Abraham, John; mechanical engineering, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,287, “Computational Investigations of the Trade-Off Between Pollutant Formation & Lift-Off Height in Diesel Jets.”

Adams, George B; electrical & computer engineering, from Imaginestics, LLC, $19,999, “Purdue Manufacturinghub.Org.” (a Discovery Park award — Network for Computational Nanotechnology)

Adeola, Olayiwola; animal sciences, from Danisco Animal Nutrition, $50,000, “Danisco.”

Agnew, Christopher R; psychological science, from Purdue University Special Initiative Program, $1,500, “Sherer, Kelly.”

Agnew, Christopher R; psychological science, from Purdue University F N Andrews Fellowship, $2,172, “Breit, Kristen.”

Agnew, Christopher R; psychological science, from Ross Graduate Fellowship-Assistantship, $922, “Griffin, Sarah.”

Agrawal, Rakesh; chemical engineering, from Purdue University F N Andrews Fellowship, $221, “Walker, Bryce C.”

Agrawal, Rakesh; Alam, Muhammad A and Lundstrom, Mark S; chemical engineering, electrical & computer engineering, from U.S. Department of Energy, $25,999, “Development of Low-Cost Technology for the Next Generation of High Efficiency Solar Cells; Modification 3 for Grant 105663.” (a Discovery Park award — Energy Center)

Anderson, Joseph M; agronomy, from Dow Chemical Company Foundation, $2,500, “Distinguished Lectureship.”

Anderson, William E; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $66,000, “Computational and Experimental Investigation of Liquid Propellant Rocket Combustion Instability.”

Applegate, Todd J; animal sciences, from JBS United Inc, $18,000, “Pyhtase in Poultry.”


Balakrishnan, Venkataramanan; electrical & computer engineering, from Winifred B. Bilsland Endowment, $19,394, “Gu, Jianguang.”

Barrick, Debra K and Rumsey, Suzanne K; cooperative education — Fort Wayne campus, English & linguistics — Fort Wayne campus, from Indiana Campus Compact, $2,250, “Indiana University-Purdue University Fort Wayne (IPFW) Faculty Fellows.”

Barron, John M; economics, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,287, “The Impact of Peers on Effort Choice & Student Performance.”

Bauman, Patricia E and Phillips, Daniel; mathematics, from National Science Foundation, $229,502, “Analysis of Partially Ordered Materials; Amendment 1.”

Bayley, William G; chemistry, from Annette M Maier, $20, “Instrumentation Van Project.”

Beaudoin, Stephen P; chemical engineering, from International Business Machines Corp, $30,000, “IBM Fellowship for Kathryn Smith.”

Beaudoin, Stephen P; chemical engineering, from Purdue Doctoral Program, $19,468, “Rostro, Lizbeth.”

Beaudoin, Stephen P; chemical engineering, from Purdue University F N Andrews Fellowship, $18,263, “Miskin, Caleb K.”

Blatchley, Ernest R; civil engineering, from Winifred B. Bilsland Endowment, $19,394, “Weng, Shih-Chi.”

Borch, Richard F; medicinal chemistry & molecular pharmacology, from Purdue University F N Andrews Fellowship, $22,644, “Tapaszi, Stephen.”

Borch, Richard F; medicinal chemistry & molecular pharmacology, from Purdue Doctoral Program, $21,894, “Bauer, Todd.”

Borch, Richard F; medicinal chemistry & molecular pharmacology, from Winifred B. Bilsland Endowment, $9,939, “Kuntz, Charles P.”

Borch, Richard F; medicinal chemistry & molecular pharmacology, from Winifred B. Bilsland Endowment, $9,939, “Hsu, Chih-Chao.”

Borch, Richard F; medicinal chemistry & molecular pharmacology, from Ross Graduate Fellowship-Assistantship, $22,644, “Yang, Ying.”

Borch, Richard F; medicinal chemistry & molecular pharmacology, from Ross Graduate Fellowship-Assistantship, $22,644, “Ren, Qianwei.”

Boudouris, Bryan W; chemical engineering, from Space and Naval Warfare Systems Center, $150,000, “Radical Polymers for Nanostructured, Next Generation Thermoelectric Devices.”

Bouman, Charles A; electrical & computer engineering, from Northeastern University, $150,000, “Model-Based Iterative Reconstruction for Scanned Baggage Security.”
Bowling, Laura C; agronomy, from Agricultural Research Service, $59,556, “Quantify Hydrologic Attributes Affecting Chemical Loading to Runoff Water.”

Bowman, Mark D; civil engineering, from Indiana Department of Transportation, $79,043, “Review of Load Rating and Posting Procedures and Requirements.”

Braile, Lawrence W; earth & atmospheric sciences, from National Science Foundation, $89,000, “Research Experience for Undergraduates (REU) Site: Addition of a Geothermal Research and Education Focus to Enhance the SAGE (Summer of Applied Geophysical Experience) REU Program.”


Brightman, Andrew O; Kisselburgh, Loraine G; Krane, Matthew J and Zoltowski, Carla B; biomedical engineering, communication, materials engineering, engineering projects in community service (epics)), from National Science Foundation, $300,000, “Engaging Engineers in Ethical Reasoning with Online Interactive Learning Modules.”

Brown, Paul B and Rode, Robert A; forestry & natural resources, from Michigan State University, $3,050, “Evaluate Phase II Production of Bluegill Sunfish Comparing a Least-Cost Diet Utilized in the Phase I Verification Study Compared to an “Industry Standard” for One Production Cycle.”

Brzezinski, Michael A; Trumble, Kevin P; Han, Qingyou; Johnson, David R and Krane, Matthew J; international programs, materials engineering, mechanical engineering technology, from Shandong Nanshan Aluminum Co Ltd, $700,000, “Purdue School of Materials Engineering — Nanshan Aluminum Research Plan.”

Buckius, Richard O; vice president for research, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,287, “1213 XR: Indiana University Purdue University at Indianapolis (IUPUI)-ET, Likun Zhu, Identification of Lithium Ion Battery Electrode Structural Inhomogeneity & its Effect on Battery Performance.”

Buescher, Elizabeth M and Dilkes, Brian; horticulture & landscape architecture, from National Institute of Food & Agriculture, $130,000, “Maize Endosperm Development is Affected by Small RNA in Interploidy Crosses.”

Bugel, Talia A; international language & culture — Fort Wayne campus, from Indiana Campus Compact, $2,250, “The Fort Wayne Hispanic Community as the Language Laboratory for the Class of Spanish 204.”

Butzke, Christian E and Stewart, Amanda C; food science, from State of Florida, $18,000, “Yeast Assimilable Nitrogen Survey and Amino Acid Profiles in Hybrid and Muscadine Wine Grapes.”

Buzzannell, Patrice M; liberal arts — administration, from Regenstrief Institute Inc, $4,000, “Innovative Interdisciplinary Collaborative Research.”

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

Cai, Hubo; civil engineering, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,287, “Formalizing Four Dimensional Topology for Construction Planning.”

Caldwell, Barrett S; industrial engineering, from Multi-Sponsored Industries, $1,000, “Indiana Space Grant Consortium (INSGC) Affiliate Dues.”

Caldwell, Barrett S; industrial engineering, from Multi-Sponsored Industries, $250, “Indiana Space Grant Consortium (INSGC) Affiliate Dues.”

