Abbott, Philip C; agricultural economics, from University of Copenhagen, $52,386, “Market Economic Institute Development in Vietnam.”

Abraham, Dulcy M; civil engineering, from Indiana Department of Transportation, $110,015, “INDOT Construction Inspection Priorities, SPR-3400.”


Adeola, Olayiwola; animal sciences, from Danisco Animal Nutrition, $70,000, “Danisco.”

Ajuwon, Kolapo; animal sciences, from Danisco Animal Nutrition, $30,000, “Research Gift Funds.”

Alexeenko, Alina; aeronautical & astronautical engineering, from IMA Edwards, $50,000, “IMA Edwards.”

Allain, Jean P; nuclear engineering, from U.S. Department of Energy, $98,000, “In-Situ Elemental and Chemical Characterization of D-Recycling on Lithiated Graphitic Surfaces with Applications to NSTX – Modification 2.”

Anderson, Donald J; consumer & family sciences, from California Travel Industry Association, $2,000, “CalTIA Strategic Plan Development.”

Anderson, Donald J and Savaiano, Dennis A; consumer & family sciences, from Destination Marketing Association International, $16,259, “DMAI.”

Anderson, Donald J and Savaiano, Dennis A; consumer & family sciences, from Destination Marketing Association International, $16,259, “Executive Program in Destination Management.”


Anderson, William E; aeronautical & astronautical engineering, from University of Maryland, $236,751, “Studies and Support of Project Constellation – Modification M.”

Anderson, William E; aeronautical & astronautical engineering, from University of Maryland, $45,000, “Studies and Support of Project Constellation – Amendment 12 (Modification L).”

Aronson, Arthur I; biological sciences, from Lawrence Livermore National Laboratory, $15,349, “Lawrence Livermore National Laboratory-Production of Samples.”

Atallah, Mikhail J; computer science, from Air Force Office of Scientific Research, $125,667, “Techniques for Secure and Reliable Computational Outsourcing.”

Barker, Eric L and Nichols, David E; medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute on Drug Abuse, $205,666, “Psychostimulant Recognition by Serotonin Transporters.”

Bertino, Elisa; CERIAS, from Sypris Electronics, $114,820, “Assurable Architectures for Unattended Devices.”

Bethel, James S; Johnson, Steven D and Van Gelder, Boudewijn H; civil engineering, from Northrop Grumman Space Technology, $60,735, “Design and Implementation of Control Point Network for Site Model Evaluation.”

Beyrouty, Craig A; agronomy, from Mosaic Crop Nutrition LLC, $20,000, “Potassium Management.”

Bhunia, Arun K; food science, from Advanced BioImaging, $50,000, “Shuttleworth North America.”

Bickham, John W; forestry and natural resources, from National Oceanographic & Atmospheric Administration, $24,900, “Laboratory Analyses of Sex-Chromosome Specific Genetic Markers for Phylogeographic Analyses of Steller Sea Lions.” (a Discovery Park award — Center for the Environment)

Bigelow, Cale A; agronomy, from Unison Labs LLC, $2,500, “Putting Greens Research.”

Bowen, Brenda B; earth & atmospheric sciences, from New Mexico Institute Mining & Technology, $35,333, “A Sharp-Interface Model of CO2 Sequestration Within the Illinois Basin.”

Briggs, Scott D; biochemistry, from National Institutes of Health, $22,925, “The Role of Set1-Mediated Ethylation in Chromatin Function.”

Butzke, Christian E; Bordelon, Bruce P and Merritt, Jeanette K; food science, horticulture & landscape architecture, from Indiana State Department of Agriculture, $19,647, “Creating a Signature Wine Style for the State of Indiana.”

Carlson, Gary P; health sciences, from Styrene Information & Research Council, $100,000, “Examination of the Relationship Between the Metabolism and the Toxicity of Styrene Using Specific Knockout Mice.”

Caruthers, James M; chemical engineering, from NAVSEA/NSWC Crane, $50,000, “Cooperative Interaction Between Purdue and Crane in Energy Storage Systems.” (a Discovery Park award — Institute for Defense Initiatives.)

Cayon, Laura; physics, from Jet Propulsion Laboratory, $24,367, “Planck Visualization Project.”

Chandrasekar, Srinivasan; industrial engineering, from M4 Sciences Corporation, $45,000, “Modulation-Assisted Machining.”

Chang, Fen-Lei F; medical education — Fort Wayne campus, from Indiana University, $12,000, “FY 09-10 IUSM-FW Life Cycle Funding.”


Chapple, Clint C; biochemistry, from Dow Chemical Company Foundation, $2,000, “Dow Agro Sciences Aid-to-Education.”

Chen, Qingyan; mechanical engineering, from Boeing Commercial Airplanes Group, $105,000, “Risk Assessment and Mitigation of Airborne Infectious Disease Transmission in Aircraft Cabins (Phase III).”

Christmon, Kenneth C; Division of Multicultural Affairs — Fort Wayne campus, from State Student Assistance Csnn of Indiana, $265,014, “Twenty-First Century Scholars Program Site Agreement 2009-2010.”

