Abbott, Angela R; consumer & family sciences, from Clowes Fund, Inc., the, $20,000, “The Benefit Bank of Indiana.”

Abbott, Angela R; consumer & family sciences, from Indiana State Department of Health, $37,592, “Purdue’s Pregnancy and Parenting Education for Adolescents through Extension (P2EATE) Program.”

Abbott, Angela R; consumer & family sciences, from Central Indiana Council on Aging Inc. (CICOA), $30,000, “Central Indiana Council on Aging Inc. (CICOA)”

Abbott, Angela R; consumer & family sciences, from United Way -Greater Lafayette & Tippecanoe Co Indiana Inc, $500, “Poverty Simulator Voluntary Support.”

Adams, Douglas E; mechanical engineering, from Rolls-Royce Corporation, $65,000, “Detection and Monitoring of Damage in Gear Drive Using Dynamic Torque Sensing.”

Adams, Robin S; engineering education, from Purdue Doctoral Program, $19,468, “Chua, Mallory.”


Agrawal, Rakesh; Capobianco, Brenda M; Hillhouse, Hugh W and Tyner, Wallace E; chemical engineering, curriculum & instruction, agricultural economics, from National Science Foundation, $625,000, “Integrative Graduate Education and Research Traineeship (IGERT): the Solar Economy IGERT (SEIGERT); Amendment 3 for Grant 103965,” (a Discovery Park award — Energy Center)

Akkus, Ozan; Panitch, Alyssa and Beaudoin, Stephen P; biomedical engineering, chemical engineering, from National Science Foundation, $82,257, “Bridging the Gap Between Nano and Macroscale Hierarchies in Collagen Assembly; Amendment 3.”

Allebach, Jan P; electrical & computer engineering, from Hewlett Packard SBY PO Payment Request, $90,000, “Understanding Personal Visual Communication: A Transactional and Socio-Technological Approach.”

Apostoaia, Constantin M; electrical and 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 2.”

Bagchi, Saurabh; electrical & computer engineering, from IBM, $65,565, “IBM Volunteer Support.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from Ross Graduate Fellowship-Assistantship, $18,194, “Raha, Arnab.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from Ross Graduate Fellowship-Assistantship, $18,194, “Lu, Cheng.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from Ross Graduate Fellowship-Assistantship, $18,194, “Han, Kyunghun.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from Ross Graduate Fellowship-Assistantship, $18,194, “Holic, Calvin R.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from Purdue Doctoral Program, $18,194, “Johnson, Scott.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from Ross Graduate Fellowship-Assistantship, $18,194, “Du, Yuchen.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from Ross Graduate Fellowship-Assistantship, $18,194, “Balsubramanian, Aditya.”

Balakrishnan, Venkataramanan; electrical & computer engineering, from Ross Graduate Fellowship-Assistantship, $18,194, “Si, Mengwei.”

Bartlett, Edward L; biological sciences, from Winifred B. Bilsland Endowment, $9,564, “Parthasarathy, Aravindakshan.”

Basaran, Osman A; chemical engineering, from Petroleum Research Fund, $100,000, “Drop Coalescence.”

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

Beard, Jane A; field extension educators, from Daviess County, $31,440, “Kiesel 2012 Daviess County Government Support.”

Benes, Bedrich; computer graphics technology, from Arizona State University, $45,447, “A Global High-Resolution Fossil Fuel CO2 Inventory Built from Assimilation of In Situ and Remotely-Sensed Datasets to Advance Satellite Greenhouse Gas Decision Support Systems; Amendment 1.”

Bickham, John W; agriculture — administration, from Texas Technology University, $15,000, “Western Gray Whale Biopsy Sample Analyses Program,” (a Discovery Park award — Center for the Environment)
Bigelow, Cale A; agronomy, from Agrotain International LLC, $3,000, "Putting Greens Research."

Bigelow, Cale A; agronomy, from National Turfgrass Evaluation Program, $4,000, “2011 National Kentucky Bluegrass Test.”

Bischoff, Shannon T; English & linguistics — Fort Wayne campus, from National Science Foundation, $94,029, “Collaborative Research: Cœur d’Alene Online Digital Resources.”

Blatchley, Ernest R; civil engineering, from Citizens Energy Group, $49,634, “Design and Validation Protocol for Large-Scale UV Disinfection Systems for Municipal Wastewater: Quantification of UV Dose-Response Behavior, Including Variability.”

Bobet, Antonio and Pyrak-Nolte, Laura J; civil engineering, physics, from Petroleum Research Fund, $100,000, “Geophysical Monitoring of Mechanical & Chemical Alterations of Frictional Discontinuities.”

Bouck, Emily C; educational studies, from U.S. Department of Education, $178,503, “Technologies in Special Education (TISE) Scholars Program—Grant 1039999 Inc.”

Braun, James E; mechanical engineering, from Pennsylvania State University, $233,000, “Demonstration of a Modelica-Based Toolchain for Rapid Response Research Prototyping and Evaluation of Integrated Building Controls.”

Briggs, Scott D; biochemistry, from Winifred B. Bilsland Endowment, $8,064, “Raz, Donieka M.”

Buckius, Richard O; Vice President for Research, from Purdue Research Foundation: Office of the Vice President for Research (OVPR), $17,287, “Mechanisms & Correction of Altered Skeletal Development in Down Syndrome.”

Buckmaster, Dennis; Ault, Aaron C; Ess, Daniel R; Krogmeier, James V and Tucker, Mark A; agricultural & biological engineering, electrical & computer engineering, youth development & agricultural education, from National Institute of Food & Agriculture, $480,000, “Improving Agricultural Management with Autogenic Mobile Technology.”

Bullock, Darcy M; civil engineering, from Edward C. Levy Co, $1,500, “Joint Transportation Research Program (JTRP) Supplementary Research Account.”

Caffee, Marc W; Granger, Darryl E; Lifton, Nathaniel A and Muzikar, Paul F; physics, earth & atmospheric sciences, from National Science Foundation, $674,973, “Facility Support: Accelerator Mass Spectrometry at PRIME Lab.”

Cai, Liping A; consumer & family sciences, from Liping A Cai (Individual Donor), $25,000, “China Research Programs.”

Casteel, Shaun N; agronomy, from Monsanto Company, $15,000, “Soybean Extension Research.”

Casteel, Shaun N; agronomy, from Monsanto Company, $6,000, “Soybean Extension Research.”

Chakrabarti, Raj; chemical engineering, from National Science Foundation, $33,828, “Catalyzing New International Collaboration with Anna University for Computational Enzyme Design Research: SIRT1 and SIRT3.”

Chapple, Clint C; biochemistry, from Ross Graduate Fellowship-Assistanship, $17,287, “Burris, Donieka M.”

Chapple, Clint C; biochemistry, from U.S. Department of Energy, $140,455, “Phenylpropanoid Metabolism in Arabidopsis: the Role of Ref4; Modification 5 for Grant 102711.”

Chaubey, Indrajeeet; agricultural & biological engineering, from Purdue Doctoral Program, $221, “Logsdon, Rebecca A.”

Chaubey, Indrajeeet; agricultural & biological engineering, from Purdue Doctoral Program, $459, “Logsdon, Rebecca.”

Chaubey, Indrajeeet; agricultural & biological engineering, from Winifred B. Bilsland Endowment, $8,064, “Raz, Cibin.”

Chen, Jun; mechanical engineering, from 3M General Offices, $15,000, “Comprehensive Study of Low Mach Number Aerodynamic Noise.”

Chen, Yong P; Lundstrom, Mark S; Xu, Xianfan; Ye, Peide; Datta, Supriyo and Ramdas, Anant K; science — administration, electrical & computer engineering, mechanical engineering, physics, from Space and Naval Warfare Systems Center, $2,026,207, “Topological Insulator Coherent Energy-Efficient Devices (TICED); Modification 1 for Grant 105377.” (a Discovery Park award — Birck Nanotechnology Center)

Chen, Zhihong; electrical & computer engineering, from National Science Foundation, $100,000, “Grant Opportunities for Academic Liaison with Industry (GOALI): Creating Novel Graphene-Based Meta-Materials through Nano-Patterning.” (a Discovery Park award — Birck Nanotechnology Center)

Cheng, Ji-Xin; biomedical engineering, from Ross Graduate Fellowship-Assistanship, $18,263, “Liao, Chien-Sheng.”