Chandrasekar, Srinivasan; industrial engineering, from Winifred B. Bilsland Endowment, $19,394, “Yeung, Ho.”

Chandrasekar, Srinivasan; industrial engineering, from National Science Foundation, $360,144, “Grant Opportunities for Academic Liaison with Industry (GOALI): Engineering of Functionality Graded Magnesium Composite Surfaces.”

Chapple, Clint C; Doudareva, Natalia and Morgan, John A; biochemistry, horticulture & landscape architecture, chemical engineering, from U.S. Department of Energy, $1,086,110, “Modeling and Manipulating Phenylpropanoid Pathway Flux for Bioenergy.”

Chen, Weiming W; aeronautical & astronautical engineering, from University of Delaware, $40,000, “High–Rate Multi–Scale Characterization of Polymers and Composites.”

Chen, Yong P; physics, from Intel Corporation, $55,486, “Luis Jauregui - Intel PhD Fellowship Program.”

Cheng, Gary J; industrial engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Hu, Yaowu.”

Cheng, Gary J; industrial engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Deng, Biwei.”

Cheng, Ji-Xin and Robinson, Joseph P; biomedical engineering, basic medical science, from PHS-NIH National Institute of General Medical Science, $192,500, “Label-Free Multichannel Spectral Cytometry Based on Stimulated Raman Scattering.”

Chiu, George T; mechanical engineering, from National Science Foundation, $203,458, “NSF Institutional Proposal (IP) Assignment.”

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


Carlstedt, Bruce C; pharmacy practice, from Regenstrief Institute for Health Care, $15,841, “Regenstrief Institute Support of Bruce Carlstedt.”

Casteel, Shaun N; agronomy, from Monsanto Agriculture Company, $3,780, “Seed Treatment Disease and Insect Management in Soybean.”
Christmon, Kenneth C; diversity and multicultural affairs — Fort Wayne campus, from U.S. Department of Education, $250,000, “Indiana University-Purdue University Fort Wayne (IPFW) — Upward Bound 1.”

Christmon, Kenneth C; diversity and multicultural affairs — Fort Wayne campus, from U.S. Department of Education, $250,000, “Indiana University-Purdue University Fort Wayne (IPFW) — Upward Bound 2.”

Clark, Jason V; electrical & computer engineering, from Carnegie-Mellon University, $112,145, “CDI-Type II: Building a Virtual Micro/Nanosystems Design Community: Amendment 3” (a Discovery Park award — Birck Nanotechnology Center)

Cleveland, William S; Liu, Chuanhai and Xi, Bovei; statistics, from National Science Foundation, $314,995, “Statistical Theory and Methods for D&R Analysis of Large Complex Data.”

Clupper, Stacy A; field extension educators, from Indiana’s Family of Farmers Agricultural Research, $1,500, “Blackford AG Outreach.”

Collicott, Steven H and Kelley, Todd R; aeronautical & astronautical engineering, industrial technology, from National Aeronautics and Space Administration, $224,025, “Science, Technology, Engineering & Mathematics (STEM) Educational Impacts Delivered through an Original Undergraduate Science Experiment in ISS.”

Comer, Douglas E; computer science, from National Science Foundation, $215,826, “FIA: Collaborative Research: NEBULA: a Future Internet that Supports Trustworthy Cloud Computing; Amendment 2 for Grant 104898.”

Constable, Peter D; veterinary clinical science, from VCA Antech Inc, $37,858, “Radiology Residency Support.”

Constable, Peter D; veterinary clinical science, from North Central Veterinary Emergency Center LLC, $5,400, “ECC Residency Training Program.”

Constable, Peter D; veterinary clinical science, from VCA Antech Inc, $18,598, “Radiology Residency Support.”


Coppoc, Gordon L; medical education, from Indiana University Purdue University Fort Wayne (IPFW) — Discovery Informatics. “(a Discovery Park award — Discovery Learning Center)

Cox, Monica F; engineering education, from Purdue University Special Initiative Program, $1,500, “London, Jeremi S.”

Cox, Monica F and Maeda, Yukiko; engineering education, educational studies, from National Science Foundation, $200,000, “Implementation of a Multidimensional Assessment Tool to Explore the Impacts of Pedagogy on Undergraduate Student Learning.”

Crawford, Melba M; civil engineering, from National Aeronautics and Space Administration, $110,000, “An Advanced Learning Framework for High Dimensional Multi-Sensor Remote Sensing Data.”

Crawford, Melba M; engineering administration engineering experiment, from Sandia National Laboratories, $40,000, “Marat Kulakhmetov 2012 Sandia National Laboratories Fellowship - Grant 106090.”

Crawford, Melba M; engineering administration engineering experiment, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Pignotti, Garrett W.”

Crawford, Melba M; engineering administration engineering experiment, from Sandia National Laboratories, $40,000, “Sandia Fellowships for Raymond Bond and Marat Kulakhmetov.”

Daugherty, Jenny L; industrial technology, from Black Hills State University, $105,713, “An Examination of Science and Technology Teachers Conceptual Learning through Concept-Learning Based Engineering Professional Development; Amendment 1.”

Davis, Susan B; Office of Engagement, from Indiana Economic Development Corporation, $35,000, “CY 2013 Hoosier Heartland SBA Proposal.”

Dehr, Karl A and Kim, Il-Hee; English & linguistics — Fort Wayne campus, educational studies — Fort Wayne campus, from National Writing Project, $20,000, “2012-2013 Title II SEED Professional Development in a High-Need School Grant Program.”

Delgass, W N; Abu-Omar, Mahdi M; Caruthers, James M; Ribeiro, Fabio H and Thomson, Kendall T; engineering administration engineering experiment, chemistry, chemical engineering, from U.S. Department of Energy, $700,000, “Catalyst Design by Discovery Informatics.” (a Discovery Park award — Energy Center)

Dicelementi, Jeannie D; psychology — Fort Wayne campus, from U.S. Department of Health and Human Services, $91,444, “Indiana University-Purdue University Fort Wayne (IPFW) Project Compass: Community Partners Against Student Suicide.”

Doerge, Rebecca W; statistics, from Purdue University F N Andrews Fellowship, $17,287, “Lee, Hyoeun.”

Doerge, Rebecca W; statistics, from Ross Graduate Fellowship-Assistantship, $17,287, “Qui, Yixuan.”

Doucette, Suzanne C; chemistry, from U.S. Department of Energy, $300,000, “Synthetic, Spectroscopic, and Computational Studies of Redox-Active Uranium Complexes for Fundamental Organometallic Reactions.”


Dyke, Shirley J; civil engineering, from National Science Foundation, $30,000, “Collaborative Research: SI2-SSI: Empowering the Scientific Community with Streaming Data Middleware: Software Integration into Complex Science Environments.”

Eckhardt, Christopher I; psychological science, from Georgia State University, $284,999, “Mechanisms of Alcohol-Facilitated Intimate Partner Violence.”

Ellick, James G; child development & family studies, from Kaboom!, $25,000, “Childrens Social Competence and Engineering Play Behaviors in the Imagination Playground.”
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Elmqvist, Lars Niklas E and Ramani, Karthik; electrical & computer engineering, mechanical engineering, from National Science Foundation, $200,000, “EAGER: SkWiki - a Sketch-Based Wiki.”


