Abraham, John; mechanical engineering, from Caterpillar Inc., $100,000, “Development of Numerical Models for the Near-Field Physics of Diesel Sprays with Specific Focus on Flame Lift-Off Predictions.”

Allain, Jean P; nuclear engineering, from U.S. Department of Energy, $750,000, “Harnessing Nanotechnology for Fusion Plasma-Material Interface Research In Situ Particle-Surface Interaction Facility.”


Anderson, William E; aeronautical & astronautical engineering, from University of Maryland, $30,589, “Studies and Support of Project Constellation, Modification N.”

Anderson, William E; aeronautical & astronautical engineering, from IN Space, LLC, $43,709, “Test of a Two-Dimensional Combustion Instability Chamber.”

Appenzeller, Joerg; electrical & computer engineering, from State University of New York, $100,000, “Increase Grant 13505 Modification #2 Sub #08-54 Project #1072537 Task 11 Award 47154.”

Aref, Walid G; computer science, from Microsoft Corporation, $15,000, “Microsoft.”

Balagtas, Joseph V; agricultural economics, from Cornell University, $9,401, “The Economics of Fruit and Vegetable Planting Restrictions: Cross-Country Comparison and Implications of U.S. Policy for Fruit and Vegetable Trade.”

Barker, Eric L and Davison, Vincent J; medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute on Drug Abuse, $190,625, “Lipidomic Profile of Endocannabinoids from Neuronal Cells.”

Basu, Saugata; mathematics, from National Science Foundation, $70,104, “Algorithmic Problems in Semi-Algebraic Geometry and Topology.”

Beckerman, Janna L; botany & plant pathology, from BASF Corp, Chemicals Division, $6,000, “Indiana Arborists Association, Inc.”

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

Beckerman, Janna L; botany & plant pathology, from James E Barbour, $200, “Indiana Arborists Association, Inc.”

Ben-Amotz, Dor; Irudayaraj, Joseph M; Davison, Vincent J and Robinson, Joseph P; chemistry, agricultural and biological engineering, medicinal chemistry & molecular pharmacology, basic medical sciences, from National Science Foundation, $238,852, “IDBR: Development of a Multivariate Hyper-Spectral Instrument for High-Resolution Chemical Imaging of Cell Structure, Amendment 2.” (a Discovery Park award — Bindley Bioscience Center)

Bhargava, Bharat and Zhang, Xiangyu; computer science, from Air Force, Department of the, $232,000, “Secure End-to-End Service Oriented Architecture.”

Bigelow, Cale A; agronomy, from Midwest Regional Turf Foundation, $5,000, “Midwest Regional Turf Foundation.”


Borgens, Richard; Center for Paralysis Research, from Neurometrix, Inc., $408,000, “Pushing the Science Forward:Neurometrix Product Development.”

Bortolotto, Daniela; physics, from National Science Foundation, $23,910, “New Opportunities in Energy Research.”

Brentari, Diane K; speech, language & hearing sciences, from National Science Foundation, $130,142, “Grammatical Regularities in Sign Language and Homesign, Amendment 4.”

Bridges, Glen A and Gunn, Patrick J; animal sciences, from Mary S. Rice Farm Estate, $9,960, “Using Corn Residue and Corn Co-Products to Conserve Stockpiled Forage and Improve Reproductive Performance in Fall-Calving Beef Cows.”

Brightman, Andrew O; biomedical engineering, from IU School of Medicine, $31,372, “Joint PHD Program for Graduate Support.”

Brightman, Andrew O; biomedical engineering, from IU School of Medicine, $31,383, “Joint PHD Program for Graduate Support.”

Brightman, Andrew O; biomedical engineering, from IU School of Medicine, $9,324, “Joint PHD Program for Graduate Support.”

Brophy, Sean; engineering education, from National Science Foundation, $99,775, “REU Site: Network for Earthquake Engineering Simulation - Reducing Seismic Vulnerability.” (a Discovery Park award — NEES)

Calais, Eric; earth & atmospheric sciences, from Exxon-Mobil Exploration Company, $7,500, “Exxon Mobil-Dorothy Sarah Stamps-Kinematic Constraints on the Lwandle-Somalian Plate Boundary Across Madagascar from GPS Geodesy.”

Cassens, Daniel L; forestry & natural resources, from Vance Publishing Corporation, $5,528, “Multi Sponsored.”

Casteel, Shaun N; agronomy, from Indiana Soybean Alliance, $35,000, “Soybean Extension Research.”