Cheng, Ji-Xin; biomedical engineering, from Chappelle, $16,894, “Tyler, Jacqueline.”

Cherkauer, Keith A; agricultural & biological engineering, from Purdue Doctoral Program, $221, “Chin, Natalie.”

Clase, Kari L and Rickus, Jenna L; technology — administration, agricultural & biological engineering, from Indiana Clinical & Translational Science Institute, $14,000, “Metabolic and Global Proteomic Analyses of Human Glioblastoma Multiforme.” (a Discovery Park award — Bindley Bioscience Center)

Clawson, Rosalee A; political science, from Ludwig Kruhe Graduate Scholarship, $4,224, “O’Brien, Cheryl.”

Clawson, Rosalee A; political science, from Purdue University F N Andrews Fellowship, $19,394, “Berndt, Eric Swanson.”

Clawson, Rosalee A; political science, from Winifred B. Bilsland Endowment, $16,394, “Cleven, Erik Thomas.”

Clawson, Rosalee A; political science, from Winifred B. Bilsland Endowment, $16,394, “O’Brien, Cheryl Marie.”

Clawson, Rosalee A; political science, from Purdue University F N Andrews Fellowship, $19,394, “Walker, Rachel E.”

Clupper, Stacy A; field extension educators, from Blackford County Community Foundation, Inc., $875, “K-IDs BMV to Blackford County.”

Coppoc, Gordon L; medical education, from Indiana University, $10,000, “FY 12-13 Indiana University School of Medicine (IUSM)-Lafayette Student Activity Fund.”

Coppoc, Gordon L; medical education, from Indiana University Purdue University at Indianapolis, $1,747,477, “FY12-13 Indiana University School of Medicine (IUSM) — Lafayette General Fund.”

Coppoc, Gordon L; medical education, from Indiana University, $37,000, “FY 12-13 Indiana University School of Medicine (IUSM)-Lafayette Student Technology Fund.”

Coppoc, Gordon L; medical education, from Indiana University Purdue University at Indianapolis, $10,000, "FY12-13 Indiana University School of Medicine (IUSM)-Lafayette Life Cycle Fund.”
Coppoc, Gordon L; medical education, from Indiana University Purdue University at Indianapolis, $4,000, “FY12-13 Indiana University School of Medicine (IUSM) -Lafayette Student and Faculty Recruitment & Retention.”

Coppoc, Gordon L; medical education, from Indiana University, $7,200, “FY 12-13 Indiana University School of Medicine (IUSM) Lafayette National Board Of Medical Examiners (NBME)/Shelf Exam Fund.”

Crossley, William A; aeronaunal & astronautical engineering, from Rolls-Royce Corporation, $4,002, “Multidisciplinary Optimization Problem Formulation and Uncertainty Quantification Methods for Turbomachinery Blades and Blisks.”

Csathy, Gabor A; physics, from National Science Foundation, $130,000, “Electronic Many-Body States with Topological Order.”

Curtis, Susan; history, from George Washington Carver Fellowship, $21,394, “Webb, Naeemah A.”

Curtis, Susan; history, from Lynn Interdisciplinary Graduate Fellowship, $17,644, “Halliday, Aria Symone.”

Curtis, Susan; history, from Lynn Interdisciplinary Graduate Fellowship, $17,644, “Jimenez, Maria Daniela Z.”

Curtis, Susan; history, from George Washington Carver Fellowship, $21,394, “Young, Lisa.”

Curtis, Susan; history, from Lynn Interdisciplinary Graduate Fellowship, $17,644, “Wimble, Jeffrey Arthur.”

Cuza-Blanco, Alejandro; foreign language & literature, from Kinley Trust, $20,000, “The Effects of Dual Language Development on Children's Academic Growth.”

DasGupta, Anirban; statistics, from Elsevier Ltd, $155,156, "Executive Editor Agreement for Anirban DasGupta.”

Davies, Patricia; mechanical engineering, from Federal Aviation Administration, $25,000, “Project #25 Human Response - Sleep Disturbance.” (a Discovery Park award — Discovery Park Administration.)

Del Caro, Adrian; foreign language & literature, from Ross Graduate Fellowship-Assistantship, $17,644, “Bauwens, Nina.”

Del Caro, Adrian; foreign language & literature, from Purdue University F N Andrews Fellowship, $19,394, "Miller, Lauren Elizabeth.”

DeLaurentis, Daniel A; Bagchi, Saurabh and Heister, Stephen D; aeronautical & astronautical engineering, electrical & computer engineering, from Missile Defense Agency, $1,140,582, “An Agent-Based Concept for an Enhanced Command and Control, Battle Management, and Communications (C2BMC) Architecture; Option 2.”

Deng, Xinyan; mechanical engineering, from Air Force Office of Scientific Research, $149,204, "Flow Modulation and Force Control of Flapping Wings; Modification 1 for Grant 105391.”

Diefes-Dux, Heidi A; Brophy, Sean; Cardella, Monica E; Strobel, Johannes; Capobianco, Brenda M and Reed-Rhoads, Teri; engineering education, from National Science Foundation, $495,124, “R&D: Quality Cyber-Enabled, Engineering Education Professional Development to Support Teacher Change and Student Achievement; Amendment 4 for Grant 103372.”

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

Doerge, Rebecca W; statistics, from Winifred B. Bilsland Endowment, $19,394, “Barboza, Luis A.”

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

Doerge, Rebecca W; statistics, from Purdue Doctoral Program, $20,621, “Gautier, Hong.”

Doerge, Rebecca W; statistics, from George Washington Carver Fellowship, $21,394, “Barboza, Luis A.”

Dutta, Mohan J; liberal arts — administration, from Indiana Clinical & Translational Science Institute, $15,000, “Culture-Centered Heart Health Promotion Among African American Youth in Marion County.” (a Discovery Park award — Regenstrief Center for Healthcare Engineering)

Dutta, Mohan J; liberal arts — administration, from Indiana Minority Health Coalition, $10,000, "A Culture-Centered Approach to State of Health Disparities in Indiana." (a Discovery Park award — Regenstrief Center for Healthcare Engineering)

Dydk, Ulrike; health sciences, from Purdue University, $30,000, “3-D 31 P MRSI of Human Liver: A Spatially-Resolved Study of Normal & Malignant Tissue Response to Radiation Therapy.”

Ebert, David S; Collins, Timothy F; Delp, Edward J and Elmqvist, Lars Niklas E; engineering administration engineering experiment, electrical & computer engineering, from U.S. Department of Homeland Security, $1,450,000, “VACCINE: Visual Analytics for Command, Control and Interoperability Environments FY12 Funding.” (a Discovery Park award — Discovery Park Administration)

Ebert, David S; electrical & computer engineering, from U.S. Coast Guard, $8,111, “Coast Guard - Extension of Task Order HSCG84-12-Q-J0004.” (a Discovery Park award — Discovery Park Administration)

Elliott, Stephen J; technology — administration, from Lumidigm, $43,233, “Fingerprint Testing Data Collection.” (a Discovery Park award — Cyber Center)

Elmqvist, Lars Niklas E; electrical & computer engineering, from National Science Foundation, $19,766, “Workshop: Doctoral Colloquium at Institute of Electrical and Electronics Engineers (IEEE) VisWeek 2012.”
Engel, Bernard A; agricultural & biological engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Stewart, Emily.”

Esters, Levon T; youth development & agricultural education, from Ross Graduate Fellowship-Assistantship, $17,222, “Borden, Krystin R.”

Fanjoy, Richard O; aviation technology, from Chappelle, $16,170, “Cozza, Bradley.”