Field, William E; agricultural & biological engineering, from National Institute of Food & Agriculture, $162,000, “Indiana AgrAbility Project.”

Fisher, Timothy and Xu, Xianfan; mechanical engineering, from Office of Naval Research, $50,000, “Cross-Interface Coupling of Electrons and Phonons.” (a Discovery Park award — Birck Nanotechnology Center)

Fleet, James C and Replogle, Rebecca A; foods & nutrition, from National Institute of Food & Agriculture, $37,500, “R. Replogle 2012 National Institute of Food and Agriculture (NIFA) Predoctoral Fellowship - Genetic Approaches to Identify Gene X Diet Interactions Affecting Serum 1,25 Dihydroxyvitamin D Levels in Response to Dietary Calcium Restriction.”

Foster, Ricky E and Johnson, William G; entomology, botany & plant pathology, from National Institute of Food & Agriculture, $240,249, “Coordination and Support for Indianaans Extension Integrated Pest Management Program.”

Frankel, Steven H; mechanical engineering, from Indiana University Purdue University at Indianapolis, $163,186, “Cavopulmonary Practice: Evaluation of the Effects of Erythropoietin on Cardiac Remodeling in a Model Vertebrate.”

French, Doran C; child development & family studies, from Purdue Doctoral Program, $65, “Robinson, Chanele D.”

French, Doran C; child development & family studies, from Purdue University F N Andrews Fellowship, $2,181, “Hur, Jinhee.”

Gabriolov, Andrei and Basu, Saugata; mathematics, from National Science Foundation, $100,000, “Semi-Monotone Sets and Triangulation of Definable Families.”

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.”

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


Ghislis, Richard F; hospitality & tourism, from Nanjing Institute of Tourism and Hospitality, $11,500, “Collaborative Activity Between Nanjing Institute of Tourism and Hospitality and School of Hospitality and Tourism Management of Purdue University.”

Gibson, Kevin D; botany & plant pathology, from Laspaup, $17,704, “2012-13 Becas Francisco Jose de Caldas Fellowship, Year 3.”

Gibson, Kevin D; Alexander, Corinne E; Beckerman, Janna L; Hallett, Steven G; Hoagland, Lori A; Kaplan, Ian; Kladivko, Eileen J; Marshall, Maria I and Sadof, Clifford S; botany & plant pathology, agricultural economics, horticulture & landscape architecture, entomology, agronomy, from Mary S. Rice Farm Estate, $118, “Increasing Capacity for Research on Organic Agriculture.”

Ginzle, Matthew D; entomology, from National Institute of Food & Agriculture, $98,409, “Enhanced Detection Methods for the Walnut Twig Beetle and Thousand Cankers Disease.”

Goldbrough, Peter B; Creswell, Tom C; Ruhl, Gail E; Gibb, Timothy J and Sadof, Clifford S; botany & plant pathology, entomology, from Michigan State University, $40,000, “National Plant Pest Diagnostic Network.”

Govindaraju, Rao S; civil engineering, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,287, “Resilience, Reliability & Vulnerability Studies for Midwestern Watersheds.”

Granger, Darryl E; earth & atmospheric sciences, from National Science Foundation, $127,990, “Collaborative Research: Beryllium-10 in Detrital Magnetite as a New Tool in Erosion and Weathering Studies; Amendment 1 for Grant 108579.”


Groll, Eckhard A; mechanical engineering, from American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Inc., $10,000, “12-13 American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Grant-In-Aid – Caskey, Stephen.”

Haase, Jennifer S and Garrison, James L; earth & atmospheric sciences, aeronautical & astronautical engineering, from National Science Foundation, $33,025, “Collaborative Research: Investigating the Characteristics of Lower Tropospheric Airborne GPS Radio Occultation Observations; Amendment 3 for Grant 104650.”

Haikal, Ghadir; civil engineering, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,287, “An Interface-Driven Multi-Scale Framework for Assessing the Resilience of Civil Engineering Assemblies Against Natural Hazards.”

Hambrusch, Susanne E; computer science, from National Science Foundation, $239,721, “Intergovernmental Personnel Assignment (IPA) – Hambrusch, Susanne.”

Hamilton, Roy L; Education Opportunities Program — Calumet campus, from Legacy Foundation, Inc, $10,766, “Purdue University Calumet Educational Talent Search.”

Handwerker, Carol A; materials engineering, from Foresite Inc, $50,000, “Foresite Tin Whiskers Research.”

Harris, Dale A; Matson, Eric T and Mohler, James L; engineering education, computer & information technology, technology — administration, from Pohang University of Science & Technology, $684,000, “Pohang University Of Science & Technology (POSTECH) Fellowship-Graduate Degree Collaboration.”
Hartman, Nathan W; computer graphics technology, from General Motors Foundation, $15,000, “Product Lifecycle Management (PLM) Center of Excellence.”


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

Heinz, Michael G; speech, language & hearing science, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $394,478, “Effects of Sensorineural Hearing Loss on Robust Speech Coding.”

Heister, Stephen D; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $66,000, “Valveless Detonation Concepts for Space Exploration-NASA Space Technology Research Fellowships (NSTRF) Fellowship for Brandon Kan.”


Hertel, Thomas W; agricultural economics, from Multi-Sponsored Industrials, $58,975, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from Multi-Sponsored Industrials, $19,650, “Global Trade Analysis Project (GTAP) Consortium.”

Hibiki, Takashi; nuclear engineering, from Winifred B. Bilisland Endowment, $19,394, “Miwa, Shuichiro.”

Hirsch, Andrew S; physics, from Argonne National Laboratory, $35,931, “Deep Virtual Compton Scattering (DVCS) on He-4 Nucleus.”

Holland, Donna D; sociology — Fort Wayne campus, from National Science Foundation, $21,845, “Resilience and Recovery from Environmental Disaster in Remote Alaska.”

Holland, Jeffrey C; field extension educators, from Winifred B. Bilisland Endowment, $10,261, “Abdel Moniem, Hossam.”

Howe, Katherine M; botany & plant pathology, from Multi-Sponsored Industrials, $50, “Katherine Howe Gift Fund.”

Howe, Katherine M; botany & plant pathology, from U.S. Forest Service, $10,000, “Midwest Invasive Plant Network Cooperative Cost Share with the U.S. Forest Service.”

Howell, Kathleen; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $66,000, “A Hybrid Systems Strategy to Support Autonomous Spacecraft Trajectory Design and Optimization in Multiple Dynamical Regimes Fellowship for Jeffrey Stuart.”

Howell, Kathleen; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $66,000, “Mission Design and Orbit Maintenance Strategies in the Earth-Moon System-NASA Space Technology Research Fellowships (NSTRF) Fellowship for Tom Pavlak.”

Hu, Changdeng; Elsey, Bennett D; Poulson, Jean M and Zhang, Dabao; Cancer Research Center, comparative pathobiology, veterinary clinical science, statistics, from Army Medical Research Acquisition Activity, $559,270, “Targeting PRMT5 as a Novel Radiosensitization Approach for Primary and Recurrent Prostate Cancer Treatment.”

