Abbott, Angela R and Ferroli, Christina E; consumer & family sciences, field extension educators, from Central Indiana Council on Aging Inc. (CICOA), $30,000, “Central Indiana Council on Aging Inc. (CICOA).”

Adams, Douglas E; mechanical engineering, from Purdue University, $50,000, “Minimal Sensing Impact Identification for Helmet Load Monitoring.”

Adams, Stephen B; veterinary clinical science, from Medical Murray, $30,391, “Implantation of Bioabsorbable Markers in the Mammary Glands of Swine to Determine Rate of Resorption by Ultrasound Examination.”

Agrawal, Rakesh; chemical engineering, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,059, “Center for Catalytic Conversion of Biomass to Bioenergy (C3Bio).”

Agrawal, Rakesh; chemical engineering, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,059, “Center for Catalytic Conversion of Biomass to Bioenergy (C3Bio).”

Alexeenko, Alina; aeronautical & astronautical engineering, from Veeco, $48,000, “Flow Modeling in Conduetance Tube of Linear Source.”


Apostoia, Constantin M; electrical & computer engineering — Calumet campus, from University of Minnesota, $1,333, “A Nationwide Consortium of Universities to Revitalize Electric Power Engineering Education by State-of-the-Art Laboratories; Amendment 1.”

Atallah, Mikhail J; Center for Education and Research in Information Assurance and Security (CERIAS), from Qatar University, $348,156, “Trusted Computation-Intensive Services in Cloud Computing Environments.”

Avramova, Larisa V; biological sciences, from Ivy Technology State College, $2,500, “Research Experience for Ivy Technology Faculty.” (a Discovery Park award — Bindley Bioscience Center)

Barker, Eric L; medicinal chemistry & molecular pharmacology, from Purdue Doctoral Program, $20,093, “Kelleman, Marie.”

Barker, Eric L and Chester, Julia A; pharmacy - administration, psychological sciences, from PHS-NIH National Institute on Alcohol Abuse, $14,000, “Anxiety in a Genetic Animal Model of Alcoholism Role of Endocannabinoids.”

Barrick, Debra K; cooperative education — Fort Wayne campus, from Indiana CampusCompact, $0, “Service Engagement Corps (S-E Corps) AmeriCorps Program.”

Beaudoin, Stephen P; chemical engineering, from Purdue Doctoral Program, $19,420, “Schram, Caitlin, J.”

Beaudoin, Stephen P; chemical engineering, from Ross Graduate Fellowship-Assistantship, $18,215, “Schram, Caitlin, J.”

Beaudoin, Stephen P; chemical engineering, from Ross Graduate Fellowship-Assistantship, $18,215, “Degenstein, John, C.”

Beaudoin, Stephen P; chemical engineering, from Ross Graduate Fellowship-Assistantship, $18,215, “Schram, Caitlin, J.”

Benett, Robert W and Hudmon, Karen S; pharmacy practice, from Interstate Postgrad Medicine Association, $7,000, “CS2Day Part 2: Building on Success: The 5 as Cloud.”

Bergstrom, Donald E and Butler, Felice N; pharmacy - administration, medicinal chemistry & molecular pharmacology, from Coferon Inc, $139,874, “Development of Summa Linkers.” (a Discovery Park award — Bindley Bioscience Center)

Bertino, Elisa and Ouzzani, Mourad; computer science, from National Science Foundation, $163,788, “TC: Large: Collaborative Research: Privacy-Enhanced Secure Data Provenance.” (a Discovery Park award — Cyber Center)


Blatchley, Ernest R; civil engineering, from Orange County Soil & Water Conservation District, $19,846, “Characterization of Chloramines in Source Waters from an Advanced Water Purification Facility by Membrane Introduction Mass Spectrometry (MIMS) and Wet-Chemical Methods.”

Boiarsky, Carolyn R; English & philosophy - Calumet campus, from National Writing Project Corporation, $35,000, “Northwest Indiana Writing Project 2011-12.”

Borch, Richard F; medicinal chemistry & molecular pharmacology, from Purdue Doctoral Program, $21,428, “Westbrook, Mark, L.”

Bouch, Emily C; educational studies, from U.S. Department of Education, $199,808, “Technologies in Special Education (TISE) Scholars Program.”

Braile, Lawrence W; earth & atmospheric sciences, from National Science Foundation, $105,000, “Research Experience for Undergraduates (REU) Site: Summer of Applied Geophysical Experience (SAGE); Amendment 3.”

Braile, Lawrence W; earth & atmospheric sciences, from National Science Foundation, $105,000, “Research Experience for Undergraduates (REU) Site: Summer of Applied Geophysical Experience (SAGE); Amendment 2.”

Braun, James E; mechanical engineering, from Ross Graduate Fellowship-Assistantship, $18,215, “Cai, Jie.”

Brightman, Andrew O; biomedical engineering, from Indiana University Purdue University at Indianapolis, $35,801, “2011-12 Joint MDPhD Program for Graduate Support - Arman Nayebosadri.”

Brightman, Andrew O; biomedical engineering, from IU School of Medicine, $20,404, “Joint PhD Program for Graduate Support - Henry Chen.”

Brightman, Andrew O; biomedical engineering, from Indiana University Purdue University at Indianapolis, $35,801, “2011-12 Joint MDPhD Program for Graduate Support - Shaoyu Qiao.”

Byrn, Stephen R: industrial & physical pharmacy, from Pfizer Inc, $55,000, “Pfizer Gift.”

Caffee, Marc W: physics, from National Aeronautics and Space Administration, $142,374, “Improved Measurement Techniques of Long Lived Radionuclides in Materials from Sample Return Missions; Supplement 2.”

Campbell, Noll L: pharmacy practice, from Indiana University, $43,538, “Pharmacological Management of Delirium; Amendment 1.”

Campbell, Wayne W: foods & nutrition, from Winifred B. Billsend Endowment, $19,346, “Tang, Minghua.”


Chang, Fen-Lei: medical education - Fort Wayne campus, from Indiana University, $9,000, “FY 2011-2012 Indiana University School of Medicine (IUSM) Fort Wayne National Board Of Medical Examiners (NBME) Shelf Exam Fund.”

