Abbott, Angela R and Zott, Karen L: College of Consumer & Family Sciences, from Indiana Family and Social Services Administration, $5,048,854, “FNP 2009.”

Abbott, Angela R and Ferroli, Christina E: College of Consumer & Family Sciences, field extension educators, from CICOA, $100,000, “CICOA.”


Abu-Omar, Mahdi M: chemistry, from Purdue Research Foundation: XR Grant, $16,750, “Catalyst Design by Discovery Informatics.”

Ajuwon, Kolapo: animal sciences, from Danisco Animal Nutrition, $12,500, “Research Gift Funds.”

Aldridge, Linda R: field extension educators, from National 4-H Council, $2,500, “THURST Team Huntington County 4-H Robotics.”

Alexeenko, Alina: aeronautical & astronautical engineering, from Baxter Pharmaceuticals Solution LLC, $12,000, “Baxter Donation.”

Allebach, Jan P: electrical & computer engineering, from Hewlett Packard, $75,000, “Integrated Print Quality Evaluation.”


Applegate, Todd J: animal sciences, from Biomin America Inc., $2,000, “Pyhtase in Poultry.”

Avramova, Larisa V: Bindley Bioscience Center, from Antech Diagnostics, $30,673, “Scale Up Recombinant Protein Expression for the BioCD.” (a Discovery Park award — Bindley Bioscience Center)

Balakrishnan, Venkataramanan: electrical & computer engineering, from Purdue University F N Andrews Fellowship, $16,935, “Fellowship.”

Bauman, Thomas T: botany & plant pathology, from Bayer Cropscience LP (Environmental Science), $16,500, “Weed Research.”


Bayley, William G: chemistry, from Pioneer Regional School Corporation (Junior-Senior High School), $300, “Instrumentation Van Project.”

Bayley, William G: chemistry, from Elkhart Community Schools, $300, “Instrumentation Van Project.”


Beckerman, Janna L: botany & plant pathology, from Syngenta Crop Protection Inc., $6,500, “Indiana Arborists Association, Inc.”

Beckerman, Janna L: botany & plant pathology, from Indiana Professional Lawn & Landscape Association, $200, “Indiana Arborists Association, Inc.”

Bertoline, Gary R and Song, Xiaohui C: College of Technology—Administration, Rosen Center for Advanced Computing, from University of Chicago, $330,584, “TeraGrid GIG Purdue University Science Gateway.”

Bigelow, Cale A: agronomy, from Aquatrols Corporation of America, $1,000, “Putting Greens Research.”

Bigelow, Cale A: agronomy, from Becker Underwood, $3,600, “Putting Greens Research.”

Blatchley, Ernest R: civil engineering, from Hydroqual, Inc., $8,000, “Analysis of Flow Cyclometry Data.”

Borch, Richard F: medicinal chemistry & molecular pharmacology, from Winifred B. Bilsland Endowment, $9,468, “Fellowship.”


Borch, Richard F: medicinal chemistry & molecular pharmacology, from Winifred B. Bilsland Endowment, $9,468, “Fellowship.”

Braun, James E: mechanical engineering, from New Buildings Institute, $150,000, “Diagnostic Protocol Evaluator (Task 6.2).”


Brightman, Andrew O: biomedical engineering, from Indiana University Purdue University at Indianapolis, $17,021, “Joint MD PhD Program for Graduate Support.”

Buczkowski, Grzegorz A: entomology, from BASF Corporation, $5,000, “Multi Sponsored.”

Buzon, Michele R: anthropology, from National Geographic Society, $20,000, “A Bioarchaeological Investigation of Napatan State Development at the Third Cataract.”

Byrn, Stephen R: industrial & physical pharmacy, from Winifred B. Bilsland Endowment, $9,468, “Fellowship.”
Caffe, Marc W; physics, from Lower Colorado River Authority, $70,000, “Analytical Services on Water Samples.”


Chen, Weinong W; aeronautical & astronautical engineering, from Sandia National Laboratories, $30,000, “Extended Duration of Acceleration on a Kolsky Bar.”

Chen, Weinong W; aeronautical & astronautical engineering, from Army Research Office, $100,000, “Effects of Surface Treatment and Interfacial Strength on the Damage Propagation in Layered Transparent Armor Under Impact.”

Chen, Yong P; physics, from IBM, $30,000, “IBM Corporation.”