Chapman, Robert N and Williams, Rod N; forestry & natural resources, from Wildlife Society, Indiana Chapter, $500, “Voluntary Support – Ext. Activities.”


Chen, Qingyan; mechanical engineering, from National Institute of Standards & Technology, $81,925, "Building and Fire Research Laboratory, National Institute of Standards and Technology."

Chen, Qingyan; mechanical engineering, from Federal Aviation Administration, $180,856, "AM & Further Studies of Infectious Disease Transmission in Airliner Cabins."

Chen, Weinong; aeronautical & astronautical engineering, from E.I. DuPont deNemours and Company, $46,672, "Dynamic Tensile Strength of Three High-Performance Fiber Spectra."

Chester, Julia A and Barker, Eric L; psychological sciences, pharmacy — administration, from PHS-NIH National Institute on Alcohol Abuse, $190,625, "Anxiety in a Genetic Animal Model of Alcoholism: Role of Endocannabinoids."

Constable, Peter D; veterinary clinical science, from Circle City Veterinary Specialty & Emergency Hospital LLC, $3,000, "Small Animal Medicine Residency Support."

Cooks, Robert G; Cheng, Ji-Xin and Ouyang, Zheng; chemistry, biomedical engineering, from National Institutes of Health, $177,129, "Tissue Imaging Using Desorption Electrospray Ionization Mass Spectrometry.” (a Discovery Park award — CAID Center)

Cordes, Samuel M; Office of Engagement, from Indiana Economic Development Corporation, $24,339, "Southeastern Small Business Development Center CY 2010 – CDAG Allocation Jan-July 2010."

Cordes, Samuel M; Office of Engagement, from Indiana Economic Development Corporation, $144,042, "Southeastern Small Business Development Center CY 2010."

Davies, Susan B; Office of Engagement, from Indiana Economic Development Corporation, $24,452, "Hoosier Heartland Small Business Development Center CY 2010-CDAG Allocation."


Dennis, Jennifer L; agricultural economics, from Indiana Cooperative Development Center, $20,083, "Joint Partnership Between the Indiana Cooperative Development Center and Purdue University; in Farmers Market."

Derusha, Carmen E; field extension education, from TCU Foundation, $1,000, "Indiana Multi-Ethnic Conference."

DeWitt, William E; electrical & computer engineering technology, from Occupational Safety & Health Administration, $3,783, "OSHA Training Institute."

Dilkes, Brian; horticulture & landscape architecture, from The Agricultural Alumni Seed Improvement, $7,500, "Multi-Sponsored Gift Account."


Duchatelet, Martine; management — Calumet campus, from Indiana Economic Development Corporation, $196,872, "Northwest Indiana Small Business Development Center 2010."

Duchatelet, Martine; management — Calumet campus, from Indiana Economic Development Corporation, $33,265, "Northwest Indiana Small Business Development Center (CDAG Portion)."

Dukes, Jeffrey S; forestry and natural resources, from National Science Foundation, $99,432, "RCN: Integrated Network for Terrestrial Ecosystem Research on Feedbacks to the Atmosphere and Climate: Linking Experimentalists.” (a Discovery Park award — Birck Nanotechnology Center)

Duval-Couletil, Nathalie A; Certificate in Entrepreneurship and Innovation program, from McKeen Defense Group, $3,000, "Business Concept Development for NSWC Crane through Purdue Universitys Technology Commercialization Laboratory (TCL).” (a Discovery Park award — Burton D. Morgan Center)


Engel, Bernard A; agricultural & biological engineering, from Indiana State Department of Agriculture, $12,636, "Driftwatch.Org Serving Specialty Crop Producer Communities through Facilitated Registration."

Fahmy, Sonia A and Bertino, Elisa; computer science, CERIAS, from National Science Foundation, $113,666, "NeTS: Medium: Collaborative Research: a Comprehensive Approach for Data Quality and Provenance in Sensor Networks."

Field, William E; agricultural & biological engineering, from Agventure Adler Seeds, $1,000, "Breaking New Ground."

Fisher, Timothy; mechanical engineering, from Jawaharlal Nehru Centre for Advanced Science Res, $16,400, "The India-US Joint Networked Centre on Nanomaterials for Energy.” (a Discovery Park award — Birck Nanotechnology Center)

Foster, Ricky E and Weller, Stephen C; entomology, horticulture & landscape architecture, from Mary S. Rice Farm Estate, $8,331, "End Walls for High Tunnels at the Meigs Farm."

Freed, Andrew M; earth & atmospheric sciences, from National Aeronautics and Space Administration, $77,000, "Basin Tectonics and Volcanism on Mercury."