Chang, Fen-Lei: medical education - Fort Wayne campus, from Indiana University, $469,217, “FY 2011-2012 Indiana University School of Medicine (IUSM) Fort Wayne General Fund.”

Chapple, Clint C: biochemistry, from National Science Foundation, $553,626, “Arabidopyrones: A New Group of Specialized Plant Metabolites from Arabidopsis.”

Chen, Weinong W: aeronautical & astronautical engineering, from Office of Naval Research, $60,000, “Ballistic Energy Dissipation through the Failure of Dynecma.”

Chen, Yong P: physics, from Defense Threat Reduction Agency, $100,000, “Interaction of Radiation with Graphene-Based Nanomaterials.”


Choi, Jong Hyun: mechanical engineering, from Ross Graduate Fellowship-Assistantship, $18,215, “Chen, Haorong.”

Christian, John A: comparative pathobiology, from Western University of Health Sciences, $1,635, “Cytology Resource Center”

Christian, John A: comparative pathobiology, from Western University of Health Sciences, $1,885, “Cytology Resource Center”

Constable, Peter D: veterinary clinical science, from Magrane Pet Medical Center, $8,922, “Support for Ophthalmology Residency.”

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

Cooper, James A: electrical & computer engineering, from II-VI Foundation, $49,911, “II-VI Foundation Research Gift.”

Copper, Gordon L: medical education, from Indiana University Purdue University at Indianapolis, $3,700, “FY11-12 Indiana University School of Medicine (IUSM) Lafayette National Board Of Medical Examiners (NBME)/Shelf Exam Fund.”

Copper, Gordon L: medical education, from Indiana University Purdue University at Indianapolis, $4,000, “FY11-12 Indiana University School of Medicine (IUSM) Lafayette Student and Faculty Recruitment & Retention.”

Coppock, Gordon L: medical education, from Indiana University Purdue University at Indianapolis, $10,000, “FY11-12 Indiana University School of Medicine (IUSM) Lafayette Life Cycle Fund.”

Couetil, Laurent L; Ivester, Kathleen M; Hogenesch, Harm and Zimmerman, Neil J: veterinary clinical science, veterinary medicine - administration, health sciences, from USA Equestrian Inc, $17,008, “Immunoproteomic Analysis of Stable Dust in Horses with Chronic Airway Inflammation.”


Curtis, Susan: American studies, from George Washington Carver Fellowship, $21,346, “Young, Lisa.”

Cushman, Mark S: medicinal chemistry & molecular pharmacology, from PHS-NIH National Cancer Institute, $324,817, “Novel Topoisomerase I Inhibitors.”

Cushman, Mark S: medicinal chemistry & molecular pharmacology, from Purdue Research Foundation: Special Incentive Research Grant (SIRG), $17,059, “Design & Synthesis of Azaindenoisoquinolines as Topoisomerase I Inhibitors & Potential Anticancer Agents. Experiments Evaluation of the Pi-Pi Stacking Hypothesis.”

Davidson, Terry L; Powell, Terry L and Swithers, Susan E: psychological sciences, from PHS-NIH National Institute of Child Health and Human Development, $792,086, “Energy Dysregulation: Behavioral and Biological Signals.”

Davies, Patricia: mechanical engineering, from Federal Aviation Administration, $110,000, “Project #24 Human Response - Annoyance.”

Davies, Patricia: mechanical engineering, from Federal Aviation Administration, $70,000, “Project #25 Human Response - Sleep Disturbance.”

DeLaurentis, Daniel A: aeronautical & astronautical engineering, from The Boeing Company, $60,000, “Technology Development Support for the Meta II Program.”


Diefes-Dux, Heidi A; Brophy, Sean; Cardella, Monica E; Strobel, Johannes; Capobianco, Brenda M and Reed-Rhoads, Terri: engineering education, engineering administration engineering experiment, from National Science Foundation, $577,379, “R&D: Quality Cyber-Enabled, Engineering Education Professional Development to Support Teacher Change; Amendment 3.”

Doerge, Rebecca W: statistics, from George Washington Carver Fellowship, $21,428, “Bitt, Angelitta, M.”

Doerge, Rebecca W: statistics, from George Washington Carver Fellowship, $21,346, “Harry, April, J.”

Doerge, Rebecca W: statistics, from Knox, David M. Endowment, $19,346, “Gomes, Christian”

Dong, Suchuan: mathematics, from Office of Naval Research, $63,750, “Wall-Bounded Turbulence in the Presence of Liquid-Gas Interface: A Phase Field-Based Method and Computation Algorithms; Modification 1.”


Edwards, Nancy E: nursing, from PHS-NIH National Center for Health Resources and Services Administration, $279,325, “Rural Advanced Practice Nursing: Post Business to MS/DNP.”


Frankel, Steven H and Chen, Jun: mechanical engineering, from Indiana University Purdue University at Indianapolis, $12,551, “Cavopulmonary Assist: Circulatory Support for the Univentricular Fontan Circulation; Amendment 3.”

Frankel, Steven H and Chen, Jun: mechanical engineering, from Indiana University Purdue University at Indianapolis, $238,122, “Cavopulmonary Assist: Circulatory Support for the Univentricular Fontan Circulation; Amendment 2.”

Franks, Melissa M; Jensen, Jakob; MacDermid Walkdworth, Shelley; Boushey, Carol J and Weaver, Connie M: child development & family studies, communication, consumer & family sciences, foods & nutrition, from PHS-NIH National Institute of Child Health and Human Development, $6,000, “Emerging Research on Families and Health.”

Franses, Elias I and Corti, David S: chemical engineering, from Hewlett Packard SBY PO Payment Request, $100,000, “Stability of Colloidal Dispersions of Nanoparticles Against Sedimentation and Agglomeration.”

French, Doran C: child development & family studies, from Ross Graduate Fellowship-Assistantship, $17,161, “Marini, Christina.”

Fricker, Jon D: civil engineering, from Indiana Department of Transportation, $98,000, “Updated Procedures for Traffic Impact Analysis.”