Clark, Jason V; electrical and computer engineering, from Carnegie-Mellon University, $104,746, “CDI - Type II: Building a Virtual Micro/Nanosystems Design Community.” (a Discovery Park award — Birck Nanotechnology Center)

Cooks, Robert G; chemistry, from Pfizer Inc., $100,000, “Evaluation of Ambient Ionization Mass Spectrometry Technologies for Real Time Reaction Monitoring” (a Discovery Park award — Bindley Bioscience Center)


Cooks, Robert G; chemistry, from Thermo Finnigan, $35,000, “Thermo Proposal 2009-2010.” (a Discovery Park award — Bindley Bioscience Center)

Cords, Samuel M; Office of Engagement, from Indiana Economic Development Corporation, $1,000, “Southeastern Small Business Development Center – Federal July-Dec 2009 – $1,000 Increase.”

De Hoop, Maarten V; mathematics, from ExxonMobil Upstream Research Company, $80,000, “Geo-Mathematical Imaging Group (GMIG) Consortium.”

Dietz, James E; computer and information technology, from 21st Century Systems Inc., $80,000, “Operational Support Concept for Intelligent Distributed Command and Control (IDC2).” (a Discovery Park award — Discovery Park Administration)

Donkin, Shawn S; animal sciences, from Cooperative State Research Service, $337,049, “Control of Pyruvate Carboxylase Promoter Function and Physiological Significance in Dairy Cattle.”

Doudareva, Natalia; horticulture & landscape architecture, from University of Kentucky, $54,404, “Advancing Drug Development in Medicinal Plants Using Transcriptomics and Metabolomics.”

Duchatelet, Martine; management—Calumet campus, from Indiana Small Business Development Center, $27,960, “Northwest Indiana Small Business Development Center 2009—Additional Funds.”

Duchatelet, Martine; management—Calumet campus, from Indiana Small Business Development Center, $3,000, “Northwest Indiana Small Business Development Center 2009.”

Dyke, Shirley J; mechanical engineering, from National Science Foundation, $111,164, “Workshop/Collaborative Research: Vision 2020: an Open Space Technology Workshop on the Future of Earthquake Engineering; St. Louis, Missouri; January 2010.” (a Discovery Park award — Cyber Center)

Egel, Daniel S; botany & plant pathology, from E.I. DuPont De Nemours and Company, $13,000, “Potassium Management.”

Egel, Daniel S; botany & plant pathology, from Michigan State University, $3,000, “Efficacy and Phytotoxicity of Acibenzolar and Other Compounds for the Control of Fusarium Wilt of Watermelon.”

Ericson, Karen L; chemistry—Fort Wayne campus, from Wyle Laboratories, $24,175, “Urine Pyridoxic Acid Analysis and Plasma/Serum Vitamin B6 Analyses.”

Ferruzzi, Mario; food science, from Mead Johnson Nutritional, $37,500, “Profile and Bioaccessibility of Phytonutrients from Human Milk.”

Field, William E; agricultural & biological engineering, from Alvin R or Ruth C Rasmusen, $30, “Breaking New Ground.”


Field, William E; agricultural & biological engineering, from Rodney or Susan Peterson, $80, “Breaking New Ground.”


Fleet, James C and Snyder, Paul W; foods & nutrition, comparative pathobiology, from American Institute for Cancer Research, $165,000, “Does Vitamin D Status Modulate Colon Cancer Driven by APC Allele Loss?”


Gibson, Kevin D; Ridgway, Kenneth D; Lewis, Dwight E; Rabenold, Kerry N; Smith, Mjt; Zollner, Patrick A and Zurn–Birkhimer, Suzanne M; botany & plant pathology, earth & atmospheric sciences, graduate school administration, biological sciences, forestry & natural resources, Discovery Learning Research Center, from Alfred P Sloan Foundation, $84,831, “Tecumseh Project: Purdue Program for Native Americans - a Proposal for a Partnership Between Purdue University and the Sloan Foundation.” (a Discovery Park award — Discovery Learning Research Center)

Gillespie, Andrew R; International Programs, from Shanghai Jiao Tong University, $43,278, “Summer Program in American Life and Culture for Students from China.”
Ishii, Mamoru; nuclear engineering, from Westinghouse Electric Corporation, $10,000, “Scaling Analysis of Air Entrapment in the Flow of an Emergency Core Cooling Suction.”