Fanjoy, Richard O; aviation technology, from Winifred B. Bilsland Endowment, $19,394, “Winter, Scott R.”

Fekete, Donna M; biological sciences, from National Organization Hearing Research Foundation, $100,000, “Rescuing a Congenital Form of Progressive Hearing Loss in Mice Using Viral Gene Transfer.”

Fentiman, Audeen W; engineering administration experiment, from U.S. Department of Energy, $5,000, “W Fullmar J Boguski, 09/10, C Brooks 10/11 Fellows — Cooperative Agreement to Host DOE Fellows and Scholars at Purdue University; Modification 3 for Grant 104006.”

Ferris, Virginia R; entomology, from Indiana Crop Improvement Association, $20,000, “Cyst Nematode Program.”

Ferruzzi, Mario; food science, from Purdue University F N Andrews Fellowship, $17,287, “Lipkie, Tristan.”

Ferruzzi, Mario; food science, from MH Zeigler & Sons LLC, $45,000, “Multi-Sponsored for On-Going Research.”

Ferruzzi, Mario; food science, from Purdue Doctoral Program, $17,287, “Allen, Jennifer L.”

Gilley, Timothy R; earth & atmospheric sciences, from Northwestern University, $100, “Northwestern Funds/Voluntary Support.”

Fisher, Timothy; mechanical engineering, from Purdue University F N Andrews Fellowship, $18,263, “Sadasivam, Sridhar.”

Fisher, Timothy; Murthy, Jayathi Y; Xu, Xianfan and Garimella, Suresh V; mechanical engineering, from Raytheon, $169,376, “Modification 8a to Grant 103834.” (A Discovery Park award — Birck Nanotechnology Center)

Flores, Joseph I; Education Opportunities Program — Calumet campus, from U.S. Department of Education, $546,000, “Purdue University (Calumet) Upward Bound Program.”

Foster, Kenneth A; agricultural economics, from Ross Graduate Fellowship-Assistantship, $17,287, “Lai, John.”

Foster, Kenneth A; agricultural economics, from Purdue University F N Andrews Fellowship, $17,287, “Byrd, Elizabeth.”

Foster, Kenneth A; agricultural economics, from Ross Graduate Fellowship-Assistantship, $17,287, “Stutzman, Sarah.”

Foster, Kenneth A; agricultural economics, from Winifred B. Bilsland Endowment, $9,697, “Sanders, Daniel.”

Foster, Kenneth A; agricultural economics, from Purdue University F N Andrews Fellowship, $17,287, “Dobis, Elizabeth.”

Frankel, Steven H; mechanical engineering, from Regal Beloit Manufacturing Corp, $55,774, “Computational Fluids Dynamics of Unsteady Blower Dynamics and Noise.”

Frankenberger, Jane R; agricultural & biological engineering, from Ross Graduate Fellowship-Assistantship, $48, “Hoover, Puschia-Ann.”

Frances, Elias I and Corti, David S; chemical engineering, from Hewlett Packard SBY PO Payment Request, $100,000, “Project Continuation Under Collaborative Research Agreement #CW267307- Stability of Colloidal Dispersions of Nanoparticles Against Sedimentation and Agglomeration.”

French, Doran C; child development & family studies, from Purdue University F N Andrews Fellowship, $17,287, “Hur, Jinhee.”

French, Doran C; child development & family studies, from Purdue Doctoral Program, $1,473, “Robinson, Chanele.”

French, Doran C; child development & family studies, from Purdue University F N Andrews Fellowship, $19,468, “Kwak, Yoon Young.”

French, Doran C; child development & family studies, from Purdue University F N Andrews Fellowship, $19,468, “Sanchez, Laura Yanett.”

Furnish, Virginia E; field extension educators, from Switzerland County Awareness Team, $650, “Project LEAD.”

Garfinkel, Arthur F; physics, from Argonne National Laboratory, $14,646, “Graduate Student Services: Laura Boon.”

Garrison, James L; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $13,600, “Workshop on Reflectometry Using Global Navigation Satellite System (GNSS) and Other Signals of Opportunity (GNSS+S+R).”


Gerber, Corey K; agronomy, from Multi-Sponsored Industrials, $3,300, “Diagnostic Training and Research Center - Pioneer Hybrid International, Inc.”

Gerber, Corey K; agronomy, from Multi-Sponsored Industrials, $412, “Diagnostic Training and Research Center - Pioneer Hybrid International, Inc. 2.”

Gerber, Corey K; agronomy, from Multi-Sponsored Industrials, $2,200, “Diagnostic Training and Research Center - Weaver Popcorn.”

Ghafoor, Arif; Aref, Walid G; Ebert, David S and Maciejewski, Ross L; electrical & computer engineering, computer science, from Defense Threat Reduction Agency, $311,096, “Development of a Real-Time Infectious Disease Surveillance and Response System for Pakistan; Amendment 2 for Grant 104688.” (A Discovery Park award — Discovery Park Administration.)

Gibb, Timothy J; entomology, from Syngenta Crop Protection Inc., $2,500, “Turfgrass Research.”

Giordano, Nicholas J; physics, from Ross Graduate Fellowship-Assistantship, $17,222, “Devault, Clayton.”

Giordano, Nicholas J; physics, from Purdue University F N Andrews Fellowship, $17,222, “Ding, Yijue.”

Giordano, Nicholas J; physics, from Purdue University F N Andrews Fellowship, $17,222, “Liang, Jingcheng.”

Giordano, Nicholas J; physics, from Purdue University F N Andrews Fellowship, $17,222, “Reuter, Cassie A.”

Giordano, Nicholas J; physics, from Purdue Doctoral Program, $126, “Ziama, Sannah.”

Giordano, Nicholas J; physics, from Purdue Doctoral Program, $537, “Zaib, Sanaah.”

Giordano, Nicholas J; physics, from Winifred B. Bilsland Endowment, $9,564, “Whitney, Daniel L.”

Gletsu-Miller, Nana A; foods & nutrition, from International Copper Association Ltd, $50,000, “Copper.”
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<td>“Participant Support for CyberBridges: Developing the Next Generation of Cyberinfrastructure Faculty for Computational and Data-Enabled Science and Engineering.”</td>
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Johnson, Keith D; agronomy, from Monsanto Company, $300, “Forage Research.”

Johnson, Keith D; agronomy, from Monsanto Company, $150, “Forage Research.”

Johnson, William G; botany & plant pathology, from DuPont Crop Protection, $6,000, “Weed Research.”

Johnson, William G; botany & plant pathology, from DuPont Crop Protection, $17,900, “Weed Research.”

Johnson, William G; botany & plant pathology, from Bayer CropScience LP, $7,000, “Bayer Weed Management Systems.”

Johnson, William G; botany & plant pathology, from Dow Agro Sciences, $10,000, “Dow Weed Management Systems.”

Johnson, William G; botany & plant pathology, from Dow Agro Sciences, $10,000, “Agrochemical and Seed Evaluation Agreement.”

Johnston, Cliff T; agronomy, from Multi-Sponsored Industrials, $5,400, “Multi-Sponsored.”

Jones, Yava L and Lacount, Douglas J; comparative pathobiology; medicinal chemistry & molecular pharmacology, from Showalter Trust, $74,995, “Selective Antagonism of v-ATPase to Treat Viral Infection.”

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 Modularization.”

Kalwani, Manohar U; management, from Purdue University F. N. Andrews Fellowship, $15,888, “Children, Jamie.”

Kaplan, Ian and Blubaugh, Carmen K; entomology, from University of Minnesota, $9,916, “Comparing the Effect of Spring & Fall Tillage on Larval Populations of a Beneficial Insect.”

Keener, Kevin M; food science, from Griffith Laboratories, $150, “Multi-Sponsored Gift.”

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

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

Kelly, Brian C; sociology, from PHS-NIH National Institute on Drug Abuse, $569,065, “Prescription Drug Abuse in Club Subcultures: Contexts & Risks.”

