of Understanding Between Department of Agronomy Purdue University and Clay Mineral Society.”

Jung, Byunghoo; electrical & computer engineering, from OpCoast LLC, $50,000, “Orthopeternets Phase II Proposal.”


Kenney, Rachael H; mathematics, from Purdue University Discovery Park Seed Grant Program, $27,628, “Writing to Learn Mathematics: Teacher Reflection on the Use of Writing as a Tool to Support Student Learning in the Mathematics Classroom.”

Kenttamaa, Hilkka I; chemistry, from ConocoPhillips, $50,000, “Purdue and ConocoPhillips Oil Samples.”

Key, Nicole L; mechanical engineering, from Rolls-Royce, Inc., $40,000, “Characterization of Centrifugal Compressor Performance.”

Kildishev, Alexander V and Shalaev, Vladimir M; electrical & computer engineering, from Raytheon, $50,000, “All-Dielectric Low-Loss Optical Metamaterials.” (a Discovery Park award — Birck Nanotechnology Center)

Kladivko, Eileen J; agronomy, from Conservation Technology Information Center, $20,400, “Cover Crops for Great Lakes Water Quality.”

Krupke, Christian H; entomology, from Anvac Chemical Corporation, $7,000, “Krupke - Entomology - Research.”

Kutz, Gary W; agricultural & biological engineering, from Parker Hannifin Corp., $82,895, “S4 (Phase III).”

Labi, Samuel and Sinha, Kumares C; civil engineering, from Indiana Department of Transportation, $100,675, “Updating, Upgrading, Refining, Calibration and Implementation of Trade-Off Analysis Methodology Developed for Indiana Department of Transportation (INDOT).”

LaCount, Douglas J; medicinal chemistry & molecular pharmacology, from University of Notre Dame, $9,609, “Yeast Two-Hybrid Analysis of Plasmidium Falciparum.”

Lay, Donald C; animal sciences, from Agricultural Research Service, $7,413, “Acquisition of Goods and Services - Stephanie Wisdom.”

Leary, James F; basic medical science, from Techshot, $55,000, “Point-of-Care Melanoma CTC Monitor.” (a Discovery Park award — Birck Nanotechnology Center)

Leclere, Sophie A and Gruenbaum, Ellen R; basic medical science, anthropology, from Purdue University, $27,030, “Public Health Policies for Breast Cancer Prevention Research: a Global Venture.”

Litster, James D; chemical engineering, from UOP LLC, $208,000, “Regime Separated Grulation of Adsorbents and Catalysts.”

Liu, Xiaoiq; Cancer Research Center, from Pardee, Elsa U. Foundation, $125,000, “PK1 in Chemoresistance of Cancer.”

Lopez, Roberto G; horticulture & landscape architecture, from Multi-Sponsored Industries, $3,500, “Multi-Sponsored Gift Account.”

Lowenberg-Deboer, James M and Tyner, Wallace E; International Programs in Agriculture, agricultural economics, from Purdue University, $10,000, “Proposal for Joint Purdue-Brazil Symposium on Bio-Energy: Spring 2011.”

Lundstrom, Mark S and Alam, Muhammad A; electrical & computer engineering, from Energy Research Inc., $300,000, “Network of Photovoltaic Technology.”

Lundstrom, Mark S; electrical & computer engineering, from Semiconductor Research Corporation, $102,839, “Amendment No 2 Year 4 Funding SRC -2009-VJ-1871 Grant 203630.”

Luo, Zhao-Qing and Hazbun, Tony R; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $187,594, “The Roles of Host Factors in the Amylization Activity of a Bacterial Effector.”

Luo, Zhao-Qing; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $258,978, “Modulation of Host Apoptotic Pathways by Legionella Pneumophila.”


MacGeorge, Erina L; communication, from Georgetown University, $104,495, “Cultural Similarities and Differences in Meanings and Consequences of Advice.”

McDaniel, Rebecca S; civil engineering, from Edward C Levy Co., $2,000, “Joint Transportation Research Program (JTRP) Supplementary Research Account.”

McKinley, Steven K; youth development & agricultural education, from Kansas State University, $92,000, “Operation: Military Kids 2011 OMK Application - Renewal.”

Melosh, Henry J; earth & atmospheric sciences, from Sigma Xi, $1,000, “Multi-Sponsored Voluntary Support Fund.”