Garimella, Suresh V: mechanical engineering, from Multi-Sponsored Industrials, $7,500, “Cooling Technologies Research Center (CTRC) 2011 Membership.”

Garimella, Suresh V: mechanical engineering, from Multi-Sponsored Industrials, $30,000, “Cooling Technologies Research Center (CTRC) 2011 Membership.”


Gerber, Corey K: agronomy, from Dow Agro Sciences, $20,000, “Diagnostic Training Center - Dow Agro Sciences LLC.”

Gibb, Timothy J and Saltzmann, Kurt D: entomology, from Rutgers State University, $130,145, “Bed Bug Monitoring and Integrated Pest Management (IPM).”

Giordano, Nicholas J: physics, from Ross Graduate Fellowship-Assistantship, $17,096, “Damodaran, Mridula.”

Giordano, Nicholas J: physics, from Ross Graduate Fellowship-Assistantship, $17,096, “Changyu, Huang.”

Giordano, Nicholas J: physics, from Ross Graduate Fellowship-Assistantship, $17,096, “Arnold, Ian.”

Giordano, Nicholas J: physics, from Purdue Doctoral Program, $173, “Reuter, Cassie, A.”

Goforth, Reuben R: forestry & natural resources, from Duke Energy Indiana, Inc, $100,000, “Bryant Creek Embayment Aquatic Habitat Enhancement Program.”

Granger, Darryl E: earth & atmospheric sciences, from National Science Foundation, $123,425, “Collaborative Research: Climatic and Biotic Controls on Late Quaternary Erosion in the Oregon Coast Range; Amendment I.”

Greenan, James P: curriculum & instruction, from Indiana Department of Workforce Development, $90,363, “Leadership Development Program (LDP) in Career and Technical Education.”

Gregg, Angela R: diversity & multicultural affairs - Fort Wayne campus, from Indiana Department of Education, $11,784, “Indiana University-Purdue University Fort Wayne (IPFW) Office of Diversity and Multicultural Affairs Summer Food Service Program.”


Haddock, John E and Habermann, John A: civil engineering, from Federal Highway Administration Office of, $7,000, “2011 Dwight Eisenhower Summer Exchange Fellowship – Benejam, Leilany.”

Haddock, John E and McDaniel, Rebecca S: civil engineering, from Indiana Department of Transportation, $150,000, “Optimizing Laboratory Mixture Design as it Relates to Field Compaction in Order to Improve Hot-Mix Asphalt Durability.”

Han, Bumsoo: mechanical engineering, from National Science Foundation, $7,000, “Research Experience for Undergraduates (REU) Supplement: CAREER: Multi-Scale Cell-Fluid Matrix Interactions During Freezing-Thawing of Biological Tissues.”


Harbin, Sherry L: biomedical engineering, from Purdue Doctoral Program, $430, “Whittington, Catherine, F.”


Harding, Melvyn D: Educational Opportunities Program - Calumet campus, from School City of Hammond, $4,000, “McKinney Vento Youth Participation in the Project Excel Summer Enrichment Program.”

Harper, William A: health and kinesiology, from Purdue University Special Initiative Program, $5,614, “Parker, Lauren, E (2).”


Heinz, Michael G: psychological sciences, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $394,478, “Effects of Sensoneural Hearing Loss on Robust Speech Coding.”


Hertel, Thomas W: agricultural economics, from Johann Heinrich Von Thunen Institute (VTI), $228,551, “Global Trade Analysis Project (GTAP) Consortium.”


Hogensesh, Harm: veterinary medicine - administration, from Jackson Laboratory, the, $46,269, “Amendment 4 - Grant 102606 - Year 7 Increase.”


Hollenbeck, Peter J: biological sciences, from PHS-NIH National Institute Neurological Disorders and Stroke, $26,088, “Control of Neural Organelle Transport.”

Hook, Tomas O; Einstein, Mark E; Miller, Brian K; Quagrainie, Kwamena K and Thompson, Leslie E: forestry & natural resources, animal sciences, agricultural economics, biological sciences - Calumet campus, from University of Illinois at Champaign-Urbana, $25,940, “2010-2013 Illinois-Indiana Sea Grant College Program Omnibus.”

Howe, Katherine M; botany & plant pathology, from Multi-Sponsored Industrials, $90, “Katherine Howe Gift Fund.”

Howell, Kathleen; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $35,000, “Application of Dynamical Systems Theory, Numerical Methods, and Optimization Strategies to Facilitate Mission Design and Analysis.”

Huang, Chi-Hua; agronomy, from Advanced Design & Machine, $2,700, “Liming Research Program.”

Hunte, Haslyn E; health and kinesiology, from Indiana Minority Health Coalition, $4,900, “Research and Evaluation Support for the Black Men’s Health Study Conducted by the Racial and Ethnic Minority Epidemiological Center.”

Hurt, R D; history, from Puskar Memorial Fund, $20,846, “Ghionea, Angela, C.”

Hutcheson, John S; office of engagement, from Multi-Sponsored Industrials, $5,000, “Purdue Center for Regional Development.”

Irazoqui, Pedro; biomedical engineering, from Chappelle, $19,346, “Cook, Emily.”

Ivanisevic, Alena; biomedical engineering, from George Washington Carver Fellowship, $21,346, “Valentin-Rodriguez, Celimar.”

Ivantysynova, Monika; agricultural & biological engineering, from Liebherr Machines, $65,209, “Modeling and Analysis of the Cylinder Block/Valve Plate and Slipper/Swash Plate Interfaces of the Liebherr NG165 Motor - Phase 2.”

Ivantysynova, Monika; agricultural & biological engineering, from Liebherr Machines, $112,280, “Modeling and Analysis of the Cylinder Block/Valve Plate and Slipper/Swash Plate Interfaces of the Liebherr NG165 Motor - Phase 1.”

Ivantysynova, Monika; agricultural & biological engineering, from Parker Hannifin Corp., $68,123, “Analysis of Noise Sources.”