Freed, Andrew M; earth & atmospheric sciences, from National Science Foundation, $151,190, "Identification of Postseismic Transients in PBO GPS Time-Series.”

Frosch, Robert J; civil engineering, from Jarden Zinc Products Inc., $8,000, "Multi-Sponsored Voluntary Support."

Furnish, Virginia E; field extension educators, from Switzerland County Awareness Team, $500, "5th Grad Project LEAD."

Furnish, Virginia E; field extension educators, from Switzerland County Awareness Team, $500, "10th Grade Leadership."

Furnish, Virginia E; field extension educators, from United Fund of Switzerland County, $2,000, "Professor Popcorn; 4-H Mini Day Camp; 4th Grade Ag Education Day; Dining with Diabetes Program; Project LEAD 10th Grade Leadership."
Gabrielov, Andrei; mathematics, from National Science Foundation, $75,940, “Homotopy, Complexity and O-Minimality, Amendment 2.”

Garimella, Suresh V; mechanical engineering, from Alcatel-Lucent, $30,000, “CTRC Membership.”

Garimella, Suresh V; mechanical engineering, from Eaton, $30,000, “CTRC Membership.”

Geahlen, Robert L; medicinal chemistry & molecular pharmacology, from PHS-NIH National Cancer Institute, $51,782, “Tyrosine Protein Kinases and Lymphocyte Activation.”

Granger, Darryl E; earth & atmospheric sciences, from National Science Foundation, $53,991, “Collaborative Research: Climatic and Biotic Controls on Late Quaternary Erosion in the Oregon Coast Range.”

Harbin, Sherry L; biomedical engineering, from General Biotechnology LLC, $6,142, “Imaging of Cultured Cells and Tissue Constructs.”

Harris, Michael T; college of engineering administration, from U.S. Department of Energy, $110,000, “Virus Assemblies as Templates for Nanocircuits, Modification 9.”

Hassanein, Ahmed; nuclear engineering, from National Academy for Nuclear Training, $25,000, “Nuclear Academy for Nuclear Training Fellowships.”

Hertel, Thomas W; agricultural economics, from University of Hohenheim, $39,300, “GTAP Membership.”


Hertel, Thomas W; agricultural economics, from Agricultural Economics Research Institute, $39,300, “GTAP.”

Hertel, Thomas W; agricultural economics, from ABARE, $19,675, “GTAP Membership.”

Hertel, Thomas W; agricultural economics, from Massachusetts Institute of Technology, $19,650, “GTAP Membership.”

Hertel, Thomas W; agricultural economics, from Economic and Social Research Institute, $19,650, “GTAP Membership 04/01/10-03/31/11.”

Hibberd, Charles A; agriculture — administration, from Indiana Cooperative Development Center, $122,509, “ICDC 2010 Support.”

Hildebrandt, Carolyn S; field extension educators, from Pulaski Alliance for Community Education, $5,000, “Pulaski County Learning Network Project.”

Hook, Tomas O; Sepulveda, Maria S and Troy, Cary D; forestry & natural resources, civil engineering, from Electric Power Research Institute (EPRI), $49,019, “Biocatalytic Approaches to Evaluate Potential Positive and Negative Impacts of Thermal Discharge on Ohio River Fishes.”

Howe, Katherine M; botany & plant pathology, from Eco Logic LLC, $100, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Huffman & Huffman Inc., $20, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Douglas E Moore, $30, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Dave & Teena Ligman, $20, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Judith Doty Dumke, $20, “Katherine Howe Gift Fund.”


Howe, Katherine M; botany & plant pathology, from Amanda L Schwoegler, $20, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Mary S. Rice, $20, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Youlchon Foundation, $3, “Increase of Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from Andrew K or Lisa N Bean, $30, “Katherine Howe Gift Fund.”

Ileleji, Klein; agricultural & biological engineering, from Foreign Agricultural Service, $34,100, “Nigeria Commodity Storage and Handling Training Sessions.”

Ishii, Mamoru; nuclear engineering, from Nuclear Regulatory Commission, $119,549, “Suppression Pool Void Distribution During Blowdown; Task Order 6, Modification 2.”

Ivantysynova, Monika; agricultural & biological engineering, from National Fluid Power Association, $1,000, “Ivantysynova Multi-Gift Symposium.”

Ivantysynova, Monika; agricultural & biological engineering, from Linde Hydraulics Corp, $1,000, “Ivantysynova Multi-Gift Symposium.”