Kenttamaa, Hilkka I; chemistry, from Eastman Chemical Company, $6,000, “Owen, Benjamin — Eastman Summer Grant or Fellowship.”

Kenttamaa, Hilkka I; chemistry, from Neste Oil Oyj, $3,500, “Kenttamaa Voluntary Support.”

Key, Nicole L; mechanical engineering, from Rolls-Royce Corporation, $125,000, “Development of a Centrifugal Compressor Research Facility for Low Specific Speed Applications.”

Kihara, Daisuke; Park, Chwwook and Tao, Weiguo A; biological sciences, medicinal chemistry & molecular pharmacology, biochemistry, from PHS-NIH National Institute of General Medical Science, $280,954, “Identification of Protein-Metabolite Interactome.”

Kildishev, Alexander V; electrical & computer engineering, from Raytheon, $40,000, “Developing Model and Simulation Tools for Quantifying Control Over Spatial and Temporal Dispersion in Dielectric Metamaterial Layers.” (a Discovery Park award — Birch Nanotechnology Center)

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

Killian, Charles E; computer science, from National Science Foundation, $86,029, “Faculty Early Career Development (CAREER): Analyzing Distributed Systems Behavior Using Repeated Execution; Amendment 1 for Grant 105153.”

Kim, Chang H; comparative pathobiology, from Purdue University F. N. Andrews Fellowship, $17,287, “Gru, Bon-Hee.”

Klimeck, Gerhard; electrical & computer engineering, from Ruhr University Bochum, $12,075, “Graduate Student Support.”

Klimeck, Gerhard; electrical & computer engineering, from Ruhr University Bochum, $11,401, “Graduate Student Support.”

Kluender, Keith R and Alexander, Joshua M; speech, language & hearing science, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $223,084, “Contrast Enhancement to Improve Speech Recognition with Hearing Devices.”

Kluender, Keith R; speech, language & hearing science, from Knox, David M. Endowment, $19,394, “Dinh, Thao.”

Konieczny, Stephen F; biological sciences, from PHS-NIH National Cancer Institute, $300,006, “Kras-Induced Cellular Plasticity in Pancreatic Cancer.”

Krane, Matthew J; materials engineering, from Purdue Doctoral Program, $18,464, “Busch, Jonathan D.”

Kruczenski, Luis M; physics, from National Science Foundation, $88,434, “Faculty Early Career Development (CAREER): Understanding Gauge Theories through String Theory; Amendment 2 for Grant 104406.”

Krupke, Christian H; entomology, from Amvac Chemical Corporation, $14,000, “Krupke - Entomology - Research.”

Krupke, Christian H; entomology, from Pioneer Hi-Bred International, Inc., $300, “Amendment No.2 to 2012 University Corn Rootworm Dual Pyramid Efficacy and Yield Evaluation.”

Krupke, Christian H; entomology, from South Dakota State University, $30,000, “Soybean Aphid Management, Resistance, and Outreach in the North Central Region.”

Kuang, Shihuan and Shi, Riyi; animal sciences, basic medical science, from Showalter Trust, $75,000, “Bioactive Scaffolds for Highly Efficient Muscle Regeneration.”

Kuhn, Richard J; biological sciences, from Purdue University F N Andrews Fellowship, $1,001, “Hale, Vanessa Luming.”


Ladisch, Michael R and Mosier, Nathan S; agricultural & biological engineering, from Mascoma Corporation, $134,024, “Characterization of Biomass Materials.”

Laux, Chad; Homkes, Rick L; Keener, Kevin M; Dunlap, Duane D and Connolly, Patrick E; industrial technology, Kokomo Statewide Technology, food science, statewide technology administration, computer graphics technology, from National Science Foundation, $151,373, “Engineering Technology Pathways: The Food and Foodstuff Supply Chain; Amendment 2 for Grant 105582.”

Lechtenberg, Victor L; president, from Multi-Sponsored Industrials, $3,500, “Multi-Sponsored Account (Purdue Center for Regional Development [PCRD]).”

Lechtenberg, Victor L; president, from Multi-Sponsored Industrials, $3,500, “Multi-Sponsored Account (Purdue Center for Regional Development [PCRD]).”
Lechtenberg, Victor L: Office of Engagement, from Indiana Economic Development Corporation, $41,600, “Southeastern Small Business Development Center CY 2012 (Federal Carryover Funds).”

Lechtenberg, Victor L; president, from Multi-Sponsored Industrials, $4,500, “Multi-Sponsored Account (Purdue Center for Regional Development [PCRD]).”

Lechtenberg, Victor L; office of Engagement, from Multi-Sponsored Industrials, $20,000, “Support of Southeastern Small Business Development Center (SBDC).”

Lechtenberg, Victor L; Office of Engagement, from Multi-Sponsored Industrials, $4,100, “Multi-Sponsored Account (Purdue Center for Regional Development [PCRD]).”

Lechtenberg, Victor L; Office of Engagement, from Multi-Sponsored Industrials, $1,352, “Multi-Sponsored Account (Purdue Center for Regional Development [PCRD]).”

Lechtenberg, Victor L; Office of Engagement, from Multi-Sponsored Industrials, $3,000, “Multi-Sponsored Account (Purdue Center for Regional Development [PCRD]).”

Lee, Chun-Sing G; electrical & computer engineering, from Institute of Electrical Electronics Engineering, $10,000, “IROS.”

Lee, Linda S; agronomy, from Purdue University Special Initiative Program, $6,000, “Bilsland Strategic Initiatives S&E for 4 Awards.”

Lee, Linda S; agronomy, from Chappelle, $19,394, “Young, Landon G.”

Lee, Linda S; agronomy, from George Washington Carver Fellowship, $21,394, “Freeland, Patrick A.”

Lee, Linda S; agronomy, from Purdue University F N Andrews Fellowship, $17,287, “Brothers, Andrew A.”

Lee, Linda S; agronomy, from Knox, David M. Endowment, $19,394, “Wheeler, Mary Katherine.”

Lee, Linda S; agronomy, from Purdue University Special Initiative Program, $19,394, “Grady, Caitlin A.”

Lempert, Laszlo; mathematics, from Purdue University F N Andrews Fellowship, $17,287, “Zeller, Andrew.”

Lempert, Laszlo; mathematics, from Purdue University F N Andrews Fellowship, $17,287, “Spitler, Ryan.”

Lempert, Laszlo; mathematics, from Purdue Doctoral Program, $20,221, “Rice, Dominique.”

Lempert, Laszlo; mathematics, from Purdue Doctoral Program, $20,621, “Pengitore, Mark A.”

Lempert, Laszlo; mathematics, from Ross Graduate Research Assistantship, $17,287, “Dang, Tan.”

Leverenz, Larry J; health & kinesiology, from Winifred B. Bilsland Endowment, $3,224, “Dorsch, Travis E.”

Li, Kai Ming; engineering administration, from Federal Aviation Administration, $38,000, “The Convecrive Amplification Effects of Fast Moving Sources.”

Lifton, Nathaniel A; earth & atmospheric sciences, from Lynn Interdisciplinary Graduate Fellowship, $17,433, “Beel, Casey R.”

Litster, Annette L and Placer, Margaret; veterinary clinical science, from American Humane Association, $4,000, “Fellowship for M. Placer — Comparison of Safer Aggression Assessment Results in Shelter Dogs at Intake and After a 3-Day Acclimation Period.”

Liu, Chuanhai; statistics, from National Science Foundation, $40,199, “Collaborative Research: Prior-Free Probabilistic Inferential Methods for Large-P-Small-N Linear Regression Problems.”

Liu, Julie C; chemical engineering, from 3M General Offices, $15,000, “Engineering Protein Polymers with Tunable Material-Based Cues for Directing Science, Technology, Engineering & Mathematics (STEM) Cell Differentiation.”


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

Luo, Zhao-Qing; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $22,553, “The Roles of Host Factors in the AMPylation Activity of a Bacterial Effector.”

Luo, Zhao-Qing; biological sciences, from Winifred B. Bilsland Endowment, $9,564, “Tan, Yunhao.”