Cleveland, William S; Neville, Jennifer L and Ward, Mark D; statistics, computer science, from Ohio State University, $195,000, “Stochastic Control of Multi-scale Networks: Modeling, Analysis, and Algorithms.”

Comer, Mary L; electrical & computer engineering, from Space and Naval Warfare Systems Center, $149,999, “Automated Segmentation of Micrographs.”


Cooper, James A; electrical and computer engineering, from University of Notre Dame, $1,102,200, “State of Indiana Funded Activities for Midwest Institute of Nanoelectronics Discovery (MIND).” (a Discovery Park award — Birck Nanotechnology Center)

Coppoc, Gordon L; medical education, from Indiana University Purdue University at Indianapolis, $20,270, “FY09-10 IUSM-Lafayette Life Cycle Fund.”

Cordes, Samuel M; Office of Engagement, from Indiana Economic Development Corporation, $33,332, “Southeastern Small Business Development Center - Federal July-Dec 2009 - $33,332.23 Increase.”

Crossley, William A; aeronautical & astronautical engineering, from Massachusetts Institute of Technology, $29,000, “Advanced Multidisciplinary Optimization Techniques for Efficient Subsonic Aircraft Design — Amendment 4.”

Cushman, Mark S; medicinal chemistry & molecular pharmacology, from University of Illinois at Chicago, $208,937, “Novel Antibiotic Development for Biodefense.”

Dadarlat, Marius D; mathematics, from National Science Foundation, $102,432, “Advanced Operator Algebras and K-Theory — Amendment 4.”

Datta, Supriyo; electrical & computer engineering, from University of Michigan, $29,508, “High-Temperature Spin-Based Devices.”

Davies, Patricia; Braun, James E; Chen, Qingyan; Hirleman, E Daniel and Olson, Robert E; mechanical engineering, physical facilities administration, from National Institute of Standards & Technology, $11,750,000, “A Center for High Performance Buildings at the Ray W. Herrick Laboratories.”


Doerge, Rebecca W; statistics, from University of California-Davis, $231,820, “Functional Genomics of Plant Polyplody — Amendment 2.”

Dyke, Shirley J; mechanical engineering, from National Science Foundation, $6,329, “NEESR-SG: Performance-Based Design and Real-Time Large-Scale Testing to Enable Implementation of Advanced Damping Systems.”

Elicker, James G; child development & family studies, from Indiana University, $84,116, “Infant Toddler Specialist Network Initiative — 2009-2011.”

Eremenko, Alexandre; mathematics, from National Science Foundation, $72,942, “Real Meromorphic Functions — Amendment 4.”

Esters, Levon T; youth development & agricultural education, from National FFA Organization, $500, “National Agriscience Integration Institute (NAII) Grant.”

Esters, Onikia N; foods & nutrition, from South Dakota State University, $75,851, “Development of a Randomized Trial Guided by the Process of Precede-Proceed for Prevention of Excessive Weight Gain in Communities of Young Adults.”

Eugster, Patrick T; computer science, from National Science Foundation, $80,000, “CAREER: Pervasive Programming with Event Correlation-Amendment 4.”

Farris, Thomas N; aeronautical & astronautical engineering, from Purdue University F N Andrews Fellowship, $18,935, “Fellowship.”


Ferruzzi, Mario; food science, from Sensient Colors Inc., $3,000, “Hills Pet Nutrition, Inc.”

Fisher, Timothy; mechanical engineering, from University of Dayton Research Institute, $32,280, “Database Development for ThermalHUB.” (a Discovery Park award — Birck Nanotechnology Center)
Foster, Scott P; field extension educators, from Hendricks College Network, $3,859, "Hendricks College Network 2009 Carry Forward."

Franks, Melissa M; child development & family studies, from Pennsylvania State University, $20,339, "The Role of Social Relationships and Self-Efficacy in Diabetes Management – Amendment 1."

Garfinkel, Arthur F; physics, from Argonne National Laboratory, $1,500, "Laura Boon Travel."

Garmirella, Suresh V; mechanical engineering, from Heat Transfer Research Inc., $30,000, "CRTC 2010 Membership."

Garmirella, Suresh V; mechanical engineering, from Deere & Company, $30,000, "CRTC Membership."

Garfinkel, Arthur F; physics, from Argonne National Laboratory, $1,500, "Laura Boon Travel."

Garmirella, Suresh V; mechanical engineering, from EPRI, $18,000, "Preliminary Design and Thermal Modeling of Solar Integrated Multi-Cell Thermocline Storage Concept."

Gerard, Peggy S; nursing – Calumet campus, from University of Illinois at Chicago, $72,849, "Bridges to the Doctorate for Nursing."

Golden, Barbara L; biochemistry, from Case Western Reserve University, $20,000, "Characterizing RNA-Metal Binding by Raman Spectroscopy – Amendment 1."

Groll, Eckhard A; mechanical engineering, from Boeing Company, $91,394, "Conduction Cooled Electronic/Electrical Modules in Liquid Cooled Cabinets, Phase II: Experimental Analysis."

Hacker, Thomas J; computer & information technology, from National Science Foundation, $312,499, "CAREER: AON — An Integrative Approach to Petascale Fault Tolerance."