Ivantysynova, Monika; Frankel, Steven H; Lumkes, John H and Martini, Ashlie M; agricultural and biological engineering, from University of Minnesota, $512,178, “NSF Engineering Research Center (ERC) for Compact, Clean and Efficient Fluid Power Systems Amendment 7.” (a Discovery Park award — Energy Center)

Jackson, Scott A; agronomy, from Y-12 National Security Complex, $98,602, “Machining by Directed Lubrication Using Coated Cutting Tools Amendment 3.”

Johnson, William G; botany & plant pathology, from BASF Corporation, $9,600, “WEED Research.”


Keener, Kevin M; food science, from Air Liquide, $9,923, “Evaluation of In-Package Ozonation Treatment of Raw Chicken Meat in Modified Atmosphere Packaging (MAP).”

Kirkpatrick, Jane M; nursing, from Indiana Tobacco Use Prevention and Cessation Trust, $200,000, “Indiana Tobacco Prevention and Cessation Grant for Tippecanoe County.”

Kirkpatrick, Jane M; nursing, from PHSHRSA National Center for Health Services Research, $17,000, “Health Center Cluster.”

Klimeck, Gerhard; electrical & computer engineering, from Ruhr University Bochum, $9,090, “Graduate Student Support.”

Klimeck, Gerhard and McLennan, Michael J; electrical & computer engineering, Rosen Center for Advanced Computing, from Cornell University, $313,715, “A TeraGrid Matlab Cluster - Exploring New Services for an XD Future.” (a Discovery Park award — Network for Computational Nanotechnology)

Knapp, Deborah W; veterinary clinical science, from Michael O. Childress, $250, “Cancer Treatment Program.”

Lacount, Douglas J; medicinal chemistry & molecular pharmacology, from University of Notre Dame, $31,446, “Yeast Two-Hybrid Analysis of Plasmodium Falciparum (Year 3 of 5).”

Landry, Steven J; industrial engineering, from California State University–Long Beach, $75,000, “Metrics for Operator Situation Awareness, Workload, and Performance in Automated Separation Assurance Systems Amendment.”

Latin, Richard X; botany & plant pathology, from BASF Corporation, $6,300, “Turfgrass Disease Research.”

Latin, Richard X; botany & plant pathology, from BASF Corporation, $7,000, “Turfgrass Disease Research.”

Leverenz, Larry J; health & kinesiology, from University of Iowa, $16,254, “Perceived Social Support on Athletes Resilience Following Athletic Injury—Amendment 2.”

Li, Zhiyuan and Eigenmann, Rudolf; computer science, electrical & computer engineering, from Intel Corporation, $75,000, “Parallel Programming Model and Compiler Optimization Technology for Heterogeneous Multi-Core Architecture LRB.”

Lowe, Zachary E; forestry & natural resources, from BASF Corporation, $6,000, “Voluntary Support.”

Lynam, Donald R; psychological sciences, from University of Kentucky Research Foundation, $89,818, “Mediating Processes in the Personality Substance Use Relation.”

MacDermidWadsworth, Shelley and Posada, German E; College of Consumer & Family Sciences, child development & family studies, from Stottler Henke Associates, Inc., $17,500, “Absent Family Assisted Reading.”

Maier, Dirk E; agricultural & biological engineering, from Opisystems, $1,700, “Crop Drying Project.”

McCullough, Robert G; anthropology—Fort Wayne campus, from Indiana Department of Natural Resources, $17,490, “Archaeological Records Check and Phase 1a of Approximately 220 Acres at Prophetstown State Park in Tippecanoe County, Indiana.”

McCullough, Robert G; anthropology—Fort Wayne campus, from Indiana Department of Administration, $13,060, “Archeological Phase 1A Survey at the Seybold-Price House in Fountain City, Indiana.”

McGlothlin, James D; health sciences, from Oracle Technologies Inc., $5,000, “Ergonomics.”

McNamara, Kevin T; agricultural economics, from The Indiana National Guard, $802, “Indiana National Guard Ag Development Team Training.”
Mobley, Amy R; foods & nutrition, from Indiana State Department of Health, $95,213, "Indians Food for the Hungry."

Morgan, Mark T; food science, from Graco, Inc., $1,200, "EHEDG Cleanability Testing a Diaphragm Pump (Model 1590 SBBAA)."