Huber, Jessica E and Jones, James T; speech, language & hearing science, from Alfred Mann Institute for Biomedical Development at Purdue (AMIPurdue), $8,932, “Hypophonia Therapy Device Superficial Femoral Artery (SFA)”

Hummels, David L; economics, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,287, “Income Elasticity of Demand & Volatility.”

Ileleji, Klein; agricultural & biological engineering, from Foreign Agricultural Service, $24,999, “Cochran Fellowship Program for Thailand on U.S. Distillers Dried Grain and Solubles.”

Irudayaraj, Joseph M; Lossie, Amy C and Thimmappuram, Jyothi; agricultural & biological engineering, animal sciences, computer science, from National Aeronautics and Space Administration, $100,000, “Defining Epigenetic Programming During Flight Expeditions in Differentiating Embryonic Stem Cells.” (a Discovery Park award — Bindley Bioscience Center)

Irudayaraj, Joseph M; agricultural & biological engineering, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,287, “Indo-US Grant.”

Ishii, Mamoru; nuclear engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Chatzidakis, Stylianos.”

Ishii, Mamoru; nuclear engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Zhao, Yang.”

Ishii, Mamoru; Hibiki, Takashi and Yang, Won Sik; nuclear engineering, from Battelle Engery Alliance LLC, $871,100, “Investigation of Natural Circulation Instability and Transients in Passively Safe Small Modular Reactors.”


Jacobs, Douglass F; forestry & natural resources, from U.S. Forest Service, $30,000, “Chemical Repellents to Deter Herbivory of Planted Forest Trees.”

Jenkins, Michael A; forestry & natural resources, from U.S. Forest Service, $24,999, “The Response of Oak Seedling Regeneration to Harvesting, Herbicide Treatments, and Burning.”

Jenkins, Michael A; forestry & natural resources, from U.S. Forest Service, $10,001, “The Response of Oak Seedling Regeneration to Harvesting, Herbicide Treatments, and Burning.”

Jiang, Qing and Cooper, Bruce R; foods & nutrition, biological sciences, from National Institutes of Health, $298,822, “Investigation of Anti-Inflammatory Mechanisms and Pharmacokinetics of Novel Metabolites of Vitamin E Forms.”

Joern, Brad C; agronomy, from Ross Graduate Fellowship-Assistantship, $17,287, “Martin, Joseph M.”

Johnson, William G; botany & plant pathology, from Monsanto Company, $10,000, “Monsanto-Weed Management Systems.”
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Jones, Yava L: comparative pathobiology, from Indiana University Purdue University at Indianapolis, $4,500, “Histological Evaluation of Atherosclerotic Specimens in Mice.”


Kaplan, Ian: entomology, from Purdue University F N Andrews Fellowship, $20,894, “Garvey, Michael A.”

Kaplan, Ian: entomology, from Laspau, $18,079, “2012-13 - Becas Francisco Jose de Caldas Fellowship, Year 3.”

Kappock, Thomas J: biochemistry, from Kappock, Thomas J (III) & Barbara S, $12,000, “Kappock Research.”

Karcicke, Jeffrey D: psychological science, from National Science Foundation, $135,575, “Faculty Early Career Development (CAREER): Retrieval-Enhanced Learning of Foundational Conceptual Knowledge; Amendment 1 for Grant 105939.”

Keener, Kevin M: food science, from Griffith Laboratories, $5,000, “Multi-Sponsored Gift.”

Keener, Kevin M: food science, from Griffith Laboratories, $100, “Multi-Sponsored Gift.”

Keener, Kevin M: food science, from Griffith Laboratories, $50, “Multi-Sponsored Gift.”

Keener, Kevin M: food science, from Griffith Laboratories, $75, “Multi-Sponsored Gift.”

Kildishev, Alexander V: electrical & computer engineering, from Raytheon, $20,000, “Developing Model and Simulation Tools for Quantifying Control Over Spatial and Temporal Dispersion in Dielectric Metamaterial Layers.” (a Discovery Park award — Birck Nanotechnology Center)


Klimeck, Gerhard: Fonseca, James E; Kubis, Tillmann C; Povolotskiy, Mykhailo and Seller, Jean Michel D: electrical & computer engineering, from University of Illinois, $75,000, “Petascale Computing Resource Allocations (PRAC) —Accelerating Nano-Scale Transistor Innovation OCI-0832623.” (a Discovery Park award — Network for Computational Nanotechnology)

Knapp, Deborah W: veterinary clinical science, from Poynter, Robert and Donna (Indiv Donors), $5,000, “Cancer Treatment Program.”

Kripp, Gregory T: industrial & physical pharmacy, from Catalenta Pharma Solutions, $17,043, “Comparison of Dissolution Times Between Contrast Filled Vegi-Capsules and Gel Capsules via Computer Tomography (CT) Scan in the Porcine Model.”

Ko, Jeff C: veterinary clinical science, from New Paradigm Concepts LLC, $19,245, “In Vivo Testing of Hemoguide in the Pig.”

Kobza, Cara L: field extension educators, from Jay County Drug Prevention Coalition, $1,200, “Red Ribbon Week and Project LEAD.”

Koltick, David S: physics, from Rapiscan Laboratories, Inc., $38,400, “Purdue/Rapiscan Laboratories Neutron Generator Project.”

Kompella, Ramana Rao and Xu, Dongyan: computer science, from National Science Foundation, $300,000, “NeTS: Small: Towards Exposing and Mitigating End-to-End TCP Performance and Fairness Issues in Data Center Networks.”

Kong, Nan: biomedical engineering, from National Science Foundation, $180,000, “Grant Opportunities for Academic Liaison with Industry (GOALI)/Collaborative Research: Warehouse Integration in Enterprise-Wide Supply Chain Planning Under Uncertainty.”

Kreger, Michael E: civil engineering, from Purdue University F N Andrews Fellowship, $21,550, “Laughery, Lucas A.”

Kreger, Michael E: civil engineering, from David M. Knox Endowment, $19,394, “Sanders, Laura.”

Kreger, Michael E: civil engineering, from Purdue University F N Andrews Fellowship, $18,263, “Bunting, Gregory.”

Kreger, Michael E: civil engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Pollastrini, Andrew Stephen.”

Kreger, Michael E: civil engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Freer, Joshua Richard.”

Kuhn, Richard J: biological sciences, from Purdue University F N Andrews Fellowship, $17,287, “Morman, Rosemary.”

Labi, Samuel: civil engineering, from Purdue Doctoral Program, $11,373, “Lavrenz, Steven Michael.”

Landry, Steven J: industrial engineering, from Winifred B. Bilsland Endowment, $19,394, “Ramamohan, Varun.”

Landry, Steven J: industrial engineering, from National Aeronautics and Space Administration, $200,871, “Comprehensive Analysis of Uncertainties in the National Airspace System.”

Lang, Rafael F: physics, from Columbia University, $70,440, “The XENON1T Dark Matter Project: a Project Proposal from the US Institutions of the XENON Collaboration.”

Leary, James F: basic medical science, from Korea Institute of Science & Technology, $30,000, “Korea Institute of Science & Technology (KIST):Purdue Collaboration - Supplemental Fund.” (a Discovery Park award — Bindley Bioscience Center)

Leary, James F: veterinary medicine — administration, from Dow Agro Sciences, $185,617, “Development of a Rapid Targeting Cell Based Assay for Maize and Soybean Using Enrichment by Fluorescent Activated Cell Sorting.” (a Discovery Park award — Birck Nanotechnology Center)

Lechtenberg, Victor L: president, from Indiana Economic Development Corporation, $15,000, “Small Business Development through the Jobs Act.”