Hall, Mark C; biochemistry, from National Science Foundation, $175,000, "Regulation of the Anaphase-Promoting Complex by Pseudosubstrate Inhibition – Amendment 2."

Hamerka, Bruce R; food science, from Solae, LLC, $6,150, "Carbohydrate Compositional, Linkage and Structural Analysis."

Han, Bumsoo; mechanical engineering, from National Institutes of Health, $297,990, "Cryopreservation of Functional Engineered Tissues."

Han, Qingyou; mechanical engineering technology, from Ryobi Die Casting (USA) Inc., $1,500, "Deformation of A380 Die Casting During Heat Treating."

Handwerk, Carol A and Stach, Eric A; materials engineering, from TPF Enterprises LLC, $25,000, "Solderless Interconnects Based on Silver-Copper Core-Shell Particle Sintering."

Handy, Rodney G; mechanical engineering technology, from Oderox Environmental LLC, $10,000, "The Characterization of Bioaerosol and Surface Contamination Before and after the Operation of a Hydroxyl Generating Air Cleaner."

Harbin, Sherry L; basic medical science, from Cook Biotech, Inc., $38,357, "Subcutaneous Angiogenesis into Porcine Small Intestinal Submucosa: Multiple Formulations of Biomaterial Constructs."

Harding, Melvyn D; Educational Opportunities Program – Calumet campus, from City of Hammond, $11,000, "Project Excel Summer Academic Enrichment."


Heckaman, Kelly L; field extension educators, from Kosciusko Co Community Foundation Inc., $1,312, "Shape Up Kosciusko 2009."


Herter, Stephen D; Mudawar, Issam and Sojka, Paul E; aeronautical & astronautical engineering, mechanical engineering, from Rolls-Royce Corp - Libertyworks, $300,000, "Rolls-Royce University Technology Center in High Mach Propulsion-2010."

Hertel, Thomas W; agricultural economics, from International Trade Centre, $19,650, "GTAP."

Hertel, Thomas W; agricultural economics, from United Nations Economic Commission for Africa, $19,675, "GTAP."

Ho, Nancy WY; chemical engineering, from U.S. Department of Energy, $422,633, "Further Improvement of the Robust Recombinant Saccharomyces Yeast for the Conversion of Lignocellulosic Biomass – Amendment 3."

Hoginessch, Harm; Hem, Stanley L and Johnston, Cliff T; veterinary medicine-administration, industrial & physical pharmacy, agronomy, from Merck Research Laboratories, $44,366, "Effect of Sterilization by Gamma Irradiation on the Chemical and Immunological Properties of Aluminum Adjuvants."

Hong, Wei; foreign language & literature, from Chinese Language Council International, $130,000, "Confucius Institute at Purdue University."

Hoover, Stephen B; Animal Disease Diagnostic Laboratory, from Indiana Department of Natural Resources, $9,916, "Indiana Department of Natural Resources."


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

Howe, Katherine M; botany & plant pathology, from Marilyn W Ott, $30, "Organized Research (Gift Fund)."

Howe, Katherine M; botany & plant pathology, from Todd R or Kim S Bogenschutz, $20, "Organized Research (Gift Fund)."

Howe, Katherine M; botany & plant pathology, from Kathleen S or James R Knight, $30, "Organized Research (Gift Fund)."

Howe, Katherine M; botany & plant pathology, from Charles T or Lynn S Mason Jr, $33, "Organized Research (Gift Fund)."

Howe, Katherine M; botany & plant pathology, from Leslie Mehrhoff, $30, "Organized Research (Gift Fund)."

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

Howe, Katherine M; botany & plant pathology, from Mark J Renz, $30, "Organized Research (Gift Fund)."

Howe, Katherine M; botany & plant pathology, from Richard or Virginia Beard Van Andel, $30, "Organized Research (Gift Fund)."
Howe, Katherine M; botany & plant pathology, from Friends of Potato Creek State Park, $30, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Amanda J Ward, $30, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Purdue Memorial Union, from Taltree Arboretum & Gardens, $50, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Erik F Ulaszek, $30, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from D E Burns, $50, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Jennifer Anne Hillmer, $30, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Carmen Chapin, or Peter a Weishampel, $30, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Elizabeth or Terrance McCloskey, $20, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from David J Schimpf, $30, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Timothy J Banek, $100, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Liberty Prairie Restorations, $100, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Willard G & Jessie M Pierce Foundation, $50, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Rebecca D Knowles, $30, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Juno Solutions LLC, $20, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Robert E or Norma J Schutzki, $20, “Organized Research (Gift Fund).”

Howe, Katherine M; botany & plant pathology, from Ellen M Jacquart, $30, “Organized Research (Gift Fund).”

Hoyt, Ronald W; field extension education, from Keep Indianapolis Beautiful, Inc., $20,640, “Project Green Schools.”

Huang, Chi-Hua; agronomy, from Agricultural Research Service, $31,394, “Acquisition of Goods & Services.”

Huber, Jessica E; speech, language & hearing sciences, from National Science Foundation, $365,802, “Use of External Cuing to Treat Hypophonia in Parkinsons Disease.”