Ivantysynova, Monika; agricultural & biological engineering, from Parker Hannifin Corp., $1,500, “Advanced Energy Saving Hydraulic System Architecture for Wheel Loader - Pilot Study.”

Ivantysynova, Monika; agricultural & biological engineering, from Parker Hannifin Corp., $24,634, “Investigation of Air Conditioning and Parasitic Demands for a Transit Business Hydraulic Hybrid.”

Ivantysynova, Monika; agricultural & biological engineering, from Doosan Infracore Co Ltd, $304,920, “PCA Mule - System Implementation and Machine Testing.”

Iyer, Ananth V; management, from Winifred B. Bilsland Endowment, $17,625, “Lee, Kyounghyun.”

Johnson, William G; botany & plant pathology, from Du Pont Crop Protection, $3,520, “Weed Research.”

Johnson, William G; botany & plant pathology, from Du Pont Crop Protection, $1,000, “Weed Research.”

Johnson, William G; botany & plant pathology, from Du Pont Crop Protection, $1,500, “Weed Research.”

Johnson, William G; botany & plant pathology, from Monsanto Company, $10,000, “DTS Weed Management Systems.”

Johnson, William G; botany & plant pathology, from Du Pont Crop Protection, $3,500, “Weed Research.”

Kak, Avinash C; electrical & computer engineering, from Infosys Technologies Ltd, $100,000, “An Agent-Based and Model-Driven Framework for Human-Assisted Approach to Code Modularity.”

Kandil, Amr and Cai, Hubo; civil engineering, from Qatar University, $218,148, “Impact of Environmental Policies on the Construction Industry in Qatar.”

Kaufmann, Erika C; mathematics, from National Science Foundation, $76,258, “Boundary Effects in Critical Phenomena; Amendment 1.”

Key, Nicole L and Chen, Jun; mechanical engineering, from National Aeronautics and Space Administration, $150,000, “An Experimental Investigation of the Flow Physics Associated with End Wall Losses and Large Rotor Tip Clearances as Found in the Rear Stages of a High Pressure Compressor.”

Killian, Charles E; computer science, from Hewlett-Packard SBY PO Payment Request, $71,000, “Maceken: Productively Programming Bulletproof Scalable Data Center Applications.”

Kim, Chang H and Hogenesch, Harm; comparative pathobiology, veterinary medicine - administration, from PHS-NIH National Institute of Allergy and Infectious Diseases, $334,507, “Migration and Function of Th17 Cells in the Gut.”

Kim, Young L; biomedical engineering, from PHS-NIH National Cancer Institute, $75,402, “Hotspot Imaging for Risk Stratification of Non-Melanoma Skin Cancer in a Pilot Study of Experimental Photocarcinogenesis.”

Kirkpatrick, Jane M; Aaltonen, Pamela M; Coddington, Jennifer A and Onell, Elizabeth A; nursing, from PHS-NIH National Institute for Health Resources and Services Administration, $37,875, “North Central Nursing Clinics (NCNC).”

Kirkshner, Julia; biological sciences, from Immunogen Inc, $59,903, “Evaluation of hun901-DM1 as an Anti-Myeloma Agent in a Novel Pre-Clinical 3-D Culture Model and a Humanized Bone Marrow Mouse Model.”

Kirschner, Julia; biological sciences, from PHS-NIH National Cancer Institute, $158,399, “Characterization of the Multiple Myeloma Cancer Stem Cell and its Niche.”

Knieceny, Stephen F; biological sciences, from Purdue Research Foundation: Special Incentive Research Grant (SIRG), $17,059, “Induction of ER Stress via Ablation of Xbp1 as a Means of Suppressing Transformation & Tumor Progression in Pancreatic Cancer.”

Kramer, Robert A; Energy Efficiency & Reliability Center, from Center for Coal Technology Research, $100,000, “Continuation of Research Regarding: Analysis and Development of Coking/Coal Gasification Process to Use Indiana Coal for the Production of Metallurgical Coke, Liquid Transportation Fuel, and Bulk Electricity.”

Kranz, Sibylle; foods & nutrition, from Kellogg USA Inc., $117,146, “Fiber and Digestive Function in Kids.”

Kreger, Michael E and Frosch, Robert J; civil engineering, from Indiana Department of Transportation, $100,078, “Post-Tensioning Technologies.”

Kruczenski, Luis M; physics, from National Science Foundation, $86,700, “CAREER: Understanding Gauge Theories through String Theory; Amendment 1.”

Krupke, Christian H; entomology, from Amvac Chemical Corporation, $60, “Krupke - Entomology - Research.”

Krupke, Christian H; entomology, from Amvac Chemical Corporation, $8,000, “Krupke - Entomology - Research.”

Lasher-Trapp, Sonia G; earth & atmospheric sciences, from National Science Foundation, $139,577, “Ice Nucleation in Maritime Cumuli: Considering Dynamical and Microphysical Interactions; Amendment 1.”

Lasker, Gregory C; building construction & management technology, from American Society for Healthcare Engineering, $5,000, “American Society for Healthcare Engineering (ASHE)/Purdue Student Chapter Education & Research Support Funds.”

Latin, Richard X; botany & plant pathology, from Syngenta Crop Protection Inc., $10,600, “Turfgrass Disease Research.”

Latin, Richard X; botany & plant pathology, from Syngenta Crop Protection Inc., $2,100, “Turfgrass Disease Research.”

Leary, James F; veterinary medicine - administration, from Dow Agro Sciences, $183,246, “Dow Agro Sciences Project: Establishment of a Cell Enrichment Method for Co-Transfected Maize Protoplasts and Optimization In-Vitro Toward Cell Division and Stable Colony Production.” (A Discovery Park award — Birck Nanotechnology Center)

Lee, Linda S; graduate school administration, from George Washington Carver Fellowship, $21,346, “Freeland, Patrick, A.”

Lee, Linda S; graduate school administration, from Lynn Interdisciplinary Grad. Fellowship, $17,161, “Coombs, Amy, R.”
Lee, Linda S; graduate school administration, from Chappelle, $19,346, “Young, Landon, G.”