Mickelbart, Michael V; horticulture & landscape architecture, from Bayer Cropscience LP, $2,500, “Landscape Architecture Research.”


Morgan, Mark T; food science, from Taylor Farms California Inc, $8,000, “Food Science Research.”

Murthy, Jayathiy Y; Alam, Muhammad A; Bajaj, Anil K; Chen, Weinong W; Grama, Ananth Y; Peroulis, Dimitrios and Strachan, Alejandro H; mechanical engineering, electrical & computer engineering, aeronautical & astronomical engineering, computer science, materials engineering, from U.S. Department of Energy, $500,000, “PRISM: Center for Prediction of Reliability, Integrity and Survivability of Microsystems; Modification 6.” (a Discovery Park award — Energy Center)

Nauman, Eric A; Leverenz, Larry J and Talavago, Thomas M; mechanical engineering, health & kinesiology, electrical & computer engineering, from Simbex, $61,480, “Characterization of an Assessment System for Head Trauma in High School Football Players.”

Nennich, Tamilee D and McMillan, John E; animal sciences, intercollegiate athletics-administration, from University of Minnesota, $9,800, “Evaluation of Grain Amaranth and Quinoa as Forage Crops to Improve the Sustainability and Profitability of Small Livestock Operations.”

Nennich, Tamilee D; animal sciences, from Michigan State University, $11,406, “Development of National Air Quality Self-Assessment Tool (AQSAT) for Livestock Producers.”

Neu, Corey P; biomedical engineering, from National Science Foundation, $40,500, “National Science Foundation Graduate Research Fellowships (GRF).”
Neu, Corey P; biomedical engineering, from Trask Trust Fund, $40,000, “Magnetic Prototyping for Osteochondral Repair in a Large Animal Model.”

Niyogi, Devdutta S; agronomy, from Butler University, $12,632, “FLOW: an Innovative Educational Toolkit for River Awareness.”


Nyenhuis, John A; electrical & computer engineering, from Angiomed GmbH & Co Medizintechnik Kg, $15,000, “MRI Tests on Stents.”

Ogg, James G; earth & atmospheric sciences, from James E. & Betty Jane Ogg (Individual Donor), $10,000, “Digital Time Scale.”

Olek, Jan and McDaniel, Rebecca S; civil engineering, from Indiana Department of Transportation, $385,000, “Superpave Funding.”

Olszewski, Lynn T; nursing - Calumet campus, from Indiana University, $275,934, “Northwest Indiana Area Health Education Center (AHEC) 2010-2011.”

Oseto, Christian Y and Carroll, Natalie J; entomology, youth development & agricultural education, from National 4-H Council, $4,300, “Teaming with Insects.”

Overholser, Brian R; pharmacy practice, from PHS-NIH National Heart, Lung, and Blood Institute, $138,216, “Probing the Atrial Arrhythmogenic Substrate with Sustained Adrenergic Stimulation.”


Pastakia, Sonak D; pharmacy practice, from Purdue University, $29,766, “Bridging Income Generation with Provision of Incentives for Care (BIGPIC).”


Pratt, Debra H; education - North Central campus, from Indiana Campus Compact, $2,250, “Building Character through Service Learning.”

Preckel, Paul V; agricultural economics, from Purdue University, $21,479, “Increasing Electricity Trading and Environmental Sustainability in Southeast Europe.”

Radcliffe, David F; engineering education, from National Science Foundation, $40,500, “10/11 Michelle I Strutz NSF Fellowship Single-Molecule Probing of Binding to Receptors.”

Radcliffe, David F; engineering education, from Ross Graduate Fellowship-Assistanship, $17,173, “Joi-Lynn Mondisa.”

Ramirez, Julio A; Eigenmann, Rudolf; Brophy, Sean; Hacker, Thomas J; Pujol, Santiago; Bagchi, Saurabh and Irfanoglu, Ayhan; civil engineering, electrical & computer engineering, engineering education, computer & information technology, from National Science Foundation, $9,000,000, “Network for Earthquake Engineering Simulation (NEES) Operations: FY 2010, Amendment 7.” (a Discovery Park award — Cyber Center)

Raskin, Rose E; comparative pathobiology, from Antech Diagnostics, $4,400, “Immunocytochemistry Research.”

Raskin, Rose E; comparative pathobiology, from Antech Diagnostics, $100, “Immunocytochemistry Research.”