Hundley, Gregory S; management, from University of Illinois, $1,000, “CIBER Doctoral Symposium on Foreign Pedagogy for Business and the Professions.”

Hunt, Greg J; entomology, from University of Georgia, $131,250, “Sustainable Solutions to Problems Affecting Health of Managed Bees.”

Hwang, Inseok; aeronautical & astronautical engineering, from National Science Foundation, $80,000, “CAREER: Real-Time Hybrid Estimation and Control for Networked Embedded Hybrid Systems – Amendment 2.”


Ivanisevic, Albenia; biomedical engineering, from National Science Foundation, $6,250, “Surface Engineering of Gallium Nitride with Biomolecules.”

Ivanisevic, Albenia; biomedical engineering, from National Science Foundation, $6,000, “REU Supplement.”

Jang, Soo Cheong; hospitality & tourism, from Youlchon Foundation, $593, “Increase of Award for Grant 204264.”

Jensen, Jakob; communication, from Indiana State Department of Health, $39,000, “H1N1 Flu Vaccine Evaluation.”

Jiang, Yi; building construction & management technology, from Indiana Department of Transportation, $149,914, “An Ecoomic Analysis Methodology for Project Evaluation and Programming, SPR-3429.”

Jiang, Yi; building construction & management technology, from Indiana Department of Transportation, $100,000, “Development of a Design Flexibility Toolkit, SPR-3404.”

Jiao, Dan; electrical & computer engineering, from National Science Foundation, $81,761, “CAREER: from O (N) to O (M): Scalable Algorithms for Large Scale Electromagnetics-Based Analysis and Design – Amendment 3.”

Jiao, Dan; electrical & computer engineering, from Office of Naval Research, $100,000, “Rigorous and Fast Physics-Based Co-Simulation of Device-Structure-Material Interactions in Complex, Nonlinear, and Time-Variant Mixed Signal Circuits.”

Johnson, William G; botany & plant pathology, from Brandt Consolidated, $2,400, “Weed Research.”

Kak, Avinash; and Park, Johnny; electrical & computer engineering, from Air Force Academy, $50,000, “Accurate Target Localization Using Multiple Vision-Enables Unmanned Aerial Systems.”

Karpicke, Jeffrey D; psychological sciences, from National Science Foundation, $200,000, “Structured Retrieval Practice to Enhance Conceptual Learning.”

Keenan, Douglas L; field extension educators, from Drug-Free Noble County, $667, “LEAD Noble County.”

Keenan, Douglas L; field extension educators, from Noble REMC, $1,000, “Noble County Health Fair.”


Key, Nicole L; mechanical engineering, from Rolls-Royce, Inc., $155,000, “Proposal for Axia Three Stage Compressor Performance Research for Rolls Royce.”

Kim, Chang H and Hogenesch, Harm; comparative pathobiology, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $294,215, “Therapeutic Delivery of FoxP3+ T Cells to the Intestine.”

Kim, Chang H; Andrisani, Ourania M and Hogenesch, Harm; comparative pathobiology, basic medical science, veterinary medicine-administration, from PHS-NIH National Institute of Allergy and Infectious Diseases, $332,083, “FoxP3+ Regulatory T Cells of Mucosal Tissues.”

Leung, Yuk Fai and Li, Zeran; biological sciences, from Sigma Xi, $2,000, “The Role of Phenylthioleura on Zebrafish Eye Growth Regulation — a Model for Human Refractive Errors.”

Lin, Xiaojun; electrical & computer engineering, from National Science Foundation, $76,647, “Career: A Theoretical Foundation for Supporting Delay-Sensitive Applications on Wireless Networks — Amendment 3.”

Liu, Shuang; health sciences, from Abbott Laboratories, $21,750, “Abbott Service Agreement with Shuang Liu.”

Lloyd, Lyle L; educational studies, from Greater Lafayette Area Special Services, $108,600, “GLASS 2009-11.”

Loew, Zachary E and Dukes, Jeffrey S; forestry & natural resources, from Indiana Department of Transportation, $161,054, “Integrated Vegetation Management (IVM) for INDOT Roadsides, SPR-3414.”

Lucht, Robert P; energy center, from Siemens Corporate Research Inc., $150,000, “Distributed Combustion Studies in the Purdue High-Pressure Gas Turbine Combustion Test Rig.” (a Discovery Park award — Energy Center)


Luo, Wei; communication — Fort Wayne campus, from Indiana Campus Compact, $2,250, “Incorporating Service Learning into Intercultural Communication Curriculum.”

Luo, Zhao-Qing; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $111,208, “Modulation of Host Membrane Trafficking by Legionella Pneumophila.”

Marshall, Maria I; agricultural economics, from Indiana State Department of Agriculture, $15,000, “MarketMaker Update and Expansion.”

Mathur, Aditya P; computer science, from Winifred B. Bilsland Endowment, $9,468, “Student Research.”

Matsuki, Kenji; mathematics, from National Security Agency, $38,219, “Toward a Unifying Algorithm for Resolution of Singularities in All Characteristics.”