Lynam, Donald R; psychological science, from University of Kentucky Research Foundation, $25,147, “CDART- Center for Drug Abuse Research Translation.”


Lyutikov, Maxim Y; physics, from National Aeronautics and Space Administration, $89,332, “Dynamics and Emission Properties of Relativistic Magnetized Outflows: from Crab to GRBs.”

Ma, Jianxin; agronomy, from Agricultural Research Service, $18,900, “Profiling Gene Expression in Soybean Cotyledons.”

MacDermid Wadsworth, Shelley; child development & family studies, from Zero to Three, $9,750, “Evaluation of a Coming Together Around Veteran Families Training.”

MacDermid Wadsworth, Shelley; child development & family studies, from Zero to Three, $5,000, “Evaluation of E-Learning Modules.”

Malis, Oana; Manfra, Michael J and Zakharov, Dmitri N; physics, from National Science Foundation, $126,711, “Global Strain-Free III-Nitride Heterostructures: Growth, Structure and Near-Infrared Optical Properties.”

Dimensions of Discovery
Mann, Nancy K; dental education — Fort Wayne campus, from Indiana Campus Compact, $1,000, “Smiles for Success: Restoring Functional Dentition One Mouth at a Time.”

Marais, Karen; aeronautical & astronautical engineering, from Purdue Doctoral Program, $19,695, “Le, Tiffany.”

Marchand, Belinda G; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $50,000, “Constrained Two-Level Corrections for Autonomous Onboard Targeting.”

Marshall, Brandeis H; computer & information technology, from National Science Foundation, $9,900, “Broadening Participation in Data Mining.”

Marthakis, Nancy B; biological sciences — North Central Campus, from Indiana Campus Compact, $3,750, “ICC Senior Faculty Fellowship 2011-2012.”

Martin, Anthony M; vice chancellor/administrative services — Calumet campus, $4,000, “Students Holler Out Against Substance Abuse.”

Mauer, Lisa J; food science, from Purdue Doctoral Program, $13,314, “Marrs, Krystin.”

Mauer, Lisa J; food science, from Purdue Doctoral Program, $126, “Lipasek, Rebecca A.”

Mauer, Lisa J; food science, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Allan, Matthew.”

Maylath, Nancy S; student health center, from Indiana State Department of Health, $5,011, “Indiana Campus Sexual Assault Primary Prevention Project.”

McKee, Renee K; youth development & agricultural education, from Cooperative State Research Service, $128,000, “EUREKA (Education Underscores Rewards in Economic/Knowledge Attainment).”


Mengiste, Tesfaye D; botany & plant pathology, from National Science Foundation, $6,000, “Research Experience for Undergraduates (REU) Supplement/Histone Modifications and Mediator Complex in Plant Innate Immunity to Necrothrophic Fungi.”

Mesecar, Andrew D; biological sciences, from Vanderbilt University Medical Center, $39,485, “DMPK and in Vivo Studies of the Highly Selective Non-Covalent SARS Main Protease 3 CLpro Inhibitor ML188.”

Messick, Joanne B; comparative pathobiology, from Winifred B. Bilsland Endowment, $19,394, “Guimaraes, Ana.”

Mintert, James R; agriculture — administration, from Indiana State Department of Agriculture, $20,000, “Small Farm Conferences.”

Mintert, James R and Ballard, Roy W; agriculture — administration, field extension educators, from University of Minnesota, $32,750, “Indiana 2012 State Professional Development Program (PDP) Chapter 3 Program.”

Mintert, James R; field extension educators, from Indiana State Department of Agriculture, $50,000, “Hoop House.”

Mintert, James R and Ballard, Roy W; agriculture — administration, field extension educators, from University of Minnesota, $17,250, “Indiana 2012 State Professional Development Program (PDP) Chapter 1 Program.”

Mohler, James L; technology — administration, from Ross Graduate Fellowship-Assistanship, $17,222, “Chen, Guo.”

Mohler, James L; technology — administration, from Purdue University F N Andrews Fellowship, $17,222, “Liu, Zhiwei.”

Monteith, Margo J; psychological science, from National Science Foundation, $52,517, “Implicit Stereotyping and Prejudice: Strategies and Processes of Change; Amendment 4 for Grant 104546.”

Morgan, Mark T and Applegate, Bruce M; food science, from Millisecond Technologies, Corp, $47,594, “Microbial Efficacy Testing of an MST Pilot-Scale System for Milk Pasteurization.”

Mosier, Nathan S; agricultural & biological engineering, from Ross Graduate Fellowship-Assistanship, $18,255, “Clingenpeel, Shane.”

Mudawar, Issam; mechanical engineering, from National Aeronautics and Space Administration, $150,000, “Flow Boiling and Condensation Experiment (FBCE).”

Mullins, James L; library administration, from Council on Library and Information Resources, $77,400, “CLIR/DFL New Data Curation Fellowships.”

Mumford, Kevin; economics, from Purdue University, $8,000, “The Effect of Underwater Mortgages on Unemployment.”

Neumeister, Norbert; Bortoletto, Daniela; Hacker, Thomas J and Shipsey, Ian P; physics, computer & information technology, from Princeton University, $178,717, “U.S. Compact Muon Solenoid (CMS) Operations at LHC; Modification No. 1.”

Nielsen, S S; food science, from Purdue Doctoral Program, $17,287, “Ho, Kacie.”

Niyogi, Devdutta S; agronomy, from Debbie P & Louise a Cascardo, $300, “State Climatology.”

Nnanna, Agbai A; Purdue Calumet Water Institute, from Indiana Department of Environmental Management, $28,000, “Purdue Calumet Water Institute - Lake Michigan Water Resources Study.”

Oakes, William C; engineering education, from Multi-Sponsored Industrials, $494, “Engineering Projects in Community Service (EPICS).”

Ohland, Matthew W; engineering education, from National Science Foundation, $219,185, “Planning Grant: Developing a National Higher Education Student Unit Record Database.”

Ohm, Herbert W; agronomy, from Agricultural Research Service, $75,137, “Improvement of Soft Winter Wheat is Resistant to FHB and Adapted to Indiana.”

Okos, Martin R; agricultural & biological engineering, from Purdue University F N Andrews Fellowship, $18,263, “Bressani, Gina.”

Olek, Jan; civil engineering, from Indiana Department of Transportation, $17,000, “Investigation of Use of Slag Aggregates and slag Cements in Concrete Pavements to Reduce Their Maintenance Costs, SPR-3310.”

Oliver, Haley F; food science, from Purdue University F N Andrews Fellowship, $17,287, “Hammons, Susan R.”

Otto, Kevin J; biomedical engineering, from University of Wisconsin, $97,148, “Multiscale Bidirectional Neural Interfaces for Comprehensive Central Nervous System Interface Reliability Improvement.”

Dimensions of Discovery

Purdue University Sponsored Program Awards — June 2012

Ouyang, Zheng; Cooks, Robert G and Tao, Weiguo A; biomedical engineering, chemistry, biochemistry, from PHS-NIH National Center for Research Resource, $178,217, “Paper Spray Ionization Mass Spectrometry Device for Direct Analysis of Biofluid Samples.” (a Discovery Park award — Bindley Bioscience Center)

Panitch, Alyssa; biomedical engineering, from North Carolina State University, $46,396, “Understanding of Molecular Phenomena on Planar and Nanosized GaP Surfaces Under Different Environmental Conditions.”

Parashar, Neeti; chemistry and physics — Calumet campus, from National Science Foundation, $100,000, “Research in High Energy Physics on the Compact Muon Solenoid (CMS) Experiment.”

Patton, Aaron J; agronomy, from Midwest Regional Turf Foundation, $2,000, “Turfgrass Research.”

Patton, Aaron J; agronomy, from Midwest Regional Turf Foundation, $2,500, “MRTF Extension & Research.”

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

Pawley, Alice L; engineering education, from Purdue Doctoral Program, $19,468, “Phillips, Canek.”