Jang, Soo Cheong; hospitality & tourism, from Youlchon Foundation, $3, “Increase of Award for Grant 204264.”

Jiang, Yiwei; agronomy, from Mary S. Rice Farm Estate, $6,550, “Evaluation of Drought Tolerance Traits in Natural Perennial Ryegrass Populations.”

Johnson, April J; comparative pathobiology, from Association of Reptile & Amphibian Veterinarian, $2,680, “Chytridiomycosis of Stream-Breeding Salamanders in North Carolina and its Association with Stoichiometry Values and Nutrient Excretion Rates.”

Johnson, William G: botany & plant pathology, from Dow Agrosciences, $10,000, “Weed Biology in DHT Corn and Soybean in Indiana Ecosystems.”


Johnson, William G: botany & plant pathology, from Rosen’s Inc., $6,000, “Weed Research.”


Kladivko, Eileen J: Bowling, Laura C; Frankenberger, Jane R and Owens, Philip R: agronomy, agricultural & biological engineering, from Mary S. Rice Farm Estate, $9,600, “Tile Drainage Measurement System at SEPAC.”


Kramer, Robert A: Vice Chancellor for Academic Affairs – Calumet campus, from IBM, $47,555, “Nuclear Energy Advanced Modeling and Simulation Framework.”

Krupke, Christian H: entomology, from Syngenta Crop Protection Inc., $4,000, “Krupke – Entomology Research.”


Kuhn, Richard J: biological sciences, from PHS-NIH National Center for Research Resource, $14,902,414, “A Multidisciplinary Cancer Research Facility at Purdue University.” (a Discovery Park award — Bindley Bioscience Center)

Kulatunga, N A: electrical & computer engineering technology, from Indiana Michigan Power Co., $70,000, “Smart Meter Intergration Laboratory.”

Lasker, Gregory C: building construction & management technology, from Health Research & Educational Trust, $15,830, “Development of Intern/Fellowship Program.”


Lechtenberg, Victor L: Office of Engagement, from U.S. Department of Health and Human Services, $12,000,000, “Purdue University Establishment of the Indiana Health Information Technology Extension Center.”

Lelievre, Sophie A and Vidi, Pierre-Alexandre: basic medical science, from Novartis Foundation, $46,503, “Nuclear Organization in DNA Repair - the Role of the Nuclear Mitotic Apparatus (NuMA) Protein.”

Lempert, Laszlo: mathematics, from National Science Foundation, $95,915, “Complex Analysis and Geometry in Infinite Dimensions, Amendment 3.”

Leung, Yuk Fai: biological sciences, from Knights Templar Eye Foundation Inc., $40,000, “Disease Causing Gene Network in Zebrafish Retinal Pigment Epithelium.”


Lindsay, Ian C: anthropology, from National Science Foundation, $56,924, “Collaborative Research: the Fortress and the Grassroots: Archaeological Investigations of Early Complex Societies on the Tsaghkahovit Plain, Armenia.”

Lopez, Roberto G: horticulture & landscape architecture, from Selecta, $2,500, “Multi-Sponsored Gift Account.”


Lopez, Roberto G: horticulture & landscape architecture, from Ball Horticultural Co., $100, “Multi-Sponsored Gift Account.”


Lopez-De-Bertodano, Martin A: nuclear engineering, from Autoridad Regulatoria Nuclear, $80,000, “Transient Analysis of the Atucha-II Nuclear Power Reactor.”


Lucht, Robert P: mechanical engineering, from Spectral Energies, LLC, $76,463, “Spatially and Temporally Resolved Temperature and Species Concentration Measurements in High-Pressure Combustors Using fs-CARS.”

Lumkes, John H: agricultural & biological engineering, from Parker Hannifin Foundation, $4,000, “Parker Laboratory Gift Account.”

Lundstrom, Mark S: electrical & computer engineering, from State University of New York, $125,000, “Increase Grant 103533 Modification #3 Subaward #08-42.”

Lyuikov, Maxim Y: physics, from National Aeronautics and Space Administration, $144,000, “Theoretical Study of Neutron Stars: the Double Pulsar, Crab, and Magnetars, Supplement 1.”

Maynard, Elizabeth T: Pinney-Purdue Agricultural Center, from Mary S. Rice Farm Estate, $10,000, “High Tunnel Structure for Research and Demonstration in Northern Indiana.”

McCrory, Kenric A: continuing studies – Fort Wayne campus, from Indiana Economic Development Corporation, $30,973, “Northeast Indiana Small Business Development Center (CDAG Funding).”