McKee, Renee K; youth development & agricultural education, from National 4-H Council, $78,000, “Cargill 4-H SET.”

McLucky, Scott A; chemistry, from U.S. Department of Energy, $150,000, “The Dynamics and Thermodynamics of Gaseous Macro-Ions – Modification 11.”

McLucky, Scott A; chemistry, from PHS-NIH National Institute of General Medical Science, $227,933, “Instrumentation for Analysis of High Mass Biomolecules.”

Mechl, Peter H; mechanical engineering, from Cummins, Inc., $100,000, “Fuel Systems Fuel Injection Virtual Sensor.”

Meilan, Richard; forestry & natural resources, from Futuragene, Inc., $44,744, “Futuragene Inc., Match #104267.”

Meilan, Richard; forestry & natural resources, from Indiana Arborists Association, Inc., $150, “Samual Grober Treasurer.”

Mengiste, Tesfaye D; botany & plant pathology, from National Science Foundation, $160,000, “Genetic, Molecular and Biochemical Basis of Pathogen and Stress Induces Necrosis — Amendment 3.”

Mentzer, Nathan; industrial technology, from Utah State University, $212,907, “Exploring Engineering Design Knowing and Thinking as an Innovation in STEM Learning.”


Michler, Charles H; forestry & natural resources, from the American Chestnut Foundation, $10,000, “Voluntary Support: American Chestnut.”

Michler, Charles H; forestry & natural resources, from Indiana Chapter American Chestnut Foundation, $1,000, “Voluntary Support: American Chestnut.”

Minchella, Dennis J; Curtis, Jason A; Gardiner, Stephanie M and Weaver, Gabriela C; biological sciences, chemistry, from National Science Foundation, $200,000, “An Adaptation of a Research-Based Laboratory Model to Life Sciences.” (a Discovery Park award — Discovery Learning Center)
Morgan, Mark A; building services, from Prove IT LLC, $9,000, "Food Science Research."

Naughton, James F; Knapp, Deborah W and Widmer, William R; veterinary clinical science, from American Kennel Club Health Foundation, $12,960, "Improved Imaging to Monitor Therapy Response of Urinary Bladder Cancer Using 3-D Volume Ultrasonography."

Nichols, David E and Watts, Val J; medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute of Mental Health, $374,361, "Development of Potentially Selective Dopamine Agonists.

Nyenhuis, John A; electrical & computer engineering, from Bioness Inc., $10,000, "Measurement and Analysis of the Bioness Implanted Lead."

Nyenhuis, John A; electrical & computer engineering, from Medline Industries Inc., $10,000, "MRI Evaluation of Medline Dressing."

Ohm, Herbert W; Anderson, Joseph M; Knoblock, Neil A; Tuanstra, Mitchell R; Wise, Kiersten A; Woeste, Keith E; Weil, Clifford F; Doerge, Rebecca W; Jackson, Scott A; McCann, Maureen C; Williams, Christie E; Ejeta, Gebisa; Mickelhart, Michael V and Rocheford, Torbert R; agronomy, youth development & agricultural education, botany & plant pathology, forestry & natural resources, statistics, biological sciences, entomology, horticulture & landscape architecture, from National Institute of Food & Agriculture, $497,672, "Partnership for Research and Education in Plant Breeding and Genetics at Purdue University."

Olek, Jan; civil engineering, from Clemson University, $155,678, "Performance of Concrete in the Presence of Airfield Pavement Deicers and Identification of Induced Distress Mechanism."

Olszewski, Lynn T and Oconnell, Kathleen L; nursing — Calumet campus, Vice Chancellor of Academic Affairs — Fort Wayne campus, from State Department of Health, $10,157, "Northwest and Northeast Indiana AHEC Training Activities for PROMISE Project."

Ouyang, Zheng and Cooks, Robert G; biomedical engineering, chemistry, from AMP Purdue, $706,927, "Therapeutic Drug Monitoring - Point of Care." (a Discovery Park award — Center for Analytical Instrumentation Development)

Park, Kinam and Cheng, Ji-Xin; biomedical engineering, from PHS-CDC Centers for Disease Control, $305,637, "Adaptable Polymer Micelles for Tumor Targeting."

Pendleton, Kyle A; Dean of Students, from Coalition for a Drug Free Tippecanoe County, $1,500, "Fraternity and Sorority Server Education and Training Program."

Peroulis, Dimitrios; electrical and computer engineering, from Rockwell Collins, $100,000, "2-Fab Filter." (a Discovery Park award — Birck Nanotechnology Center)

Peroulis, Dimitrios; electrical and computer engineering, from National Science Foundation, $10,000, "CAREER: Liquid Radio Frequency Electronics." (a Discovery Park award — Birck Nanotechnology Center)

Pinal, Rodolfo; industrial & physical pharmacy, from Catalent Pharma Solutions, $35,000, "CPRR."


Prezzi, Monica; civil engineering, from Indiana Department of Transportation, $63,181, "Use of Fly Ash-Soil-Steel Slag Mixtures in Subgrade Applications, SPR-3477."

Proctor, Robert W; psychological sciences, from University of Colorado, $40,036, "Training Knowledge and Skills for the Networked Battlefield."