Pawley, Alice L; engineering education, from Purdue Doctoral Program, $19,695, “Yatchmeneff, Michele.”

Pekarek, Steven D and Sudhoff, Scott D; electrical & computer engineering, from National Aeronautics and Space Administration, $39,999, “Design of Variable Flux Memory Motor Drives for Zero G Locomotion and 1 G Ambulation.”

Pekarek, Steven D; electrical & computer engineering, from Kohler Company, $22,000, “Kohler — Student Assistant”

Pelter, Libbie S; chemistry and physics — Calumet campus, from University of Nebraska-Lincoln, $20,889, “Catalytic Asymmetric Hydroboration.”

Peroulis, Dimitrios; electrical & computer engineering, from Raytheon, $80,000, “Advanced S-Band Tunable Filter Demonstration Engineering Services Support” (a Discovery Park award — Birck Nanotechnology Center)

Peroulis, Dimitrios; electrical & computer engineering, from Intelligent Automation Inc, $35,000, “High-Efficiency Dual Band Power Combiner and Power Amplifier.” (a Discovery Park award — Birck Nanotechnology Center)

Petersen, Nancy J; English, from Purdue Doctoral Program, $19,394, “Sanchez, Fernando.”

Petersen, Nancy J; English, from Purdue Doctoral Program, $19,394, “Delgado, Anthony Joseph.”

Petersen, Nancy J; English, from Purdue University F N Andrews Fellowship, $19,394, “Nail, Stacy O.”

Petersen, Nancy J; English, from Purdue University F N Andrews Fellowship, $19,468, “Nakawaki, Bryan Daniel.”

Petersen, Nancy J; English, from Purdue University F N Andrews Fellowship, $19,394, “Smith, Julia.”

Petersen, Nancy J; English, from Purdue Doctoral Program, $48, “Prince, Shannon.”

Petersen, Nancy J; English, from Winifred B. Bilsland Endowment, $8,064, “Eldam, Laura B.”

Petersen, Nancy J; English, from Purdue Doctoral Program, $19,394, “Layfield, Allison S.”

Pinal, Rodolfo; industrial & physical pharmacy, from Multi-Sponsored Industrials, $35,000, “Center for Pharmaceutical Processing Research Consortium.”

Pinal, Rodolfo; industrial & physical pharmacy, from Multi-Sponsored Industrials, $35,000, “Center for Pharmaceutical Processing Research Consortium.”

Pinal, Rodolfo; industrial & physical pharmacy, from Trask Trust Fund, $49,999, “Development of Novel Prefabricated Film Based Dosage Forms: Eye on Commercialization.”

Pipes, R Byron; materials engineering, from Purdue University F N Andrews Fellowship, $18,194, “Smith, Nicholas.”

Pogranichny, Roman M; Animal Disease Diagnostic Laboratory, from Elanco Animal Health, $15,500, “Approved Procedure on Materials Transfer from Purdue University to Elanco.”

Pouropt, Timothee L; aeronautical & astronautical engineering, from Industrial Technology Res Institute, $100,000, “Characterization of Heat and Mass Transport in Catalyzed Magnesium Hydroxide Hydrogen Storage Systems.”

Prabhakar, Sunil K; computer science, from Ross Graduate Fellowship-Assistantship, $17,222, “Yeh, Yo-Sing.”

Prabhakar, Sunil K; computer science, from Winifred B. Bilsland Endowment, $11,330, “Gangam, Sriharsha.”

Prabhakar, Sunil K; computer science, from Purdue University F N Andrews Fellowship, $17,222, “Zhang, Ning.”

Prabhakar, Sunil K; computer science, from Purdue University F N Andrews Fellowship, $17,222, “Gutierrez, Christopher N.”

Prabhakar, Sunil K; computer science, from George Washington Carver Fellowship, $21,394, “Pastrana Camacho, Pedro.”

Prabhakar, Sunil K; computer science, from Ross Graduate Fellowship-Assistantship, $17,222, “Chan, Ping Fai.”

Prabhakar, Sunil K; computer science, from Winifred B. Bilsland Endowment, $8,330, “Agnin, Pelin.”

Prabhakar, Sunil K; computer science, from Lynn Interdisciplinary Graduate Fellowship, $17,222, “Han, Yan.”

Prabhakar, Sunil K; computer science, from Purdue Doctoral Program, $20,144, “Avery, Jeffrey.”

Prabhakar, Sunil K; computer science, from Ross Graduate Fellowship-Assistantship, $17,222, “Reese, Josh.”

Purcell, Lindsey A; forestry & natural resources, from Indiana Department of Natural Resources, $3,480, “Municipal Tree Care.”

Quagrainie, Kwamena K and Dennis, Jennifer L; agricultural economics, from Oregon State University, $281,000, “Value Chain Analysis and Experimental Pond Unit Assessment in Ghana.”

Quagrainie, Kwamena K; Keener, Kevin M and Liceaga, Andrea M; agricultural economics, food science, from University of Illinois, $84,970, “Outreach and Education Programming in Aquaculture and Seafood Products in the Great Lakes Region, Amendment 2.”

Rainey, Katherine M; agronomy, from Indiana Soybean Alliance, $200,000, “Program Support for Soybean Breeder and Geneticist.”

Rainey, Katherine M and Casteel, Shaun N; agronomy, from Smithucklin Corp, $145,547, “Clarifying the Genetic Architecture of Components of Yield with SoyNam.”

Ramachandran, P V; chemistry, from Multi-Sponsored Industrials, $25,000, “Voluntary Support.”
Ramani, Karthik; mechanical engineering, from National Science Foundation, $50,000, “Zero-UI: Translation of Purdue Gesture-Based Creative Interaction Technologies into the Real World.”

Ratliff, Timothy L; Crist, Scott A; Liu, Xiaochan; and Snyder, Paul W; Cancer Research Center, comparative pathobiology, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $343,736, “Initiation and Regulation of Chronic Autoimmune Prostate Inflammation.”

Ratliff, Timothy L; comparative pathobiology, from Carroll County Cancer Association, $20,000, “Cancer Research.”

Rekaitis, Gintaras V; chemical engineering, from National Science Foundation, $1,983, “CDI-Type II: Cyber-Enabled Engineering of Pharmaceutical Products - Supplemental Funding Request (Conference Travel).”

Rescot, Robert A; mechanical engineering - Calumet campus, from Northwestern Indiana Regional Planning Commission, $250, “NWI Rail Vision Task Force.”

Rhoads, Jeffrey F; mechanical engineering, from Purdue University F N Andrews Fellowship, $21,550, “Woods, Daniel C.”

Richert, Brian T; animal sciences, from Fleischmanns Yeast Inc., $10,000, “Swine Research.”

Richert, Brian T; animal sciences, from Indiana Meat Packers & Processors Assn., $3,000, “Indiana Meat Packers.”

Roberts, Jeffrey T and Evans, Zephyria E; science — administration, from Abbott Laboratories, $10,000, “Multicultural Science Program ABC.”

Ross, Charles S; English, from Lynn Interdisciplinary Graduate Fellowship, $17,644, “ONeil, Monica Leah.”

Ross, Charles S; English, from Lynn Interdisciplinary Graduate Fellowship, $17,644, “Huang, Yingying.”

Rossmann, Michael G; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $48,845, “Structural Studies of Bacteriophage T4.”

Rossmann, Michael G; Chen, Jue and Kuhn, Richard J; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $684,798, “Structure and Function of Flaviviruses.”

Roy, Kaushik; electrical & computer engineering, from Qualcomm Incorporated, $55,000, “Spin Transfer Torque - Magnetic Random Access Memory (STT-MRAM) Research Engagement.”

Ruan, Xinlin; mechanical engineering, from Winifred B. Bilsland Endowment, $16,394, “Qiu, Bo.”

Rundell, Ann E; biomedical engineering, from Purdue University F N Andrews Fellowship, $21,550, “Bajaj, Nimisha.”