Lee, Linda S; graduate school administration, from Chappelle, $19,346, “Caldwell, Peter, J.”

Lee, Linda S; graduate school administration, from Knox, David M. Endowment, $19,346, “Logan, Lauren, H.”

Lill, Markus A; medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute of General Medical Science, $218,252, “Novel Computational Methods for Modeling Cytochrome P450 Mediated Drug Metabolism.”

Litster, James D; chemical engineering, from Procter & Gamble Company, $25,000, “Litster Research from P & G.”

Liu, Lu; industrial engineering, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,059, “New Modeling & Algorithmic Approaches to Strategic Real Options.”

Lopez-De-Bertodano, Martin A; nuclear engineering, from Lynn Interdisciplinary Graduate Fellowship, $17,161, “Vaidheeswaran, Avinash.”

Lossie, Amy C; animal sciences, from Trichotillomania Learning Center Inc, $19,953, “Testing for Biomarkers and Mechanisms of N-acetylcysteine (NAC) Efficacy in a Mouse Model of Trichotillomania.”

Lucas, Jeffrey R; biological sciences, from Animal Behavior Society, $1,500, “Megan D. Gall Student Research Award.”

Lundstrom, Mark S; electrical & computer engineering, from Winifred B. Endowment Bilsland, $19,346, “Jeong, Changwook.”

Lundstrom, Mark S and Klimeck, Gerhard; electrical & computer engineering, from National Science Foundation, $299,982, “Network for Computational Nanotechnology (NCN) - Supplement.” (a Discovery Park award — Cyber Center)

Lundstrom, Mark S; electrical & computer engineering, from Multi-Sponsored Industries, $75,000, “Network for Computational Nanotechnology (NCN) Membership 2011.”

Lynall, Matthew D; management, from Purdue University, $2,500, “Kraner's Experiential Learning Initiative (ELI).”

Lynall, Matthew D; management, from Purdue University, $2,500, “Kraner's Experiential Learning Initiative (ELI).”

Macedmid Wadsworth, Shelley; child development & family studies, from Michigan Department of Military & Veterans Affairs, $24,247, “Intergovernmental Personnel Assignment (IPA) for Benjamin Rogers.”

Maleki Jafariabadi, Teimour and Leary, James F; basic medical science, from Showalter Trust, $66,000, “Photo-Electrochemical Oxidation of Retinal Ischemic Tissue through Targeted Metallic Nanowire Delivery to the Hypoxic Cell.” (a Discovery Park award — Birk Nanotechnology Center)

Martin, Craig D; visual & performing arts, from National Endowment for the Arts, $10,000, “NEA Arts Education in American Communities Matching Grant - Living Graphic Novel.”


Mates, Richard D; foods & nutrition, from Indiana University, $31,765, “Reward System Responses to Food Aromas: Effects of Obesity and Alcohol Intake; Amendment 1.”

Maynard, Elizabeth T; horticulture & landscape architecture, from Sakata Seed America Inc., $700, “Research for 1995 Vegetable Variety Trial Program.”

McCullough, Robert G; anthropology - Fort Wayne campus, from Indiana Department of Natural Resources, $36,273, “Indiana Statewide Comprehensive Inventory of Native American Mounds and Earthworks.”

McCullough, Robert G; anthropology - Fort Wayne campus, from Indiana Department of Natural Resources, $45,952, “Temporal Dimensions of the Castor Phase: Investigations at 12-H-1052, a Late Occupation at Strawtown Koteewi Park.”

McDaniel, Rebecca S; civil engineering, from Edward C Levy Co, $4,200, “Joint Transportation Research Program (JTRP) Supplementary Research Account.”

McKee, Renee K; youth development & agricultural education, from Cooperative State Research Service, $140,000, “EUREKA (Education Underscores Rewards in Economic/Knowledge Attainment).”

McLuckey, Scott A; chemistry, from National Science Foundation, $390,000, “Vapor Treatment of Charged Droplets for Enhanced Electrospray Ionization Performance.”

McMillin, David R; chemistry, from National Science Foundation, $120,000, “Late Transition Metal Luminophores and Probes; Amendment 2.”

Melosh, Henry J and Richardson, James E; physics, earth & atmospheric sciences, from Cornell University, $155,000, “Stardust-NEXT (New Exploration of Tempel 1 Comet).”

Mendrysa, Susan M; basic medical science, from The Childhood Brain Tumor Foundation, $50,000, “Evaing P53-Mediated Tumor Surveillance in Medulloblastoma.”

Mervade, Venkatesh M; civil engineering, from Indiana Office of Community & Rural Affairs, $200,000, “Floodplain Mapping from Soil Survey Geographic (SSURGO) Data.” (a Discovery Park award — Center for the Environment.)

Mesecar, Andrew D; biological sciences, from Loyola University Chicago, $304,893, “Mechanisms of Viral Proteases in Coronavirus Replication and Pathogenesis; Amendment 1.”

Mesecar, Andrew D; biological sciences, from University of Illinois at Chicago, $50,000, “Design and Study of New Nicotinic Analogs for Use in Depression.”

Mickelbart, Michael V; horticulture & landscape architecture, from Indiana Nursery and Landscape Association, $14,000, “Indiana Nursery & Landscape Association.”

Midkiff, Samuel P; electrical & computer engineering, from National Science Foundation, $125,000, “Software and Hardware Foundations (SHF): Large: Collaborative Research: Designing the Programmable Many-Core for Extreme Scale Computing; Amendment 1.”

Milasheski, Henadzi V and Hassanein, Ahmed; nuclear engineering, from Defense Threat Reduction Agency, $149,946, “Predictive Simulations of Thermodynamic and Optical Properties of Warm Dense Matter.”

Mintert, James R and Ballard, Roy W; agriculture - administration, field extension educators, from University of Minnesota, $51,400, “Sustainable Agriculture Research and Education (SARE) Professional Development Program (PDP) 2011.”

Monroe, James S; field extension educators, from Syngenta Seeds, Inc., $4,655, “Private Squash Trials.”