McCrory, Kenric A: continuing studies – Fort Wayne campus, from Indiana Economic Development Corporation, $139,607, “Northwest Indiana Small Business Development Center (Federal Funds).”
McCullough, Robert G; anthropology – Fort Wayne campus, from Indiana Department of Natural Resources, $40,623, "A Tenth Anniversary at Strawtown: Developing a Catalog of Late Prehistoric Structure Types."

McCullough, Robert G; anthropology – Fort Wayne campus, from Indiana Department of Natural Resources, $36,442, "Intensive Survey of the Smith-Sutton Farm."

McMillin, David R; chemistry, from National Science Foundation, $120,000, "Late Transition Metal Lumiphores and Probes, Amendment 1."

Meilan, Richard; forestry & natural resources, from Mary S. Rice Farm Estate, $10,000, "Fertigating Poplar Plantations to Assess Effects on Productivity."

Meilan, Richard; forestry & natural resources, from Motion Picture Marine, $8,000, "Samual Grober Treasurer."

Melosh, Henry J; physics, from Southwest Research Institute, $31,303, "Understanding the Formation and Bombardment History of the Moon."

Mengiste, Tesfaye D; botany & plant pathology, from National Science Foundation, $6,000, "REU Supplement/the Role of Receptor Like Cytoplasmic Kinase Mediated Signaling in Plant Responses to Necrotrophic and Biotrophic Pathogens."


Michler, Charles H; forestry & natural resources, from U.S. Forest Service, $235,000, "Hardwood Tree Improvement and Regeneration Center."

Mickelbart, Michael V; horticulture & landscape architecture, from Michigan State University, $15,000, "Interregional Research Project #4 Minor Crop Pest Management Program-Efficacy of Pre-Emergence Sedge Control Materials."

Molnar, Denes; physics, from U.S. Department of Energy, $626,000, "Viscosity and Equation of State of Hot and Dense QCD Matter."

Morris, Pamala V; agriculture – administration, from University of Nebraska-Lincoln, $15,000, "Diversity Across Higher Education Extension Communities of Practice."


Nennich, Tamilee D; Southern Indiana-Purdue Agricultural Center, from Rice, Mary S. Farm Estate, $6,000, "Dairy Heifer Feeding Strategies to Improve Animal Performance During Transition Periods."

Nielsen, Robert L; Biehle, Donald J; Boyer, Jeffrey L; Leuck, Jon D; Walker, Philip C and Young, Jay C; Pinney-Purdue Agricultural Center, Southeast-Purdue Agricultural Center, Davis-Purdue Agricultural Center, Northeast-Purdue Agricultural Center, Throckmorton-Purdue Agricultural Center, from Mary S. Rice Farm Estate, $5,000, "Precision Ag Technologies for the PACs."

Nolan, Christine E; agriculture – administration, from Witham Health Services, $10,000, "Economic Impact Analysis of Witham Hospital."

Nyenhuis, John A; electrical & computer engineering, from IDev Technologies, Inc., $6,500, "MRI Tests on Stents."

Nyenhuis, John A; electrical & computer engineering, from Zimmer, $7,280, "Preliminary Assessment of Potential for MRI Heating of Orthopaedic Implants and Device Labeling."


Olszewski, Lynn T; nursing – Calumet campus, from Indiana University, $276,000, "Northwest Indiana Area Health Education Center (NWI-AHEC)."

Pak, William L; biological sciences, from PHS-NIH National Institute of Mental Health, $309,336, "Molecular Analysis of Synaptic Transmission Mutants."

Pekarek, Steven D; electrical & computer engineering, from National Aeronautics and Space Administration, $45,000, "Optimal Electric Machinery Design for Lunar Rover Propulsion Drives, Supplement 1."

Pekarek, Steven D and Decarlo, Raymond A; electrical & computer engineering, from Converteam Naval Systems, Inc., $40,000, "Compact Power Conversion Technologies (CPCT) ONR Phase I PROGRAM."

Pekarek, Steven D; electrical & computer engineering, from Master Control Systems Inc., $7,800, "Energy Sources & Systems Support."


Pinal, Rodolfo; industrial & physical pharmacy, from Shionogi and Company Ltd, $35,000, "CPPR Consortium."

Pogranichnyi, Roman M; comparative pathobiology, from Agricultural Research Service, $27,188, "Identifying Porcine Genes and Gene Networks Involved in Effective Response to PRRS Virus Using Functional Genomics and Systems Biology."