Sadeghi, Farshid; mechanical engineering, from Tecumseh Compressor Group, $12,500, “Trilobyte Lab Research.”

Sadeghi, Farshid; mechanical engineering, from Tecumseh Compressor Group, $25,000, “Trilobyte Lab Research.”

Saeedifar, Maryam; electrical & computer engineering, from Mathworks, $5,000, “Research and Development of LED Drivers for Solid State Lighting Systems.”

Saha, Shubin K; horticulture & landscape architecture, from Multi-Sponsored Industrialists, $1,250, “Multi Sponsored Gift Account.”


Sameh, Ahmed H; computer science, from Sandia National Laboratories, $46,952, “Support for Deaglan Halligan from Sandia National Labs.”

Sangid, Michael D; aeronautical & astronautical engineering, from Purdue University, $8,000, “Computational Process Modeling of Aerospace Components.”

Sangid, Michael D; aeronautical & astronautical engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Esquivel, Javier.”


Scharf, Michael E and Sethi, Amit; entomology, from Trask Trust Fund, $40,590, “Termite-Derived Biocatalysts for Use in Sustainable Energy Production.”

Schmidt, Edie K; technology — administration, from Purdue University F N Andrews Fellowship, $126, “Mozammel, Afsheen.”

Schmidt, Edie K; industrial technology, from Kimberly-Clark Corp., $9,870, “Kimberly Clark Research Project.”

Schneider, Steven P; aeronautical & astronautical engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Chynoweth, Brandon.”

Seipel, Justin E; mechanical engineering, from National Science Foundation, $50,000, “Making Loads Lighter: A Handle Suspension for the Prevention of Musculoskeletal Injury.”

Sepulveda, Maria S; forestry & natural resources, from Winifred B. Bilsland Endowment, $9,564, “Leet, Jessica K.”

Shaver, Gregory M; mechanical engineering, from Purdue University F N Andrews Fellowship, $18,263, “Vora, Ashish.”

Sherman, Louis A; biological sciences, from National Science Foundation, $21,300, “Indo US Workshop on Cyanobacteria: Molecular Networks to Biofuels.”

Shi, Riyi; basic medical science, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Tian, Ran.”

Shih, Tom I; aeronautical & astronautical engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Stratton, Zachary.”

Shih, Tom I; aeronautical & astronautical engineering, from Ross Graduate Fellowship-Assistantship, $18,263, “Good, Marissa.”

Shih, Tom I; aeronautical & astronautical engineering, from Purdue University F N Andrews Fellowship, $21,550, “Mugenda, Angela.”

Shih, Tom I; aeronautical & astronautical engineering, from Purdue Doctoral Program, $19,620, “Le, Leonardo.”

Shih, Tom I; aeronautical & astronautical engineering, from Purdue University F N Andrews Fellowship, $3,333, “Richard, Jerry D.”

Shin, Yung C; aeronautical & astronautical engineering, from Pfizer, $21,550, “Datta, Anurup.”

Siegmund, Thomas H; mechanical engineering, from Geomca LLC, $990, “Voluntary Support.”
Slamovich, Elliott B; materials engineering, from Ross Graduate Fellowship-Assistantship, $18,263, "Heiden, Michael."

Slamovich, Elliott B; materials engineering, from Ross Graduate Fellowship-Assistantship, $18,263, "Peng, Xiu-Feng."

Sloan, Mary Anne; technical assistance program, from Multi-Sponsored Industrials, $1,360, “Multi Sponsor Account I-HITEC.”

Sloan, Mary Anne; technical assistance program, from Indiana State Department of Health, $111,312, “State of Indiana: State-Wide Public Health Hazard Vulnerability Assessment and Analysis.”

Sloan, Mary Anne; technical assistance program, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Yang, Yi.”

Smith, Mjt; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Orellana, Esteban.”

Smith, Mjt; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Yang, Yi.”

Smith, Mjt; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Lee, Hyeonjeong.”

Smith, Mjt; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Mendes, Adriano.”

Smith, Mjt; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Page, Jessica.”

Smith, Mjt; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Teachey, Morgan.”

Smith, Mjt; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Zhan, Ross.”

Smith, Mjt; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Vega Alvarez, Sasha.”

Smith, Mjt; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $17,287, “Bolton, Scott.”

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

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

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

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

Smith, Richard S; food science, from Hindsdale Farms Ltd, $2,050, “Sensory Evaluation Research.”

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

Smith, Richard S; food science, from Hindsdale Farms Ltd, $4,000, “Sensory Evaluation Research.”

Smith, Richard S; food science, from Hindsdale Farms Ltd, $7,000, “Sensory Evaluation Research.”

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

Son, Steven F; mechanical engineering, from Purdue Doctoral Program, $19,468, “Mares, Jesus.”

Song, Xiaohui C and Bertoline, Gary R; academic technologies, college of technology - administration, from National Science Foundation, $707,260, “Science: TeraGrid Resource Partners.”

Spafford, Eugene H; computer science, from John Wiley & Sons Limited England, $2,500, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.”

Staiger, Christopher J; biological sciences, from National Science Foundation, $379,831, “Collaborative Proposal--Arabidopsis 2010: Dissecting Cortical Actin Function During Arabidopsis-Pseudomonas Interactions; Amendment 2.” (a Discovery Park award — Bindley Bioscience Center)

Steup, Matthias P; philosophy, from Ross Graduate Fellowship-Assistantship, $17,644, “D Amato, Claudio.”

Steup, Matthias P; philosophy, from Purdue Doctoral Program, $19,394, “Montoya, Tiffany Elise.”

Strachan, Alejandro H; materials engineering, from U.S. Department of Energy, $80,000, “Shape Memory in Nanoscale Metallic Alloys; Modification 5 for Grant 102835.”

Strobel, Johannes; engineering education, from Purdue Doctoral Program, $19,695, “Rynearson, Anastasia.”

Strobel, Johannes; engineering education, from Chaminade University of Honolulu, $43,170, “Technology Enhanced Sustainable Aina Project (TESAP).”

Sun, Chin-Teh; aeronautical & astronautical engineering, from NextGen Aeronautics, Inc, $139,500, “Purchase Order 10-17 Change Order #1 [Grant 105037].”

Sun, Chin-Teh; aeronautical & astronautical engineering, from Tuskegee University, $40,000, “Modeling of Nanocomposites; Amendment 4.”

Sypher, Howard E; communication, from Purdue Doctoral Program, $16,394, “King, Abigail Deborah.”

Sypher, Howard E; communication, from Ross Graduate Fellowship-Assistantship, $48, “Sturgess, Jessica Nicole.”

Sypher, Howard E; communication, from Puskar Memorial Fund, $20,894, “Maiorescu, Roxana.”

Sypher, Howard E; communication, from Purdue University F N Andrews Fellowship, $19,394, “Willoit, Elizabeth Dorthea.”

Sypher, Howard E; communication, from Purdue University F N Andrews Fellowship, $19,394, “McNallie, Jenna D.”

Talavage, Thomas M; electrical & computer engineering, from George Washington Carver Fellowship, $21,394, “Poole, Victoria.”

Taylor, Lynne S; industrial & physical pharmacy, from Anasys Instruments, $70,000, “New Biomedical Imaging Platform Based on Nanoscale IR Spectroscopy.”
Taylor, Lynne S; industrial & physical pharmacy, from Abbott Laboratories, $369,403, “Optimizing Amorphous Solid Dispersions through Modification of Solution Phase Behavior with Additives.”

Thomovsky, Elizabeth J; Johnson, Paula A and Moore, George E; veterinary clinical science, comparative pathobiology, from American Kennel Club Health Foundation, $6,258, “Diagnostic Accuracy of the Multistix 8sg Reagent Strip to Diagnose Bacterial Peritonitis in Dogs with Ascites.”

Useem, Bert; sociology, from George Washington Carver Fellowship, $21,394, “Connor, Tyrell Anthony.”

Useem, Bert; sociology, from Purdue Doctoral Program, $19,468, “Penn, Daphne Michelle.”