Mosier, Nathan S and Sharma, Pankaj; agricultural & biological engineering, from National Science Foundation, $10,000, “China-US Workshop on Barriers to Sustainable Photosynthetic Production of Biofuels.” (a Discovery Park award — Center for the Environment)

Nauman, Eric A; mechanical engineering, from Trask Trust Fund, $50,000, “Evaluation of a Multiscale Polymer-Based Armor for the Dissipation of Blast Waves.”

Nennich, Tamilee D; Townsend, Jonathan R; Schutz, Michael M and Ileleji, Klein; animal sciences, veterinary clinical science, agricultural & biological engineering, from Indiana Corn Marketing Council, $27,688, “Evaluation of Factors Limiting Dry Distillers' Grains with Solubles (DDGS) Inclusion in Dairy Diets.”

Neville, Jennifer L; computer science, from SAIC-Frederick, Inc, $31,021, “SAIC - Sub PO 10068715 - Grant 105185; Modification 3.”

Nolte, David D and Turek, John J; physics, basic medical science, from Trask Trust Fund, $46,669, “Tissue Dynamics Spectroscopy for Drug Discovery.”


Parashar, Neeti; chemistry & physics - Calumet campus, from National Science Foundation, $117,000, “Research in High Energy Physics on the Compact Muon Solenoid (CMS) Experiment; Amendment 2.”


Patterson, Aaron J; agronomy, from Midwest Regional Turf Foundation, $10,000, “Turfgrass Research.”

Patterson, Aaron J; agronomy, from Dow AgroSciences, $1,500, “Multi-Sponsored.”

Peer, Wendy A; horticulture & landscape architecture, from Ross Graduate Fellowship-Assistantship, $17,161, “Zhang, Jun.”


Pekarek, Steven D and Sudhoff, Scott D; electrical & computer engineering, from National Aeronautics and Space Administration, $44,999, “Optimal Electric Machinery Design for Lunar Rover Propulsion Drives; Supplement 4.”

Pipes, R Byron; materials engineering, from SABIC Innovative Plastics US LLC, $20,000, “Misiego Support 11/12.”

Pizlo, Zygmunt; psychological sciences, from National Science Foundation, $57,320, “Collaborative Research: Recovery of 3-D Shapes from Single Views; Amendment 2.”


Posada, German E; child development & family studies, from National Science Foundation, $33,936, “CAREER: Child-Mother Secure Base Relationship Processes and Social Competence in Early Childhood: A Cross-Cultural Perspective; Amendment 4.”

Post, Carol B; medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute of General Medical Science, $28,020, “Nuclear Magnetic Resonance (NMR) Structure of Peptide and Protein Complexes.”

Pourpoint, Timothee L; aeronautical & astronautical engineering, from IN Space, LLC, $225,279, “Testing of Firefighting Foams for Propellant Containment and Neutralization.”


Purcell, Lindsey A; forestry & natural resources, from Duke Energy Foundation, $3,000, “Voluntary Support - Purcell.”


Raftery, M D; chemistry, from Purdue Research Foundation: Special Incentive Research Grant (SIRG), $17,059, “Metabolic Profiling for Colorectal Cancer & Adenomatous Polyps Using 1H Nuclear Magnetic Resonance (NMR), GCGG/MS, & LC/MS.”

Raghunathan, Vijay; electrical & computer engineering, from National Science Foundation, $79,742, “CAREER: Hardware-Software Approach to Enabling In-Situ Visibility and Control in Wireless-Embedded Systems; Amendment 1.”

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, $2,852,680, “Network for Earthquake Engineering Simulation (NEES) Operations: FY2010-FY2014; Amendment 10.” (a Discovery Park award — Cyber Center)

Raskin, Rose E; comparative pathobiology, from Antech Diagnostics, $1,600, “Immunochemical Expression of CD3 in Veterinary Hemolympathic Cytologic Specimens.”

Ratliff, Timothy L and Amass, Sandra F; comparative pathobiology, veterinary medicine - administration, from PHS-NIH National Center for Research Resource, $260,677, “Fat Dogs and Coughing Horses: Animal Contributions Towards a Healthier Citizenry.” (a Discovery Park award — Discovery Learning Center)

Ratliff, Timothy L; cancer research Center, from PHS-NIH National Cancer Institute, $1,195,345, “Cancer Center Support Grant (Core) Renewal - Consolidated.”

Ratliff, Timothy L and Snyder, Paul W; comparative pathobiology, from PHS-NIH National Cancer Institute, $166,484, “Inflammation and Prostate Cancer Development and Progression.”

Reed-Rhoads, Teri; Imbrie, Peter K and Strobel, Johannes; engineering administration engineering experiment, engineering education, from National Science Foundation, $309,936, “Collaborative Research: cifub, a Virtual Community to Support Research, Development, and Dissemination of Concept Inventories (ci); Amendment 1.”

Reklatis, Gintaras V; Litster, James D and Wassgren, Carl R; chemical engineering, mechanical engineering, from Rutgers State University, $194,384, “Commercializing of Continuous Pharmaceutical Manufacturing Technology; Modification 2.”

Ribeiro, Fabio H; chemical engineering, from University of Notre Dame, $150,000, “Passive NOx Removal Catalyst Research; Amendment 1.”

Ribeiro, Fabio H and Delgass, W N; engineering administration engineering experiment, chemical engineering, from Argonne National Laboratory, $430,000, “Institute for Atom- Efficient Chemical Transformations (IAC'T).” (a Discovery Park award — Energy Center)

Ribeiro, Fabio H; chemical engineering, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $16,795, “Passive NOx Removal Catalyst Research.”

Richmond, Douglas S; entomology, from Winifred B. Billsend Endowment, $8,704, “Caceres, Vistoria.”


Roberts, Felicia D; communication, from Indiana University Purdue University at Indianapolis, $18,053, “Evaluation of Ethical Communication Skills Training & Materials for Surgery Residents.”

Rocheford, Torbert R; agronomy, from Multi-Sponsored Industries, $1,000, “Multi-Sponsored.”