Ratliff, Timothy L; Cancer Research Center, from Walther Cancer Institute Foundation Inc, $15,239, “Molecular Diagnosis and Evaluation Shared Resource.”

Raymond, Leigh S; political science, from Purdue University, $19,978, “All (Climate) Politics Are Local? Exploring the Relationship Between Framing of Scientific Projections of Local Climate Change Impacts and Sub-National Policy Design.”

Reklaitis, Gintaras V; Taylor, Lynne S; Lister, James D; Venkatasubramanian, Venkat and Wassgren, Carl R; chemical engineering, industrial & physical pharmacy, mechanical engineering, from Rutgers State University, $996,233, “Engineering Research Center on Structural Organic Composites.”

Richert, Brian T; animal sciences, from Fleischmanns Yeast Inc., $16,000, “Swine Research.”

Rochet, Jean-Christophe; medicinal chemistry & molecular pharmacology, from Michael J. Fox Foundation, $10,000, “Identification of Small-Molecule Stabilizers of DJ-1: Biophysical and Cellular Validation.”

Rogers, Marcus K; computer & information technology, from Multi-Sponsored Industris, $500, “Forensic Seminars.”

Rogers, Marcus K; computer & information technology, from Multi-Sponsored Industris, $3,500, “Forensic Seminars.”

Ropp, Timothy D; aviation technology, from Aero Engine Controls, $53,000, “Evaluation of Fuel Conditioning Scheme for Hydro-Mechanical Wet Rig Testing.”

San Martin-Gonzalez, Maria F; Applegate, Bruce M; Peer, Wendy A and Youngblood, Jeffrey P; food science, horticulture & landscape architecture, materials engineering, from National Institute of Food and Agriculture, $404,000, “Functionalized Lipid Nanoparticles for Pathogen Inactivation in Cut Leafy-Greens and Other Minimally Processed Vegetable.”

Sands, Timothy D; Office of the Provost, from Office of Naval Research, $32,461, “Composition-Modulated Nanowire Arrays for Thermo-electric Power Generation, Modification 3.”

Seal, Brandon L; biomedical engineering, from National Science Foundation, $40,500, “National Science Foundation Graduate Research Fellowships (GRF).”

Shalaev, Vladimir M and Boltasseva, Alexandra; electrical & computer engineering, from University of Pennsylvania, $3,811, “Large-Area, 3-D Optical Metamaterials with Tunability and Low Loss.” (a Discovery Park award — Birck Nanotechnology Center)

Shi, Rui and Smith, Daniel T; basic medical science, industrial & physical pharmacy, from Indiana State Department of Health, $52,055, “Anti-Acrolein Treatment in a Live Animal Model of SCI.”

Shih, Tom L; aeronautical & astronautical engineering, from The National GEM Consortium, $4,167, “10/11 Fellowships GEM Engineering for Jeffrey a Rodriguez.”

Shively, Gerald E; agricultural economics, from Tufts University, $83,072, “Nutrition Collaborative Research Support Programs (CRSP), Focus on Africa.”

Shively, Gerald E; agricultural economics, from Tufts University, $83,072, “Nutrition Collaborative Research Support Programs (CRSP), Focus on Africa.”

Shively, Gerald E; agricultural economics, from University of Wisconsin-Madison, $82,062, “AMA Basis CRSP: Natural Capital and Poverty Reduction.”

Shoffner, Melanie; English, from Purdue University Discovery Park Seed Grant Program, $24,583, “Writing to Learn Mathematics: Teacher Reflection on the Use of Writing as a Tool to Support Student Learning in the Mathematics Classroom.”

Sinfield, Joseph V; civil engineering, from Massachusetts Institute of Technology, $2,500, “Enabling High-and Low-Molecular Weight AUN-Based Chemical Analysis: Subaward 5710002903.”

Singleton, Timothy J; WBAA, from Corporation for Public Broadcasting, $152,598, “Corporation for Public Broadcasting Radio Community Service Grant - Fiscal Year 2011.”

Sloan, Mary Anne and Koester, Deborah L; Technology Assistance Program, from Indiana State Department of Health, $70,000, “Pandemic Influenza Essential Healthcare Services (PF-EHS) Train the Trainer.”

Smith, Richard S; food science, from Alcoa Inc, $3,750, “Food Science Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $2,250, “Sensory Evaluation Research.”
Smith, Richard S; food science, from Hinsdale Farms Ltd, $3,000, “Sensory Evaluation Research.”