Lee, Linda S: agronomy, from Purdue University Special Initiative Program, $1,500, “Grady, Caitlin A.”

Leleivre, Sophie A: basic medical science, from PHS-NIH National Cancer Institute, $29,097, “NuMa Function in Nonmalignant and Malignant Breast Cells.”

Leleivre, Sophie A and Vidi, Pierre-Alexandre: basic medical science, from PHS-NIH National Cancer Institute, $89,900, “Interplay Between Tissue Architecture and Nuclear Organization in the DNA Damage Response.”
Letcher, Mark; English and philosophy — Calumet campus, from National Writing Project, $20,000, "Northwest Indiana Writing Project 2012-2013 SEED Professional Development in a High-Need School."

Leverenz, Larry J; health & kinesiology, from Winifred B. Billsland Endowment, $16,170, “Dorsch, Travis.”

Levine, Michael; statistics, from National Science Foundation, $31,650, "Collaborative Research: Estimation, Inference, and Computation for Finite Nonparametric Mixtures.”

Lill, Markus A; medicinal chemistry & molecular pharmacology, from PHS-NIH National Institute of General Medical Science, $202,003, "Novel Computational Methods for Modeling Cytochrome P450 Mediated Drug Metabolism.”

Lister, Matthew L; physics, from National Aeronautics and Space Administration, $195,000, "The Very Long Baseline Array (VLBA) 2cm Mojave/Fermi Program.”

Lister, James D; chemical engineering, from Procter & Gamble Company, $50,000, "Lister Research from P&G.”

Liu, Lu; industrial engineering, from National Science Foundation, $208,505, "Collaborative Research: the Next-Generation Electricity Capacity and Transmission Expansion Model with Large-Scale Energy Storage and Renewable Resources.”


Liu, Xiaoyi; Cancer Research Center, from PHS-NIH National Cancer Institute, $250,860, “Pikl1 in Chemo-Resistance of Cancer.”

Longuski, James M; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $60,000, "Magnetically Actuated Six Degree of Freedom Spacecraft Control Using Magnetic Torque Coils and Short Electrodynamic Tethers NASA Space Technology Research Fellowships (NSTRF) for Michael Muetters.”

Lopez, Roberto G; horticulture & landscape architecture, from Multi-Sponsored Industries, $3,300, "Multi-Sponsored Gift Account.”

Lyrantzis, Anastasios S; aeronautical & astronautical engineering, from Ross Graduate Fellowship-Assistanship, $48, “Black, Alden.”

Marais, Karen; aeronautical & astronautical engineering, from Federal Aviation Administration, $45,828, "End Around Taxiway Environmental Optimization.”

Mates, Richard D; foods & nutrition, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $84,772, "Interdisciplinary Training in Signals Controlling Ingestion and Obesity.”

Mauer, Lisa J; Bhunia, Arun K; Ladisch, Michael R; Applegate, Bruce M and Irudayaraj, Joseph M; agriculture — administration, food science, agricultural & biological engineering, from Agricultural Research Service, $1,038,578, "Food Safety OSQR.”

McCullough, Bobby G; construction engineering & management, from Indiana Department of Transportation, $5,000, "Snow and Ice Removal Standards - Optimizing Winter Operations, Project Expansion SPR-3204.”

McCullough, Bobby G; construction engineering & management, from Trask Trust Fund, $36,655, "Trask Initiative 3iD.”

McGlothin, James D; health sciences, from Multi-Sponsored Industries, $10,000, "Ergonomics.”

McKee, Renee K and Orvis, Kathryn S; youth development & agricultural education, from National 4-H Council, $1,000, "2012 USA Science & Engineering Festival: Teens Teaching Youth Biotechnology.”

McKee, Renee K; youth development & agricultural education, from Indiana State Department of Health, $355,994, "Afternoons Recreation, Object lessons, Culture and values and Knowledge (ROCK) in Indiana.”

McNamara, Kevin T; Baributsa, Dieudonne and Foster, Ricky E; agricultural economics, international programs in agriculture, entomology, from University of California - Davis, $896,396, "Building a New Partnership: MALL Extension Services Engage the Afghan Farmer.”

Merwade, Venkatesh M and Song, Xiaohui C; civil engineering, academic technologies, from University of North Carolina at Chapel Hill, $43,380, "An Interactive Software Infrastructure for Sustaining Collaborative Community Innovation in the Hydrologic Sciences (A Subcontract to UNC Chapel Hill).”


Michler, Charles H; forestry & natural resources, from U.S. Forest Service, $46,500, "Hardwood Tree Improvement and Regeneration Center.”

Mickelbart, Michael V; horticulture & landscape architecture, from Indiana Nursery and Landscape Association, $5,000, "Indiana Nursery & Landscape Association.”

Monroe, James S; field extension educators, from Vincennes University, $1,218, "Horticulture Class at Vincennes.”

Morgan, Mark T; food science, from Taylor Farms California Inc, $15,000, "Food Science Research.”

Mroczek, Daniel K; child development & family studies, from PHS-NIH National Institute on Aging, $387,837, "Personality and Well-Being Trajectories in Adulthood.”

Murdock, Larry L and Huesing, Joseph E; entomology, from Foreign Agricultural Service, $24,310, "Plant Sciences Borlaug Fellow from Burkina Faso.”

Murray, Michael D; pharmacy practice, from Regenstrief Institute Inc, $27,797, "Regenstrief Center for Healthcare Improvement and Research (RCHIR) Project.”

Murthy, Jayathi Y; Graima, Ananth Y; Pernouis, Dimitrios; Sameh, Ahmed H and Xiuhongbin; mechanical engineering, computer science, electrical & computer engineering, from Purdue Research Foundation: Special Incentive Research Grant (SIRG), $57,788, "Office of the Vice President for Research (OVPR) Special Incentive Research Grant (SIRG): Murthy, J. C/S on 103080, Year 5 of 5.” (a Discovery Park award — Birck Nanotechnology Center)

Nauman, Eric A; mechanical engineering, from Purdue University Special Initiative Program, $20,894, "Zakrajsek, Anne.”

Nies, Loring F; civil engineering, from Environmental Protection Agency, $19,763, “Leila Nyberg 10/11 EPA Fellowship; Amendment 3 for Grant 104942.”

Nita-Rotaru, Cristina and Killian, Charles E; computer science, from National Science Foundation, $250,000, “TWC: Small: Automatic Detection of Protocol Manipulation Attacks in Large Scale Distributed Systems Implementations.”

Nita-Rotaru, Cristina and Neville, Jennifer L; computer science, from Johns Hopkins University, $151,231, “Toward Intrusion Tolerant Clouds; Amendment No. 1.”


Niyogi, Devdutta S; agronomy, from National Aeronautics and Space Administration, $30,000, “Role of Antecedent Soil Moisture Conditions on the Reintensiﬁcation of Tropical Systems with Aid of Remotely Sensed Data and Model Veriﬁcation.”


Nof, Shimon Y; Lee, Seokchoen and Mathur, Aditya P; industrial engineering, computer science, from Kimberly-Clark Corp., $180,000, “Next Level Decisions.”