Prokopy, Linda S; forestry & natural resources, from University of Wisconsin, $4,000, "Understanding How Midwestern Agriculture Will Adapt to Climate Change: Proposal Development Meeting Proposal."

Purcell, Lindsey A; forestry & natural resources, from Indiana Department of Natural Resources, $600, "2010 Arbor Day Education Program."

Radcliffe, John S; animal sciences, from Alltech Biotechnology Center, $8,000, "Alltech Biotechnology Center."

Ramirez, Julio A; civil engineering, from University of California-Berkeley, $15,000, "Supplement to Subaward SA5543-21642 NEEER-GC-Mitigation of Collapse Risk in Vulnerable Concrete Buildings."

Ratliff, Timothy L; comparative pathobiology, from Waltheter Cancer Institute Foundation Inc., $58,500, "Molecular Discovery and Evaluation Shared Resource."

Reicher, Zachary J; agronomy, from Midwest Regional Turf Foundation, $8,750, "Turfgrass Research."

Reklaitis, Gintaras V; chemical engineering, from National Institute for Finland Technology & Education, $78,830, "NIPTPE Subaward Amendment to Prime Award No. HHSF223200810029C, Subaward PU0001."

Restrepo, Maria H; field extension educators, from Indiana State Department of Agriculture, $7,274, "Organic Specialty Vegetable Production Research with a Focus on Fungicide Use in Curcurbitis."

Rhodes, Olin E; forestry & natural resources, from Animal Plant Health Inspection Service, $26,190, "Use of Trapping Point Transect and Spatially Explicit Capture-Recapture to Estimate the Density of Raccoons and Using Spatial Data to Increase Trap-Based Detection for Raccoons."

Richert, Brian T; animal sciences, from Chemgen Corp., $4,000, "Swine Research."

Richmond, Douglas S; entomology, from United States Golf Association, $5,000, "Turfgrass Entomology Research."


Rogers, Marcus K; computer & information technology, from University of Central Florida, $166,395, "Computer Forensics Tool Testing."

Rogers, Marcus K; computer & information technology, from Indiana State Police, $10,000, "Law Enforcement Training."

Rokhinson, Leonid P; physics, from Army Research Office, $245,200, "Digital Control of Exchange Interaction in a Spin-Based Silicon Quantum Computer — Modification 1."

Rossmann, Michael G; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $412,359, "Structure of Function of Icosahedral Viruses."

Ruan, Xiulin and Fisher, Timothy; mechanical engineering, from Air Force Office of Scientific Research, $145,482, "Optically Modulated Radiative Surface Coatings Using Ordered Array of Vertical Carbon Nanotubes." (a Discovery Park award — Birck Nanotechnology Center)

Ruhl, Gail E; botany & plant pathology, from NW Indiana Nursery & Landscape Association Inc., $125, "Indiana Nursery and Landscape Association."
Sadeghi, Farshid; mechanical engineering, from Honeywell Inc., $90,000, “Tribology Lab Research.”

Sadeghi, Farshid; mechanical engineering, from Kaydon Corp-Bearings Division, $75,000, “Tribology Lab Research.”

Saha, Shubin K; horticulture & landscape architecture, from Abbott & Cobb Inc., $1,500, “Multi-Sponsored Gift Account.”

Saha, Shubin K; horticulture & landscape architecture, from Harris Moran Seed Company, $2,000, “Multi-Sponsored Gift Account.”

Saha, Shubin K; horticulture & landscape architecture, from Indiana Vegetable Growers Association, $1,000, “Multi-Sponsored Gift Account.”

Salt, David E; horticulture and landscape architecture, from Dartmouth College, $2,456, “The Ionome.” (a Discovery Park award — Bindley Bioscience Center)


Schendel, Dan E; management, from Strategic Management Society, $2,206, “Strategic Management Society.”

Schendel, Dan E; management, from Strategic Management Society, $2,190, “Strategic Management Society.”

Schneider, John A; Vice President for Research, from Indiana Economic Development Corporation, $125,000, “Indiana HPC Technical Assistance Program.”

Schneider, Steven P; aeronautical & astronautical engineering, from Air Force Office of Scientific Research, $100,000, “Hypersonic Laminar-Turbulent Transition on Slender Cones at Zero Angle of Attack.”

Schoenlein, William E and Van Alstine, William G; biomedical engineering, comparative pathobiology, from Medicine Institute, Incorporated, $19,954, “Prototype Vascular Stent Testing — Study CI-INFIB Grant 203133 Amendment/Continuation 18.”


Schweickert, Richard and Dzhafarov, Ehtibar N; psychological sciences, from Air Force Office of Scientific Research, $199,375, “Causal Networks with Selectively Influenced Components.”

Shahidi, Freydoon; mathematics, from National Science Foundation, $82,511, “Problems in the Theory of Automorphic Forms and L-Functions — Amendment 3.”

Shalaev, Vladimir M; electrical and computer engineering, from Army Research Office, $1,052,215, “Tunable and Reconfigurable Optical Negative-Index Materials with Low Losses.” (a Discovery Park award — Birck Nanotechnology Center)

Shalaev, Vladimir M; electrical and computer engineering, from Cummins, Inc., $100,000, “Piezoelectric Fuel Injection System: Measurement, Modeling, and Control.”