Useem, Bert; sociology, from Lynn Interdisciplinary Graduate Fellowship, $17,222, “Johnson, Kaitlin L.”

Vaccia, Andrea; agricultural & biological engineering, from Multi-Sponsored Industries, $1,525, “Multi Sponsored Gift.”

Vaccia, Andrea; agricultural & biological engineering, from Purdue University F N Andrews Fellowship, $21,550, “Opperwall, Timothy.”

Vemulapalli, Tracy H; comparative pathobiology, from Purdue University F N Andrews Fellowship, $17,287, “Cheng, Su-Yu-Jhe.”

Vitek, Olga; statistics, from Advanced Biotechnology, $9,317, “Voluntary Support.”

Volene, Jeffrey J; Brouder, Sylvie M; Chaubey, Indrajeet; Murphy, Patrick T; Orvis, Kathryn S; Ileleji, Klein; Carroll, Natalie J; Johnson, Keith D and Turco, Ronald F; agronomy, agricultural & biological engineering, youth development & agricultural education, from Iowa State University, $718,517, “Sustainable Production and Distribution of Bioenergy for the Central USA-Sustainability Budget.”

Vyn, Tony J; agronomy, from Fluid Fertilizer Foundation, $20,000, “Agricultural Cropping Systems.”


Vyn, Tony J; agronomy, from Monsanto Company, $80,000, “Corn Physiology Fund.”

Wassgren, Carl R; mechanical engineering, from Procter & Gamble Company, $50,000, “P and G Voluntary Support.”

Watts, Susan G; management, from Purdue University F N Andrews Fellowship, $17,222, “Lee, Kyung Yun.”


Weaver, Connie M; foods & nutrition, from Amgen, Inc, $170,238, “Regulation of Calcium Metabolism: Influence of RANKL Inhibition.”

Weaver, Connie M; McCabe, George P and Newcomer, Sean C; foods & nutrition, statistics, health & kinesiology, from Dairy Research Institute, $110,000, “Does High Calcium Exacerbate Atherosclerosis?”

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

Weaver, Kyle E; field extension educators, from Switzerland County Awareness Team, $500, “10th Grade Leadership Program.”

Weiner, Andrew M; electrical & computer engineering, from Naval Postgraduate School, $893,187, “Novel Ultrabroadband Photonic and Radio-Frequency Systems for Communications, Sensing and Countermeasures; Modification 4 for Grant 103743.”

Weiser, Irwin H; liberal arts — Administration, from Purdue Research Foundation (PRF) Summer Research Grants, $2,943, “2012 GS SRG — AMST.”

Weiss, William J; civil engineering, from Lafarge North America, $15,000, “Studies of Early Age Concrete.”

Weller, Stephen C; horticulture & landscape architecture, from Purdue University F N Andrews Fellowship, $17,287, “Croft, Marcia M.”

Whitford, Fred; botany & plant pathology, from Professional Landcare Network Inc, $300, “Purdue Pesticide Programs.”

Whitford, Fred; botany & plant pathology, from Professional Landcare Network Inc, $682, “Purdue Pesticide Programs.”

Wilbur, Ronnie B; speech, language & hearing science, from Lynn Interdisciplinary Graduate Fellowship, $17,644, “Law, Wai Ling.”

Wilbur, Ronnie B; speech, language & hearing science, from Lynn Interdisciplinary Graduate Fellowship, $17,644, “Zheng, Chun.”

Wild, Robert E; chemistry, from Winifred B. Bilsland Endowment, $20,888, “Prentice, Boone.”

Wild, Robert E; chemistry, from Purdue University F N Andrews Fellowship, $17,287, “Pilo, Alice L.”
Wild, Robert E; chemistry, from Ross Graduate Fellowship-Assistantship, $17,287, “Schmitt, Paul D.”

Wild, Robert E; chemistry, from Ross Graduate Fellowship-Assistantship, $17,287, “Sarkar, Anindya.”

Wild, Robert E; chemistry, from Ross Graduate Fellowship-Assistantship, $17,287, “Pearson, Kinsey R.”

Wild, Robert E; chemistry, from Ross Graduate Fellowship-Assistantship, $17,287, “Madson, Alex T.”

Wild, Robert E; chemistry, from Purdue University F N Andrews Fellowship, $17,287, “Day, Casey.”

Wild, Robert E; chemistry, from Purdue University F N Andrews Fellowship, $17,287, “Mazzotta, Michael G.”

Wild, Robert E; chemistry, from Purdue University F N Andrews Fellowship, $17,287, “Juddins, Eileen C.”

Wild, Robert E; chemistry, from Purdue University F N Andrews Fellowship, $17,287, “Huckabee, Alexis G.”

Wild, Robert E; chemistry, from Purdue University F N Andrews Fellowship, $17,287, “Li, Mo.”

Wild, Robert E; chemistry, from Purdue University F N Andrews Fellowship, $17,287, “Barefoot, Nathan Z.”

Wild, Robert E; chemistry, from Purdue University F N Andrews Fellowship, $17,287, “Sturtevant, Hannah.”

Wild, Robert E; chemistry, from Purdue University F N Andrews Fellowship, $17,287, “Mitsuhashi, Wataru.”

Wild, Robert E; chemistry, from Ross Graduate Fellowship-Assistantship, $17,287, “Peng, Zhou.”

Wilker, Jonathan J; chemistry, from National Science Foundation, $52,609, “3-D Metal Acetylide Chemistry.”

Williams, Rod N; forestry & natural resources, from Purdue Doctoral Program, $17,287, “Hernandez-Gomez, Obed.”


Wise, Kiersten A; botany & plant pathology, from Agricultural Research Service, $23,555, “Identifying Resistance to Charcoal Rot and Understanding the Role of Pathogen Variability in Disease Development in the North Central U.S.”


Wu, Yue and Ye, Peide; chemical engineering, electrical & computer engineering, from National Science Foundation, $250,000, “NSF EPSCoR: Heterogeneous Integration of Complex Metal Oxides in Molecular Scale Nanowires for Advanced Electronics.”

Xia, Jianlin; mathematics, from National Science Foundation, $22,300, “Efficient Structured Direct Solvers and Robust Structured Preconditioners or Large Linear Systems; Amendment 1 for Grant 105454.”

Xiu, Dongbin; mathematics, from Air Force Office of Scientific Research, $83,132, “Reliability-Based Design Optimization Algorithms for Reliable Complex Systems; Modification 1 for Grant 105655.”

Yang, Won Sik; nuclear engineering, from National Res Foundation of Korea, $43,653, “Study on Theory and Application of Cross Section Adjustment Methods.”

Yao, Bin; mechanical engineering, from Purdue University F N Andrews Fellowship, $18,263, “Gu, Yan.”

Youngblood, Jeffrey P; materials engineering, from Purdue University F N Andrews Fellowship, $18,194, “Steiner, Colton.”

Zavattieri, Pablo D; civil engineering, from University of California-Riverside, $78,798, “Uncovering and Validating Toughening Mechanisms in High Performance Composites.”

Zavattieri, Pablo D; civil engineering, from University of California-Riverside, $45,000, “Damage-Tolerant Biological Composites Derived from the Teeth of a Giant Chiton.”

Zheng, Wei; foods & nutrition, from Purdue Doctoral Program, $2,181, “Specht, Aaron J.”

Zheng, Wei; health sciences, from Columbia University, $66,190, “Environmental Epidemiology of Essential Tremor; Amendment 4.”


Ziaie, Babak; electrical & computer engineering, from Lilly (ELI) and Company, $50,000, “Energy Scavenging Schemes for Lilly Insulin Pens.” (a Discovery Park award — Birck Nanotechnology Center)


Zollner, Patrick A; forestry & natural resources, from Ross Graduate Fellowship-Assistantship, $17,287, “Cohen, Alexander J.”

Zollner, Patrick A; forestry & natural resources, from Purdue University F N Andrews Fellowship, $17,287, “Day, Casey C.”

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