Nohadani, Omid; industrial engineering, from Purdue University F N Andrews Fellowship, $21,550, “Wang, Dawei.”

Nyenhuis, John A; electrical & computer engineering, from Medtronic, Inc., $18,000, “Magnetic Resonance Imaging (MRI) Evaluation of Stent SE.”

Oakes, William C; engineering education, from Motorola Foundation, $150,000, “Motorola Solutions Foundation.”

Odden, Harold L; anthropology — Fort Wayne campus, from Indiana Campus Compact, $2,250, “Murnese Adolescent Well-Being in Fort Wayne, Indiana.”

Ohland, Matthew W; engineering education, from National Science Foundation, $320,745, “Characterizing and Modeling the Experience of Transfer Students in Engineering; Amendment 3 for Grant 104873.”

Ohland, Matthew W; engineering education, from National Science Foundation, $405,162, “SMARTER Teamwork: System for Management, Assessment, Research, Training, Education, and Remediation for Team; Amendment 5 for Grant 103308.”

Ohland, Matthew W; engineering education, from National Science Foundation, $405,764, “Characterizing and Modeling the Experience of Transfer Students in Engineering; Amendment 2 for Grant 104873.”

Ohm, Herbert W; agronomy, from Agricultural Research Service, $57,897, “Characterizing and Modeling the Experience of Transfer Students in Engineering; Amendment 2 for Grant 104873.”

Ohm, Herbert W; agronomy, from United Soybean Board, $25,000, “2012-13 United Soybean Board Fellowship - Year 3.”

Ohm, Herbert W; agronomy, from Agricultural Research Service, $50,191, “New Modes of Wheat Resistance Against Hessian Fly.”

Olek, Jan; civil engineering, from Ross Graduate Fellowship-Administration, $18,263, “Tokpatayeva, Raikalhan.”


Park, Chris F; field extension educators, from Indiana's Family of Farmers Agricultural Research, $750, “Farmers Day Morgan County.”

Park, Laurie L and Geahlen, Robert L; medicinal chemistry & molecular pharmacology, pharmacy — administration, from Purdue University, $15,000, “Multicolor, Time-Resolved Fluorescence Biosensors for Kinase Activities in Non-Hodgkins Lymphoma.”

Park, Laurie L; medicinal chemistry & molecular pharmacology, from PHS-NIH National Cancer Institute, $232,965, “Biosensor Design for Detection and Analysis of Complex Signal Patterns in Cancer.”

Patton, Aaron J; agronomy, from Midwest Regional Turf Foundation, $3,825, “Midwest Regional Turf Foundation.”

Pekarek, Steven D and Sudhoff, Scott D; electrical & computer engineering, from National Aeronautics and Space Administration, $158,446, “NRI-Small: Actuators for Safe, Strong, and Efficient Humanoid Robots.”

Peroulis, Dimitrios and Chappell, William J; electrical & computer engineering, from BAE Systems Advanced Technologies, Inc., $150,000, “Mod. 2 to Grant 105912 Subcontract Miniature Broadband Tunable Filters for EW Receivers.”

Peterson, Nancy J; English, from Purdue University Special Initiative Program, $20,894, “Peck, William.”

Peterson, Nancy J; English, from Purdue University Special Initiative Program, $20,894, “Pinkert, Laurie.”

Pijanowski, Bryan C; forestry & natural resources, from University of Illinois, $8,500, “TippingPointPlanner and AgIndicator Decision Support Development Part 1.”

Pijanowski, Bryan C; forestry & natural resources, from Environmental Protection Agency, $17,000, “Sarah L. Dumyahn 10/11 EPA Star Fellowship; Amendment 2 for Grant 104872.”

Pipes, R Byron; aeronautical & astronautical engineering, from The Boeing Company, $29,566, “Certification of Short Fiber Molded Composite Structures.” (a Discovery Park award — institute for defense initiatives)

Prabhakar, Sunil K; computer science, from The National GEM Consortium, $4,167, “2012-13 GEM Fellowship - Year 2.”

Prabhakar, Sunil K; computer science, from The National GEM Consortium, $4,167, “2012-13 GEM Fellowship - Year 2.”

Prakash, Arun; civil engineering, from National Science Foundation, $39,122, “Collaborative Research: Validated Multiscale Simulation Framework for Large-Strain Thermo-Mechanical Response; Amendment 2 for Grant 104824.”

Prezzi, Monica; civil engineering, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Lim, Jeehee.”


Raghunathan, Vijay; electrical & computer engineering, from National Science Foundation, $88,617, “Faculty Early Career Development (CAREER): a Hardware-Software Approach to Enabling In-Situ Visibility and Control in Wireless Embedded Systems; Amendment 2 for Grant 104353.”

Ramani, Karthik; mechanical engineering, from National Science Foundation, $340,164, “A-DRIVE: Affordable Design by Realistic Interactions for Virtual Explorations.”

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, $1,250,000, “Network for Earthquake Engineering Simulation (NEES) Operations: FY 2010-FY2014; Amendment 18 for Grant 104025.” (a Discovery Park award — Cyber Center)

Ramkrishna, Doraiswamy; chemical engineering, from University of Minnesota, $90,016, “Modeling Pheromone Induced Drug Resistance Transfer in Enterococcus Faecalis.”

Rao, Sanjay G; electrical & computer engineering, from National Science Foundation, $80,000, “Faculty Early Career Development (CAREER): Towards Automated and Assurable Enterprise Network Migration; Amendment 4 for Grant 104340.”


Raskin, Rose E; comparative pathobiology, from Phoenix Central Laboratory, $1,083, “Immunochenical Expression of CD3 in Veterinary Hemolymphatic Cytologic Specimens.”

Ratliff, Timothy L and Amass, Sandra F; comparative pathobiology, school of veterinary medicine - administration, from PHS-NIH National Center for Research Resource, $252,939, “Fat Dogs and Coughing Horses: Animal Contributions Towards a Healthier Citizenry.” (a Discovery Park award — Discovery Learning Center)

Rayburn, Rachel L; public environmental affairs — Fort Wayne campus, from Indiana Campus Compact, $5,000, “Experiences of Women Living in Transitional Housing.”

Ren, Tong; chemistry, from National Taiwan University, $67,500, “Surface Modification and Nanojunction Fabrication with Molecular Metal Wires; Amendment 1.”

Reuer, Jeffrey J; management, from Purdue Research Foundation: Office of the Vice President for Research (OVP), $17,287, “External Investments in Technology Start-Ups.”

Rhoads, Jeffrey F and Mohammadi, Saeed; mechanical engineering, electrical & computer engineering, from National Science Foundation, $360,053, “Investigating the System-Level Dynamics of Fully-Integrated CMOS-SOI Nanoresonators.” (a Discovery Park award — Birck Nanotechnology Center)

Ribeiro, Fabio H and Delgass, W N; chemical engineering, from University of Notre Dame, $150,000, “Passive NOx Removal Catalyst Research; Amendment 2.”

Ribeiro, Fabio H; chemical engineering, from Cummins Inc, $127,000, “Understanding the Role of Platinum on Lean NOx Traps and Modelling of Ammonia Selective Catalytic Reduction (SCR) Catalysts.”