Smith, Sarah J; business - North Central campus, from Indiana Campus Compact, $2,250, “Human Resource Deliverables - Town of Beverly Shores, IN.”


Snyder, Lori J and Shoaf, Samantha S; agronomy, from University of Minnesota, $10,000, “Winter Wheat Based Crop Rotations: Risk Analysis for Growing Grain, Forage and/or Ethanol Feedstock.”

Son, Steven F; mechanical engineering, from Massachusetts Institute of Technology, $37,250, “Blast Testing of Novel Helmet Materials, Amendment 3.”

Stefancik, Jennifer L; field extension educators, from Daviess County Community Foundation, $460, “Strengthening Families through Education.”

Sterkenburg, Ronald; aviation technology, from Todd A. Canterbury, $550, “Sterkenburg Travel and Lab Funds.”

Swaminathan, Vishwanathan; statistics, from Microsoft Corporation, $1,000, “Microsoft.”

Sypher, Howard E; communication, from Purdue University Special Initiative Program, $7,989, “Zhou Ban.”

Tao, Bernard Y; agricultural & biological engineering, from Indiana Corn Marketing Council, $120,000, “Student Corn Innovation Contest.”

Tao, Bernard Y; agricultural & biological engineering, from Indiana Soybean Alliance, $195,000, “Student Soybean Innovation Contest.”

Thompson, David H; chemistry, from Ara Parsegian Medical Research Foundation, $25,000, “Development of Multi-Valent B-Cyclodextrin Delivery Vehicles as Potential Niemann-Pick Type C Therapeutics.”

Trice, Rodney W; materials engineering, from Rolls-Royce Corporation, $10,500, “Testing Agreement: Type I and II Hot Corrosion on PtAl Coated Superalloy Buttons - Set 1.”


Ukkusuri, Satish V and Aldrich, Daniel P; civil engineering, political science, from Purdue University, $25,702, “Network Resilience in Disasters: an Interdisciplinary, International Perspective.”

Van Gelder, Boudewijn H and Bethel, James S; civil engineering, from Indiana Department of Transportation, $71,705, “SPR 3551: Feasibility of a New Indiana Coordinate Reference System.”

Vemulapalli, Ramesh and Hogenesch, Harm; comparative pathobiology, school of veterinary medicine - administration, from PHS-NIH National Institute of Allergy and Infectious Diseases, $267,202, “Non-Replicative Vaccine for Human Brucellosis.”

Waltz, Robert D; Indiana State Chemist, from PHS-Food and Drug Administration, $18,172, “FY 2011 FDA Feed Mill and BSE Inspection.”

Wang, Xiuling; mechanical engineering - Calumet campus, from Los Alamos National Laboratory, $47,000, “A Collaborative Effort in Developing KIVA-hpFE Package, Phase II.”

Weaver, Connie M and McCabe, George P; foods & nutrition, statistics, from Nestle Ltd. Research Centre, $405,435, “Ca-41 Heperidin Project.”

Weiser, Irwin H; liberal arts - administration, from United Student Aid Funds, Inc, $15,000, “Emerging Urban Leaders Scholarship Program.”

Weldon, Sirje L; Raymond, Leigh S; Arriaga, Ximena B; Clark, Ann M and Kelly, Daniel R; political science, psychological sciences, philosophy, from Purdue University, $9,940, “New Perspectives on Intractable Problems: Informal Institutions as Policy Responses to Global Grand Challenges.”

Whiting, Nancy M; civil engineering, from Indiana Department of Transportation, $199,994, “Concrete Pavement Joint Deterioration.”

Whittinghill, David M; computer graphics technology, from The National GEM Consortium, $4,167, “10/11 NSF Fellowship C.F. Whittington.”

Wilkinson, Elizabeth M; library administration, from National Film Preservation Foundation, $10,000, “Basic Preservation Grant.”

Williams, Ann E; field extension educators, from DeKalb County Community Foundation, $400, “Captain Cash DeKalb County.”

Williams, Rod N; forestry & natural resources, from Indiana Academy of Science, $950, “Assessing the Effects of Soil Moisture on the Use of Artificial Cover Objects by Eastern Red-Backed Salamanders (Plethodon Cinereus).”


Witt, Michael C; library administration, from Clemson University, $149,335, “Open Parks Grid.”

Wodicka, George R; biomedical engineering, from National Science Foundation, $40,500, “10/11 NSF Fellowship C.F. Whittington.”

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