Rocheford, Torbert R; agronomy, from HarvestPlus, $75,000, “Genetic Research to Enhance Breeding for Higher Levels of Pro-Vitamin A in Maize Grain.”

Rockman, Bert; political science, from Purdue Doctoral Program, $17,096, “Roberson, Devin, A (2).”

Rogers, Marcus K; computer & information technology, from Indiana Inspector Generals Office, $10,000, “Technical Assistance to Indiana Inspector General.”

Ross, Charles S; comparative literature, from Lynn Interdisciplinary Graduate Fellowship, $411, “Gooch, Steven, C.”

Rossmann, Michael G; biological sciences, from National Science Foundation, $260,000, “X-Ray Determinations of Proteins and Viruses; Amendment 1.”
Roy, Kaushik; electrical & computer engineering, from Intel Foundation, $45,000, “Emerging Technologies, Circuits & Architectures.”

Rundell, Ann E; biomedical engineering, from Lynn Interdisciplinary Grad. Fellowship, $17,161, “Mdui, Themb.”

Sadeghi, Farshid; mechanical engineering, from Caterpillar Foundation, $122,028, “Turbocharger Instrumentation and Rotor Dynamics Modeling.”


Sadof, Clifford S; entomology, from Rutgers State University, $3,000, “Efficacy of Insects to Manage Scale Insects.”

Samarapungavan, Ala; educational studies, from Ross Graduate Fellowship-Assistantship, $18,094, “Pearce, Jennifer.”

Samarapungavan, Ala; educational studies, from George Washington Carver Fellowship, $21,346, “Harris, Crystal, R.”

Samarapungavan, Ala; educational studies, from Bilsland, Winifred B. Endowment, $19,346, “Joshi, Gauri.”

Samarapungavan, Ala; educational studies, from Ross Graduate Fellowship-Assistantship, $18,094, “Alexander, Vivian.”

San Martin-Gonzalez, Maria F; food science, from CONACYT, $18,900, “Mexico National Council of Science and Technology (CONACYT) - Year 2 Fellowship for Veronica Rodriguez-Martinez.”

Schneider, Steven P; aeronautical & astronomical engineering, from Ross Graduate Fellowship-Assistantship, $18,146, “Abney, Andrew, D.”

Shade, Steven A; Center for Advanced Manufacturing, from The Boeing Company, $50,000, “Product Lifecycle Management Center of Excellence (PLM).” (a Discovery Park award — Center for Advanced Manufacturing.)

Sheehan, Amy H; pharmacy practice, from Lilly (ELI) and Company, $83,804, “Joint Academic/FDA/Industry Regulatory Pharmaceutical Fellowship Program-Lilly.”

Shepson, Paul B; chemistry, from National Science Foundation, $225,366, “Collaborative Research: the O-Buoy Network of Chemical Sensors in the Arctic Ocean; Amendment 1.”

Shepson, Paul B; chemistry, from National Science Foundation, $526,971, “Studies of the Production of Molecular Halogens in Arctic Snowpacks and on Sea Ice Surfaces.”

Shih, Tom I; aeronautical & astronautical engineering, from Ames Laboratory, $100,000, “Computational Analysis of Advanced Cooling Strategies for High-Efficiency and Long-Service Life Turbines; Modification 4.”

Siegmund, Thomas H; mechanical engineering, from University of Texas Southwestern Medical Center, the, $77,024, “Biomechanical Characterization of Vocal Fold Tissue; Amendment 2.”

Smith, Mjt; graduate school administration, from Vietnam Education Foundation, $4,000, “Vietnam Education Foundation (VEF) Fellowship PGD Increase to Tran, Hong, Ngo and Nguyen Dinh.”

Smith, Mjt; graduate school administration, from Interdisciplinary Assistantships, $23,864, “Arora, Nigam.”

Smith, Mjt; graduate school administration, from Purdue University Special Initiative Program, $10,383, “Logsdon, Rebecca.”

Smith, Mjt; graduate school administration, from Interdisciplinary Assistantships, $23,864, “Beenen, Timothy.”

Smith, Mjt; graduate school administration, from Interdisciplinary Assistantships, $23,864, “Lang, Emma.”

Smith, Mjt; graduate school administration, from Interdisciplinary Assistantships, $23,864, “Lai, Jesyin.”

Smith, Mjt; graduate school administration, from Interdisciplinary Assistantships, $23,864, “Carbajal De Nava, Maria.”

Smith, Mjt; graduate school administration, from Interdisciplinary Assistantships, $23,864, “Fultz, Kourtney.”

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Smith, Mjt; graduate administration, from Interdisciplinary Assistantships, $23,864, “Funk, Amy.”

Smith, Mjt; graduate administration, from Interdisciplinary Assistantships, $23,864, “Indiunas, Mindaugas.”

Smith, Mjt; graduate administration, from Interdisciplinary Assistantships, $23,864, “Jakubison, Brad.”

Smith, Mjt; graduate administration, from Vietnam Education Foundation, $4,000, “Vietnam Education Foundation Fellowship (VEF) 2009 - 2012.”

Smith, Richard S; food science, from Alcoa Inc, $1,530, “Food Science Research.”

Smith, Richard S; food science, from Hinsdale Farms Ltd, $1,000, “Sensory Evaluation Research.”

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

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

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

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

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

Son, Steven F; mechanical engineering, from Army Engineer Research & Development Center, $100,000, “Development of Innovative Nanoscale Composites for Multifunctional Energetic Materials Applications; Modification 4.”

Spaффord, Eugene H; computer science, from John Wiley & Sons Limited England, $60,000, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.”

Spaффord, Eugene H and Goldman, James E; Center for Education and Research in Information Assurance and Security (CERIAS), from John Wiley & Sons Limited England, $50,000, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.”

Stach, Eric A; materials engineering, from National Science Foundation, $232,500, “Grant Opportunities for Academic Liaison with Industry (GOALI): Quantifying Growth Mechanisms in Semiconductor Nanowires Using Real Time Transmission Electron Microscopy 0; Amendment 2.” (a Discovery Park award — Birck Nanotechnology Center)

Stantz, Keith M; health sciences, from OptoSonic, Inc., $166,000, “Year 3 Small Business Innovation Research (SBIR) Photoacoustic Computed Tomography (CT) for Preclinical Molecular Imaging; Amendment 2 Grant 104580.”