Pourpoint, Timothee L; Fisher, Timothy and Gore, Jay P; aeronautical & astronautical engineering, mechanical engineering, from General Motors Corp, $114,227, "High Pressure Characterization of Hydrogen Absorbant Materials."

Pratt, David M; Vice Chancellor of Academic Affairs – North Central campus, from Indiana Campus Compact, $2,250, "Technology Engaged Classroom Helps Everyone (Technology-E)."

Pujol, Santiago and Irfanoglu, Ayhan; civil engineering, from National Science Foundation, $40,000, "Collection of Field Data from Haiti for Calibration of Seismic Vulnerability Indices."
Purcell, Lindsey A; forestry & natural resources, from Indiana Department of Natural Resources, $4,550, “GoodTree Works Program.”

Qi, Minghao and Xu, Xianfan: electrical and computer engineering, mechanical engineering, from Massachusetts Institute of Technology, $230,000, “Membrane Technology and 3-D Photonic-Crystal Devices.” (a Discovery Park award — Birck Nanotechnology Center)

Qiao, Li and Lucht, Robert P; aeronautics and astronautics, mechanical engineering, from En’urga, Inc., $16,000, “Combustion Modeling.” (a Discovery Park award — Energy Center)

Raftery, M D; chemistry, from PHS-NIH National Institute of General Medical Science, $234,943, “Advanced Methods in NMR-Based Metabolomics.” (a Discovery Park award — Oncological Sciences Center)

Raftery, M D; chemistry, from PHS-NIH National Cancer Institute, $164,671, “Metabolomics-Based Identification of Hepatocellular Cancer Biomarkers.” (a Discovery Park award — Oncological Sciences Center)

Reed, Janet M; field extension educators, from March of Dimes Northwest Division, $975, “Have a Healthy Baby Lake County.”

Revankar, Shripad T; nuclear engineering, from Electric Power Research Institute (EPRI), $28,146, “Rod Bundle Heat Transfer for CFD Analysis.”

Richert, Brian T; animal sciences, from Chemgen Corp, $6,000, “Swine Research.”

Robinson, Joseph P and Davission, Vincent J; basic medical sciences, medicinal chemistry & molecular pharmacology, from Amgen, Inc., $168,657, “Mitochondrial Dysfunction Lead Optimization Screening Assay.” (a Discovery Park award — Bindley Bioscience Center)

Rode, Robert A and Quagrainie, Kwamena K; forestry & natural resources, agricultural economics, from Mary S Rice Farm Estate, $6,000, “Management of a Eutrophic Pond for Aquaculture Production.”

Rowe, Helen I; Holland, Jeffrey D; Gramig, Benjamin M and Dukes, Jeffrey S; forestry & natural resources, entomology, agricultural economics, from National Institute of Food & Agriculture, $445,092, “Conservation Biocontrol and Carbon Sequestration in Agroecosystems: the Role of Land Use and Management in Maximizing Ecosystem Services to Agriculture.”

Roy, Kaushik; electrical & computer engineering, from RNET Technologies Inc., $33,000, “Design of SRAM Architecture.”

Roy, Kaushik; electrical & computer engineering, from RNET Technologies Inc., $200,000, “SER Tolerant FPGAs.”

Sadeghi, Farshid; Adams, Douglas E and Peroulis, Dimitrios; mechanical engineering, electrical & computer engineering, from Charles F Day & Association LLC, $175,000, “Lube Lab on a Chip in a Diagnostic Cleat for Performance Based Logistics.”

Sadeghi, Farshid; mechanical engineering, from Society of Tribologists & Lubrication Engineers, $2,500, “Tribology Lab Research.”

Sadof, Clifford S; entomology, from Kentucky Nursery and Landscape Association, $205, “Ornamental Insect Research.”


Saha, Shubin K; horticulture & landscape architecture, from American Takii, $1,250, “Multiu Sponsored Gift Account.”

Saha, Shubin K; horticulture & landscape architecture, from Mary S. Rice Farm Estate, $6,300, “Small Tillage Implements for Use in High Tunnel Research.”

Saha, Shubin K; horticulture & landscape architecture, from Abbott & Cobb Inc., $1,000, “Multiu Sponsored Gift Account.”

Salt, David E; horticulture & landscape architecture, from Purdue University Discovery Park Seed Grant Program, $7,751, “Tools to Facilitate Collaboration Within the Virtual Ionomics Network at Ionomischub.Org to Foster Ionomic Discovery.”

Sands, Laura P; Thomas, Joseph and Craig, Bruce A; nursing, pharmacy practice, statistics, from PHS-NIH National Institute on Aging, $336,836, “Prognostic Significance of Insufficient ADL Help on Health Outcomes/Utilization.”