Shukle, Richard H; entomology, from Agricultural Research Service, $2,500, “Micro-Array Analysis.”

Smith, Anne; Weber-Fox, Christine M; Goffman, Lisa A and Zelaznik, Howard N; speech, language & hearing sciences, health & kinesiology, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $582,833, “Physiological Correlates of Stuttering.”

Smith, Mjt; graduate school administration, from National Science Foundation, $2,000, “09/10 NSF Graduate Fellowship Program.”


Smith, Richard S; food science, from Insight Beverages, $1,600, “Sensory Evaluation Research.”

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


Son, Steven F; mechanical engineering, from Massachusetts Institute of Technology, $24,000, “Blast Testing of Novel Helmet Materials.”

Spafford, Eugene H; computer science, from Lockheed Martin Corp., $60,000, “CERIAS Volunteer Support.”

Spafford, Eugene H; computer science, from IBM, $60,000, “CERIAS Volunteer Support.”

Stach, Eric A; materials engineering, from Honda, $105,000, “Honda Research Collaboration.” (a Discovery Park award — Birck Nanotechnology Center)

Stefanov, Plamen D; mathematics, from National Science Foundation, $83,569, “Scattering and Traveltime Tomography — Amendment 2.”

Stenger, Marcia A; field extension educators, from Citizens for a Drug Free Ohio County, $800, “DUMP (Disposal of Unwanted Medicines).”

Stuart, Jeffrey J; entomology, from Fred Gould, $142, “Multi-Sponsor.”

Sullivan, John P; aeronautical & astronautical engineering, from Cummins Business Services, $50,000, “PLM Membership 4/1/10-3/31/11.”


Swihart, Robert K; forestry & natural resources, from Indiana Arborists Association, Inc., $3,000, “Indiana Arborists Association, Inc.”

Swihart, Robert K; forestry & natural resources, from Walnut Council, $17,473, “An Expanded Relationship Between the Walnut Council and Purdue University.”

Swihart, Robert K; forestry & natural resources, from Indiana Forestry & Woodland Owners Association, $17,473, “Continuing an Expanded Relationship Between the Indiana Forestry and Woodland Owners Association and Purdue University.”
Talbert, Brian A; youth development & agricultural education, from Indiana Department of Education, $9,000, "Agricultural Education Assessment System."

Tao, Bernard Y; agricultural & biological engineering, from Indiana Corn Marketing Council, $10,000, "Student Corn Products Innovation Competition 2008-09."

Topp, Elizabeth M; industrial & physical pharmacy, from PHS-NIH National Institute of General Medical Science, $276,543, "Protein Aggregation in Amorphous Solids."

Towns, Marcy H; chemistry, from National Science Foundation, $67,193, "Collaborative Research: A conference to Promote the Integration of Research on Undergraduate Mathematics, Physics and Chemistry Education."

Turco, Ronald F; Whiford, Fred; Sepulveda, Maria S and Rao, P Suresh C; agronomy, botany & plant pathology, forestry & natural resources, civil engineering, from Geologic Survey, U.S., $92,335, "FY 2010 IWRRC General Project."

Tyner, Wallace E; agricultural economics, from U.S. Department of Energy, $216,134, "Global Economic and Environmental Impacts of Increased Bioenergy Production — Modification 2."


Varma, Amit H; civil engineering, from Indiana Department of Transportation, $35,000, "Slip Form Barrier in lieu of Moment Slabs for Concrete Barrier, SPR-3406."

Varma, Amit H; civil engineering, from Westinghouse Electric Corporation, $335,500, "Large-Scale Testing of SC Shield Building Components for Nuclear Power Plants."

Varma, Amit H and Connor, Robert J; civil engineering, from University of Pittsburgh, $50,695, "Effects of Fire Damage on the Structural Properties of Steel Bridge Elements."

Visalli, Robert J; biology — Fort Wayne campus, from PHS-NIH National Institute of Allergy and Infectious Diseases, $220,500, "Varicella-Zoster Virus Encapsulation Proteins."

Vyn, Tony J; agronomy, from University of Illinois, $500, "Agricultural Cropping Systems."

Vyn, Tony J; agronomy, from Brandt Consolidated, $200, "Agricultural Cropping Systems."

Wakenell, Patricia; comparative pathobiology, from Immunobiosciences Inc., $600, "Voluntary Support."

Wang, Nien-Hwa L; chemical engineering, from Argonne National Laboratory, $1,143, "Design, Scale Up, and Optimization of Column Processes for the Recovery of Medical Isotope — Modification 5."

Watts, Val J and Nichols, David E; medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute of Mental Health, $186,786, "Development of Allosteric Modulators of D1 Dopamine Receptors."

Weaver, Connie M; foods & nutrition, from Mount Sinai School of Medicine, $46,546, "Protective Roles of Grape Derived Polyphenols in Alzheimer’s Disease."

Weaver, Connie M; foods & nutrition, from Delaval LLC, $6,000, "Corporate Affiliates Fund."