Richardson, James E; earth & atmospheric sciences, from National Aeronautics and Space Administration, $50,000, “Investigating the Production and Distribution of Secondary Craters as a Function of Primary Crater Production on Planetary Surfaces; Supplement 1 for Grant 105527.”

Ridgway, Kenneth D; earth & atmospheric sciences, from National Science Foundation, $81,755, “Collaborative Project:Track 2, METALS: Minority Education through Traveling and Learning in the Sciences; Amendment 3 for Grant 104516.”

Rogers, Marcus K; computer & information technology, from Multi-Sponsored Industries, $9,000, “Forensic Seminars.”


Rose, Peggy; nursing — North Central campus, from Indiana Campus Compact, $2,250, “Community Partnership as a Key to Adolescent Health.”

Ruan, Weihua; mathematics, computer science & statistics — Calumet campus, from Simons Foundation, $35,000, “Degenerate Parabolic and Hyperbolic Partial Differential Equations.”

Rundell, Ann E; biomedical engineering, from Chappelle, $12,909, “Hamilton, Mark.”

Sadof, Clifford S; entomology, from Michigan State University, $12,500, “Interregional Research Project #4 Minor Crop Pest Management Program.”

Sanger, Phillip A; electrical & computer engineering, from Western Carolina University, $35,025, “Exciting Senior Capstone Projects Solving US Air Force Challenges.”

Sangid, Michael D; aeronautical & astronautical engineering, from Rolls-Royce Corporation, $50,000, “RR Proposal for Fatigue Modeling of RR1000.”

Schneider, Steven P; aeronautical & astronautical engineering, from American Society for Engineering Education, $11,000, “2012-13 National Aeronautics and Space Administration (NASA) Aeronautics Scholarship Fellows — Year 2.”


Schoenlein, William E and Van Alstine, William G; biomedical engineering, comparative pathobiology, from Medical Engineering & Development Institute Inc., $51,017, “Enteric Device Testing Study: CBI-GHGP Addendum to Grant 202362.”

Sheehan, Amy H; pharmacy practice, from PHS-Food and Drug Administration, $45,000, “Joint FDA/Indstry/Academia Regulatory Pharmaceutical Fellowship-FDA Portion.”

Shepson, Paul B; chemistry, from University of Southern California, $97,087, “Airborne Microwave Observatory of Subcanopy and Subsurface (AirMoss).”

Shepson, Paul B; chemistry, from National Science Foundation, $232,259, “Collaborative Research: The O-Buoy Network of Chemical Sensors in the Arctic Ocean; Amendment 2.”


Shively, Gerald E; agricultural economics, from Tufts University, $78,130, “Nutrition Collaborative Research Support Programs (CRSP), Focus on Africa.”

Shively, Gerald E; agricultural economics, from Tufts University, $78,130, “Nutrition Collaborative Research Support Programs (CRSP), Focus on Asia.”
Si, Luo; computer science, from International Business Machines Corp, $30,000, “Dan Zhang - IBM Ph.D. Fellowship.”

Siegmund, Thomas H; mechanical engineering, from Army Medical Res & Development Command, $50,000, “Mechanics of Multiscale Energy Dissipation in Topologically Interlocked Materials-STIR.”

Siegmund, Thomas H; Bolton, J S; Cipra, Raymond J; Ramani, Karthik and Zavattieri, Pablo D; mechanical engineering, civil engineering, from Air Force Office of Scientific Research, $236,562, “A Multiphase Material 3-D-Printing System.”

Simpson, Vicki L and McComb, Sara A; nursing, from National League for Nursing (NLN), $15,000, “The Next Generation Nursing Clinical Scholars-Enhancing Clinical Education with Systems Engineering.”

Smith, Jenna M; field extension educators, from Indiana’s Family of Farmers Agricultural Research, $202, “How Does It Grow.”

Smith, Mjt; graduate school administration, from Purdue University Special Initiative Program, $7,906, “Kulesza, Christopher F.”

Smith, Mjt; graduate school administration, from Interdisciplinary Assistantships, $24,855, “Meijome, Natalia.”

Smith, Mjt; graduate school administration, from Interdisciplinary Assistantships, $24,855, “Ozanich, Holly.”

Smith, Mjt; graduate school administration, from Purdue University Special Initiative Program, $10,767, “Ge, Zhenhao.”

Smith, Mjt; graduate school administration, from Purdue University Special Initiative Program, $25,888, “Lucietto, Anne M.”

Smith, Mjt; graduate school administration, from Interdisciplinary Assistantships, $24,855, “McBride, Zachary.”

Smith, Mjt; graduate school administration, from Purdue University Special Initiative Program, $8,095, “Harris, Constance A.”

Smith, Mjt and Breedlove, Evan L; graduate school administration, biomedical engineering, from National Science Foundation, $668,250, “NSF Graduate Research Fellowship Program (GRFP)”

Smith, Mjt; graduate school administration, from Interdisciplinary Assistantships, $24,855, “McCoy, Rachel.”

Smith, Richard S; food science, from Alcoa Inc, $3,000, “Food Science 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.”

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

Spoljoric, Diane E; nursing — North Central campus, from Indiana Campus Compact, $2,250, “Nutrition Education to Low Income Pre-School Children Attending Head Start.”

Springer, John A and Brewer, Jeffrey L; computer & information technology, from Indiana University Purdue University at Indianapolis, $195,652, “Virtual Tissue Bank Project — Additional Funding.”

Stanciu, Lia A; materials engineering, from PHS-NIH National Institute Neurological Disorders and Stroke, $161,064, “Metal-Induced Structural Transformations During Alpha-Synuclein Aggregation.”

Stantz, Keith M; health sciences, from PHS-NIH National Institute of Biomedical Imaging and Bioengineering, $173,250, “In Vivo Imaging and Therapeutic Targeting of Hypoxic-Niche Associated with CSCs.”

Stevenson, Steven A; chemistry — Fort Wayne campus, from National Science Foundation, $279,775, “RUI: Investigations of Newly Discovered OxoMetallic Clusters Inside Fullerene Cages.”

Strachan, Alejandro H; materials engineering, from University of Illinois at Champaign-Urbana, $81,367, “Shock Wave Energy Dissipation (SWED) by Mechanochemically-Active Nanoporous Materials.” (a Discovery Park award — Birck Nanotechnology Center)

Streveler, Ruth A; engineering education, from National Science Foundation, $97,890, “Collaborative Research: Integrating Models of Cognition and Measurement with Conceptual Knowledge; Amendment 3 for Grant 103995.”

Strobel, Johannes; engineering education, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,287, “Innovative Graduate Education and Research Traineeship (IGERT): the Solar Economy Integrative Graduate Education and Research Traineeship (SEIGERT).”

Subbarayan-Shastri, Ganesh and Handwerker, Carol A; mechanical engineering, materials engineering, from Washington State University, $50,000, “Reliability of Copper Pillar/Via Microbumps.”

Sudhoff, Scott D and Pekarek, Steven D; electrical & computer engineering, from Office of Naval Research, $90,000, “ESRDC Power Supply Characterization Effort: Purdue Tasks.”

Sun, Hao; English & linguistics — Fort Wayne campus, from Indiana Campus Compact, $2,250, “Strengthening the Community through ESL Service Learning.”