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

Shaurette, Mark E; building construction & management technology, from City of Lafayette, $7,000, “Purdue Glen Acres Energy Audit Service Learning Project.”

Sheehan, Amy H; pharmacy practice, from Eli Lilly and Company, $110,770, “Lilly Portion of Fellowship Program for Pharmacy Practice Post-Graduate Fellowship Program.”

Shepson, Paul B and Gurney, Kevin R; chemistry, earth & atmospheric sciences, from National Institute of Standards & Technology, $875,400, “Development, Improvement & Assessment of the Accuracy of Aircraft-Based Mass Balance Measurements of Integrated Urban Emission Fluxes of Greenhouse Gas.” (a Discovery Park award — Purdue Climate Change Research Center)

Sloan, Mary Anne; Technology Assistance Program, from Indiana State Department of Health, $47,638, “MLC-3.2, Amendment 4.”

Sloan, Mary Anne; Technology Assistance Program, from Indiana State Department of Health, $16,725, “PHSQIP Attachment F.”

Smith, Mjt; graduate school administration, from National Science Foundation, $666,667, “NSF Stimulus Graduate Fellowship Research Program 2009-2012.”

Smith, Richard S; food science, from Bay Valley Foods LLC, $2,000, “Sensory Evaluation Research.”

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

Smith, Richard S; food science, from PHS-FDA Food and Drug Administration, $161,723, “Food Processing and Technology Facility Services.”

Smith, Richard S; food science, from Heartland Sweeteners, $2,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from 4C Foods Corp, $1,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Bay Valley Foods LLC, $2,000, “Sensory Evaluation Research.”

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

Smith, Richard S; food science, from Heartland Sweeteners, $2,000, “Sensory Evaluation Research.”


Smith, Richard S; food science, from Maplehurst Bakeries Inc., $2,000, “Sensory Evaluation Research.”
Smith, Richard S; food science, from Insight Beverages, $1,000, "Sensory Evaluation Research.”

Smith, Richard S; food science, from Clabber Girl, $1,000, "Sensory Evaluation Research.”

Smith, Richard S; food science, from Hormel Foods Corporation, $1,000, "Sensory Evaluation Research.”

Smith, Richard S; food science, from, Brett A Canaday & Tia M Agnew, $1,000, "Sensory Evaluation Research.”

Smith, Richard S; food science, from Mark A Sloneker, $2,000, "Sensory Evaluation Research.”


Snow, Lowell D; Technology Assistance Program, from Indiana Economic Development Corporation, $279,703, “Manufacturing Extension Partnership FY 2009-2010, Amendment 16.”


Snyder, Lori J; Neary, Michael; Nennich, Tamilee D; Shelton, Brad W; Tower, Jason E and Woodson, Patrick W; agronomy, animal sciences, field extension educators, Southern Indiana-Purdue Agricultural Center, from Mary S. Rice Farm Estate, $7,820, “Evaluation of Animal Performance and Pasture & Soil Quality When Co-Grazing Dairy Heifers and Goats.”

Spafford, Eugene H; computer science, from Telcordia Technologies, $60,000, “CERIAS Voluntary Support.”

Stansbury, Betty M; airport operations, from Federal Aviation Administration, $75,000, “Construct New 8 Unit-T-Hanger (Phase 2).”


Subbarayan-Shastri, Ganesh; mechanical engineering, from Research Foundation of Suny, $125,000, “The Impact of Chip-Pack- age Interactions: Models and Experiments for Reliable Design of Cu/Low-K Packages, Modification 2.”

Sudhoff, Scott D and Pekarek, Steven D; electrical & computer engineering, from RCT Systems Inc., $60,263, “Power Dense Quiet (PDQ) Electric Drive for Underwater Propulsion.”

Sun, Chin-Teh; aeronautical & astronautical engineering, from Air Force Office of Scientific Research, $150,000, “Development and Application of Acoustic Metamaterials with Locally Resonant Microstructures.”

Swihart, Robert K; Saunders, Michael R; Amberg, Shannon M; Dunning, John B; Jenkins, Michael A and Macgowan, Brian J; forestry & natural resources, from Indiana Department of Natural Resources, $516,072, “Hardwood Ecosystem Experiment-Phase 2.”