Weaver, Connie M; foods & nutrition, from Pharmavite, $6,000, "Corporate Affiliates Fund."

Weaver, Connie M; Ferruzzi, Mario; Janle, Elsa M; Adamiec, Jiri and Raftery, M D; foods & nutrition, food science, Bindley Bioscience Center, chemistry, from Mount Sinai School of Medicine, $402,847, "Protective Roles of Grape-Derived Polyphenols in Alzheimer’s Disease."

Wei, Alexander; chemistry, from Purdue Research Foundation, $500, "Multi Sponsor Voluntary Support."

Weiss, William J and Liu, Judy; civil engineering, from Propex Inc., $9,950, "Testing Plastic Shrinkage Tendency for Fiber Reinforced Concrete."

Weller, Stephen C and Lowenberg-DeBoer, James M; horticulture & landscape architecture, international programs in agriculture, from Indiana University Purdue University at Indianapolis, $78,559, "AMPATH Project — Amendment 2."

Weller, Stephen C; horticulture & landscape architecture, from Monsanto Agricultural Products Co., $65,000, "Assessing Long-Term Viability of Glyphosate-Based Technology as a Foundation for Cropping Systems."

Whitford, Fred; botany & plant pathology, from Indiana Arborists Association, Inc., $150, "Purdue Pesticide Programs."

Whitford, Fred; botany & plant pathology, from Foundation for Agronomic Research, $200, "Purdue Pesticide Programs."

Whitford, Fred; botany & plant pathology, from Northwest Indiana Nursery & Landscape Association, Inc., $100, "Purdue Pesticide Programs."

Wilker, Jonathan J; chemistry, from National Science Foundation, $150,000, "Metal-Mediated Protein Cross Linking in the Formation of Marine Mussel Adhesive."

Williams, Sharon R; anthropology, from World Health Organization, $40,873, "World Health Organization Study of Global Aging and Adult Health (SAGE)."

Witt, Jessica K; psychological sciences, from National Science Foundation, $114,320, "Actions Effect on Perception."

Xiu, Dongbin; mathematics, from Air Force Office of Scientific Research, $59,518, "Development of Theoretical Framework for Uncertainty-Based Design Problems."

Xu, Dongyan; computer science, from Doconmo Communications Labs USA Inc., $68,360, "Towards Openflow-Based Virtual Networked Infrastructures in the Cloud."

Xu, Dongyan; computer science, from National Science Foundation, $71,434, "CAREER: Towards Virtual Distributed Environments in a Shared Distributed Infrastructure — Amendment 4."


Xu, Jin-Rong; botany & plant pathology, from Agricultural Research Service, $29,268, "Genes Regulated by the Gpmk1 Pathway and Pathogenesis in Fusarium Graminearum."

Xu, Xianfan; Yang, Chen; Qi, Minghao; Stach, Eric A and Reifenberger, Ronald G; mechanical engineering, chemistry, electrical and computer engineering, materials engineering, physics, from Space and Naval Warfare Systems Center, $756,133, "Nanoscale Optical Antenna Array for Controlled, Massively Parallel Manufacturing of Nanowire Devices — Modification 2." (a Discovery Park award — Birck Nanotechnology Center)
Xu, Xianfan and Fisher, Timothy; mechanical engineering, from Universal Technology Corporation, $38,762, "Photoacoustic Measurement of Thermal Conductance at Low Temperatures." (a Discovery Park award — Birck Nanotechnology Center)

Xu, Xianfan; mechanical engineering, from Air Force Office of Scientific Research, $125,000, "Coherent Control of Thermal Transport." (a Discovery Park award — Birck Nanotechnology Center)

Yaninek, John S; entomology, from Indiana Department of Natural Resources, $62,668, "CAPS 2009 Second Half."

Yeo, Yoon; Mohammed, Sulma I and Knipp, Gregory T; industrial & physical pharmacy, comparative pathobiology, from PHS-NIH National Cancer Institute, $197,922, "Peritumorally Transformable Nanoparticles for Intraperitoneal Chemotherapy of Ovarian Cancer."

Zheng, Wei and Pushkar, Yulia N; health sciences, physics, from PHS-NIH National Institute of Environment Health Science, $339,784, "Choroid Plexus as a Target in Metal-Induced Neurotoxicity."

Zhou, Chenn Q; mechanical engineering, from Falk PLI Engineering & Surveying Inc., $1,500, "Development of 3-D Modeling for a Presentation."

Zhou, Chenn Q; mechanical engineering, from BP Whiting Refinery, $6,000, "Evaluation of Cooling Tower 7 & 8 Pumps Suction for Vortex Formation for Whiting Refinery Modernization Project."

Zhou, Daoguo; biological sciences, from National Institutes of Health, $111,358, "Role of E3 Ubiquitin Ligase in Salmonella-Induced Inflammation."

Zwier, Timothy S; chemistry, from American Chemical Society, $136,080, "The Journal of Physical Chemistry."

Zwier, Timothy S; chemistry, from DOE-ER-Basic Energy Sciences Chemistry, $250,000, "Isomer-Specific Spectroscopy and Isomerization in Aromatic Fuels."