Sudhoff, Scott D and Pekarek, Steven D; electrical & computer engineering, from Florida State University, $198,273, “Electric Ship Research and Development Consortium; Amendment 6.”

Taiлavage, Thomas M; biomedical engineering, from George Washington Carver Fellowship, $21,346, “Poole, Victoria.”

Tao, Weiguo A; biochemistry, from PHS-NIH National Center for Research Resource, $16,872, “Proteomic Studies of Dendrimer-Based Nanomedicines.”
Thottethodi, Mithuna S; electrical & computer engineering, from National Science Foundation, $50,000, “CAREER: Cross-Layer Schemes for Flexible Resource Sharing in Multi-Core Systems; Amendment 4.”

Tomar, Vikas; aeronautical & astronautical engineering, from University of Notre Dame, $30,000, “Multiscale Design Tool Development for High Performance Nanocomposites.”

Tomar, Vikas; aeronautical & astronautical engineering, from National Science Foundation, $273,394, “A Combined Quantum Mechanical and Experimental Study of Interfacial Biomaterial Mechanics.”

Toms, Andrew S; mathematics, from National Science Foundation, $28,080, “Ninth East Coast Operator Algebras Symposium.”

Troped, Philip J; health and kinesiology, from American Heart Association, $52,000, “K. Tamura - 2011 AM Heart Fellowship - Spatial Analysis of Physical Activity, Obesity, and the Built Environment.”

Tzempelikos, Athanasios; civil engineering, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,059, “Energy Efficient Building Systems Regional Innovation Cluster Initiative.”

Urcuioli, Peter J; psychological sciences, from PHS-NIH National Institute of Child Health and Human Development, $9,177, “Basic Processes in the Development of Stimulus Classes and Emergent Behavior.”

Useem, Bert; sociology, from George Washington Carver Fellowship, $21,346, “Connor, Tyrell, A.”

Useem, Bert; sociology, from Purdue Doctoral Program, $173, “Vargas, Nicholas.”


Vanfossen, Phillip J; curriculum & instruction, from Purdue Doctoral Program, $18,094, “Gilmetdinova, Alsu.”

Vanfossen, Phillip J; curriculum & instruction, from Purdue Doctoral Program, $18,094, “Koehler, Adrie, A.”

Vanfossen, Phillip J; curriculum & instruction, from Ross Graduate Fellowship-Assistantship, $18,094, “El-Atwani, Kadriye.”

Varma, Arvind; chemical engineering, from Eastman Chemical Company, $6,600, “Vinod Venkatakrishnan - 2011 Eastman Summer Graduate Fellowship.”

Vyn, Tony J; agronomy, from Fluid Fertilizer Foundation, $18,000, “Agricultural Cropping Systems.”

Wang, Xiuling; mechanical engineering - Calumet campus, from Los Alamos National Laboratory, $15,000, “A Collaborative Effort in Developing KIVA-hpFE Package Phase II; Modification 4.”

Weaver, Connie M and McCabe, George P; foods & nutrition, statistics, from PHS-NIH National Institute of Child Health and Human Development, $510,492, “Calcium Metabolism in Mexican American Adolescents.”

Weber-Fox, Christine M; speech, language and hearing sciences, from Ross Graduate Fellowship-Assistantship, $17,096, “Vuolo, Janet.”

Weber-Fox, Christine M; speech, language and hearing sciences, from Chappelle, $19,346, “Troyer, Malinda, G.”

Weber-Fox, Christine M; speech, language and hearing sciences, from Lynn Interdisciplinary Graduate Fellowship, $17,096, “Mohan, Ranjini.”

Weber-Fox, Christine M; speech, language and hearing sciences, from David M. Knox Endowment, $19,346, “Dinh, Thao, T.”

Weller, Stephen C and Foster, Ricky E; horticulture & landscape architecture, entomology, from Virginia Technology, $17,249, “Integrated Pest Management: Science for Agricultural Growth in Latin America and the Caribbean.”

Whitford, Fred; botany & plant pathology, from Professional Landcare Network Inc, $2,405, “Purdue Pesticide Programs.”

Whitford, Fred; botany & plant pathology, from Ross Graduate Fellowship-Assistantship, $1,918, “Purdue Pesticide Programs.”

Whiting, Nancy M; civil engineering, from Indiana Department of Transportation, $18,484, “Quantification of Benefits of Subsurface Drainage.”

Wilbur, Ronnie B; speech, language and hearing sciences, from David M. Knox Endowment, $19,346, “Kentner, Ashley.”

Wise, Kiersten A; botany & plant pathology, from University of Wisconsin-Madison, $8,000, “Improved Management of Sclerotinia Stem Rot in the North Central Region.”

Woodall, Jerry M; electrical & computer engineering, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,059, “Splitting Salt Water with Aluminum Rich Alloys.”


Xu, Xianfan, Fisher, Timothy; Qi, Minghao and Ye, Peide; engineering administration engineering experiment, mechanical engineering, electrical & computer engineering, from National Science Foundation, $1,300,000, “Special Nuclear Material (SNM): A Scalable Nanomanufacturing Machine for Parallel Nanolithography and Parallel Fabrication of Nanoscale Devices.” (a Discovery Park award — Birck Nanotechnology Center)

Yeo, Yoon; industrial & physical pharmacy, from National Science Foundation, $83,812, “CAREER: Osmyloyte-Guided Nanoparticle Transport for Effective Drug/Gene Delivery Across the Mucosal Barriers.”

Yeung, Sai K; mathematics, from National Science Foundation, $167,270, “Special Complex Surfaces, Moduli Spaces, and Some Analytic Approach.”

Zavattieri, Pablo D; Moon, Robert J; Weiss, William J and Youngblood, Jeffrey P; civil engineering, materials engineering, from National Science Foundation, $350,000, “High Performance Cement Composites with Nanocrystalline and Nanofibrillated Cellulose.”


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