Sypher, Howard E; communication, from Purdue University Special Initiative Program, $1,500, “Long, Ziyu.”

Talavage, Thomas M; Leverenz, Larry J and Nauman, Eric A; electrical & computer engineering, health & kinesiology, mechanical engineering, from Massachusetts Institute of Technology Lincoln Lab, $35,000, “Multi-Model Early Detection Interactive Classifier (MEDIC) System for Mild Traumatic Brain Injury (TBI) Assessment.”

Tao, Bernard Y and Wilker, Jonathan J; agricultural & biological engineering, chemistry, from Indiana Corn Marketing Council, $51,851, “Bio-Based Super Adhesives Based on Starch.”

Tawarmalani, Mohit; management, from National Science Foundation, $226,172, “Collaborative Research: Novel Tighter Relaxations for Complementarity Constraints with Applications to Nonlinear and Bilevel Programming.”

Thomas, Joseph; pharmacy practice, from Pfizer Inc, $100,592, “Health Care Resource Use and Expenditures.”


Tuinstra, Mitchell R; agronomy, from Purdue University F N Andrews Fellowship, $17,287, “Lindsey, Raymond S.”


Vacca, Andrea; agricultural & biological engineering, from Triumph Aerospace Systems, $77,000, “Evaluation and Improvement of Proprietary Gear Pump.”

Vacca, Andrea; agricultural & biological engineering, from Casappa Spa, $95,000, “Advances in Modeling External Spur Gear Machines and Development of Innovative Solutions.”

Van Gelder, Boudewijn H; civil engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Miller, Megan MG.”


Vitek, Jan; computer science, from National Science Foundation, $246,635, “Computer Systems Research (CSR): CC: Small: Collaborative Research: Language and Runtime Support for Large-Scale Data Analytics.”

Volenc, Jeffrey J; agronomy, from Purdue Doctoral Program, $17,209, “Smith, Ronald.”


Wachs, Juan P; industrial engineering, from Purdue Doctoral Program, $19,695, “Sullivan, Siobhan.”

Walker, William S; Eichinger, David C and Smith, Steven C; science — administration, biological sciences, earth & atmospheric sciences, from Metropolitan School District of Decatur Township, $22,003, “Science through Inquiry: the Next Steps; Amendment 1 Revised.”

Wassgren, Carl R and Muliaidi, Ariel R; mechanical engineering, chemical engineering, from National Science Foundation, $299,596, “Mechanical Dispersion of Viscous Liquids in Sheared Particulate Systems.”

Weatherman, Kara D; pharmacy practice, from Indiana University School of Medicine, $2,000, “Teaching Nuclear Medicine Technology Course at IU.”

Weaver, Connie M; foods & nutrition, from Purdue University F N Andrews Fellowship, $17,287, “Barnard, Alle.”

Weaver, Connie M; foods & nutrition, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Herdzina-Huss, Lyndsey.”

Weaver, Connie M; foods & nutrition, from Purdue Doctoral Program, $8,672, “Wright, Breanne N.”

Weaver, Connie M; foods & nutrition, from Ross Graduate Fellowship-Assistantship, $17,287, “Wright, Breanne N.”

Weaver, Connie M; foods & nutrition, from Ross Graduate Fellowship-Assistantship, $18,263, “Min, Kyungjean.”

Weaver, Connie M; foods & nutrition, from Kraft Foods Global, Inc, $200,000, “Kraft Foods Calcium Intake & Vascular.”

Weaver, Connie M; foods & nutrition, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Redan, Benjamin.”

Weaver, Connie M; foods & nutrition, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Dhillon, Jaapna.”

Wereley, Steven T; mechanical engineering, from Hummingbird Precision Machine, $2,271, “Design and Fabrication of Microfluidic Chips for In-Situ (Scanning) Transmission Electron Microscopy (STEM) Observations in Liquids.” (a Discovery Park award — Birck Nanotechnology Center)

Widhalm, Joshua R; horticulture & landscape architecture, from Life Sciences Research Foundation, $168,000, “Fellowship: Widhalm Salicylic Acid Biosynthesis in Plants: Enzyme Discovery and Exploring Pathway Dynamics.”


Williams, Sharon R; anthropology, from Harvard University, $6,206, “Longitudinal Aging Biomarker Study in India (LASI-Biomarker).”

Wise, Kiersten A; botany & plant pathology, from Ross Graduate Fellowship-Assistantship, $17,394, “Noveroske, Anna.”


Wolfle, Britton D; Kim, Beomjin and Seldmeyer, Robert L; computer science — Fort Wayne campus, from Ball State University, $29,980, “Evaluating Visualization Techniques for Command and Control Applications Using Stereoscopic Vision in a 3-D Virtual Environment.”

Xia, Yu; chemistry, from National Science Foundation, $130,000, “Development of Gas-Phase Biomolecule Ion / Radical Reactions on a Linear Ion Trap Mass Spectrometer.”

Xu, Dongyan; computer science, from TT Government Solutions Inc., $49,452, “Modification No. 4 to Grant 105356 Subcontract #20015133.”

Yang, Won Sik; nuclear engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Min, Kyungjean.”

Yau, David K; computer science, from National Science Foundation, $89,985, “TC: Medium: Collaborative Research:Towards Formal, Risk Aware Authorization; Amendment 3 for Grant 104647.”
Ye, Peide; electrical & computer engineering, from BAE Systems Advanced Technologies, Inc., $9,000, “Purdue BAE System Joint Project: Atomic Layer Deposition (ALD) High-k on GaN.” (a Discovery Park award — Birck Nanotechnology Center)

Yeo, Yoon; industrial & physical pharmacy, from Embassy of the Arab Republic of Egypt, $30,400, “2012-13 Fellowship – Year 2.”

Zavattieri, Pablo D and Moon, Robert J; civil engineering, materials engineering, from U.S. Forest Service, $12,278, “Development and Validation of a Mesoscale Model for Cellulose Nanocrystals.”

Zentner, Michael G and McLennan, Michael J; academic technologies, from National Science Foundation, $49,948, “The Science Gateway Institute (SGW-I) for the Democratization and Acceleration of Science.”

Zhang, Lingsong; statistics, from Veterans Bio-Medical Res Institute Inc, $8,842, “Integrative Physiology of Gulf War Illness: Role of Autonomic Function, Central Neural Processing, and Sleep.”


Zhao, Lan; academic technologies, from University of Utah, $63,183, “Collaborative Research: Integrated Training for Continental Ecology (ITCE): Bridging Scales and Systems with Isotopes.”

Zhou, Chenn Q; Center for Innovation through Visualization & Simulation, from Northwst Indiana Regional Development Authority, $12,294, “Northwst ndiana RDA Projects.”

Zhou, Chenn Q; Center for Innovation through Visualization & Simulation, from BP Whiting Refinery, $4,681, “A Computational Fluid Dynamics (CFD) Study of the Effects of Orifice Plate Reversal.”

Zhu, Yu Michael; statistics, from National Science Foundation, $103,326, “Collaborative Research: Spatial Model-Based Methods for RNA-Seq Analysis; Amendment 2 for Grant 104935.”

Zwier, Timothy S; chemistry, from National Science Foundation, $220,000, “Single-Conformation Spectroscopy of Isolated Peptides and Synthetic Foldamers.”

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