Sypher, Beverly D and Katti, Andrew M; communication, chemistry and physics — Calumet campus, from National Science Foundation, $20,481, “Development and Validation of HPLC/Mass Spectrometry Methods in Support of the BESC Metabolomics Mission.” (a Discovery Park award — Discovery Learning Research Center)

Tao, Weiguang A; biochemistry, from 3M General Offices, $15,000, “3M Nontenured Faculty Grant.”

Tower, Jason E and Neary, Michael; Southern Indiana-Purdue Agricultural Center, animal sciences, from Rice, Mary S. Farm Estate, $5,000, “Continued Support of Goat Research & Education at SIPAC.”


Turckcan, Ayten; Regenstrief Center for Healthcare Engineering, from R.L. Roudebush Va Medical Center, $42,754, “Simulation-Based Planning Model for Mental Health Care Services.” (a Discovery Park award — Regenstrief Center for Healthcare Engineering)


Vitek, Jan; computer science, from Microsoft Corporation, $25,000, “Microsoft SHARDS.”

Vyn, Tony J; agronomy, from Southern Illinois University, $20,000, “Cultural Practice Evaluation for Canola Production Under Indiana Conditions.”

Wang, Nien-Hwa I; chemical engineering, from Babcock and Wilcox Company, $9,000, “Change Order 1- Po4900003530-1 Design, Scale Up, and Optimization of Ion Exchange Processes for the Recovery of a Medical Isotope.”


Watkins, Bruce A; food science, from Elsevier Inc., $5,000, “Food Lipid Research.”

Weaver, Connie M; foods & nutrition, from Mount Sinai School of Medicine, $6,110, “Protective Roles of Grape Derived Polyphenols in Alzheimers Disease, Amendment 1.”

Weaver, Connie M; foods & nutrition, from Smithucklin Corp, $6,000, “Corporate Affiliates Fund.”

Weaver, Connie M; foods & nutrition, from Mount Sinai School of Medicine, $26,535, “Protective Roles of Grape-Derived Polyphenols in Alzheimers Disease, Amendment 1.”

Weaver, Connie M; foods & nutrition, from Kraft Foods Global Inc., $6,000, “Corporate Affiliates Fund.”

Weiner, Henry; biochemistry, from PHS-NIH National Institute on Alcohol Abuse, $30,660, “Enzymology and Molecular Biology of Carnaryl Metabolism XV.”

Weller, Stephen C; horticulture and landscape architecture, from Mary S Rice Farm Estate, $10,000, “Production Equipment for the Meigs Farm Organic Research Area.”
Whitford, Fred; botany & plant pathology, from OK Veterinary Medical Association, $500, “Purdue Pesticide Programs.”

Wise, Kiersten A; botany & plant pathology, from Ohio State University, $12,400, “Improving Disease Management in Wheat through Novel Disease and Economic Threshold Models-Extension Portion.”


Wise, Kiersten A; botany & plant pathology, from Ohio State University, $34,144, “Improving Disease Management in Wheat through Novel Disease and Economic Threshold Models-Research Portion.”

Wlodarczyk, Jaroslaw; mathematics, from National Science Foundation, $46,959, “Resolution of Singularities and Birational Geometry, Amendment 2.”

Wodicka, George R; biomedical engineering, from Indiana University Purdue University at Indianapolis, $27,489, “Wodicka – IUPUI Graduate Support.”

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, $474,196, “Nanoscale Optical Antenna Array for Controlled, Massively Parallel Manufacturing of Nanowire Devices.” (a Discovery Park award — Birck Nanotechnology Center)

Xu, Xianfan; mechanical engineering, from Panasonic R&D Co of America, $30,000, “Laser Annealing of Silicon.”

Yaninek, John S; entomology, from Embassy of the Arab Republic of Egypt, $10,000, “Ecological and Biological Studies of the Dipterous Leafminers.”

Yehle, Karen S; nursing, from America Association of Heart Failure Nurses Inc., $45, “Multi-Sponsored Account.”

Yeo, Yoon; industrial & physical pharmacy, from Yang Chung Park, $3,000, “Yang Chung Park Voluntary Support.”

Young, Jay C; Hirst, Peter M and Linder, Nathan L; Throckmorton-Purdue Agricultural Center, horticulture & landscape architecture, from Mary S. Rice Farm Estate, $4,563, “Apple Bin Upgrade (at the Meigs Farm).”


Zhuang, Qianlai; earth & atmospheric sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $190,625, “Salmonella Sopa is SAGrowth Mimicry of Eukaryotic E3 Protein Ubiquitin Ligase.”


Zillich, Alan J; pharmacy practice, from VA Medical Center/Carmel, $15,947, “Heather Jaynes IPA.”

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.