Mudawar, Issam; mechanical engineering, from Office of Naval Research, $115,343, "Physics Based Modeling and Measurement of High-Flux Condensation Heat Transfer."

Murphy, Angus S; horticulture & landscape architecture, from University of Texas–Pan American, $94,800, "URM: Undergraduate Research and Mentoring at a Hispanic Serving Institution Investigating a Rare Ecosystem."

Nichols, Krista M; forestry & natural resources, from U.S. Fish and Wildlife Service, $4,316, "Ichthyophonous Prevalence in Kuskokwim River Chinook Salmon."

Novak, Julie C; Altman, Mary I and Sands, Laura P; nursing, from Helene Fuld Health Trust, $362,613, "Empowering Nurses Leaders through Healthcare Engineering Partnership Education."

Ohm, Herbert W; agronomy, from Agricultural Research Service, $2,500, "Soft Wheat Quality Lab Samples."

Olszewski, Lynn T; nursing–Calumet campus, from Indiana Minority Health Coalition, $1,875, "Partnership with Indiana Minority Health Care."


Owns, Phillip R; agronomy, from Natural Resources Conservation Service, $10,000, "Watershed Evaluation of LOESS Vaneer Benchmark Cantenas and MLRA 120."

Pak, William L; biological sciences, from Washington University, $82,128, "G Protein Subunit Function."

Park, Johnny and Kak, Avinash C; electrical & computer engineering, from Carnegie-Mellon University, $190,040, "Comprehensive Automation for Specialty Crops."

Peroulis, Dimitrios; electrical and computer engineering, from Microassembly Technologies Inc., $20,000, "Microassembly Technologies, Inc." (a Discovery Park award — Birck Nanotechnology Center)

Peroulis, Dimitrios; electrical and computer engineering, from Laserlith Corp, $30,000, "Laserlith." (a Discovery Park award — Birck Nanotechnology Center)

Plake, Kimberly S; pharmacy practice, from Winifred B. Billsland Endowment, $9,468, "Fellowship."

Podell, Rickey L; field extension educators, from St. Joseph County 4-H Fair, Inc., $857, "4-H Promotion Position 2009."

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

Raghothama, Kashchandra G; horticulture & landscape architecture, from McKnight Foundation, $36,000, "New Approach for Improving Phosphorous Acquisition and Aluminum Tolerance of Plants on Marginal Soils."

Rajwa, Bartlomiej P; Bindley Bioscience Center, from J M Malone and Son Inc., $5,066, "Ploidy Level Determination in Chinese Grass Carp Larvae Using Flow Cytometry." (a Discovery Park award — Bindley Bioscience Center)

Ramos, Julio A; Eigenmann, Rudolf; Brophy, Sean; Hacker, Thomas J; Pujol, Santiago; Bagchi, Saurabh; Malik, Tanu and Irfanoglu, Ayanan; civil engineering, electrical and computer engineering, engineering education, computer and information technology, the Cyber Center, from National Science Foundation, $8,185,907, "NEES Operations: FY 2010–FY2014." (a Discovery Park award — Cyber Center, Discovery Learning Research Center)

Raskin, Rose E; comparative pathobiology, from Antech Diagnostics, $900, "Immunocytochemistry Research."

Ratliff, Timothy L and Elzey, Bennett D; comparative pathobiology, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $325,050, "Initiation and Regulation of Chronic Autoimmune Prostate Inflammation."

Ratliff, Timothy L; comparative pathobiology, from Carroll County Cancer Association, $10,000, "Cancer Research."

Regnier, Fred E; chemistry, from Indiana University, $48,969, "MMRF Proteomics Initiative." (a Discovery Park award — Bindley Bioscience Center)

Reicher, Zachary J; agronomy, from FMC Corporation, $800, "Turfgrass Weed Management Research Programs."

Reicher, Zachary J; agronomy, from FMC Corporation, $13,200, "Turfgrass Weed Management Research Programs."

Reicher, Zachary J; agronomy, from FMC Corporation, $2,800, "Turfgrass Weed Management Research Programs."

Reicher, Zachary J; agronomy, from E.I. DuPont De Nemours and Company, $4,200, "Turfgrass Weed Management Research Programs."

Reklaitis, Gintaras V; Taylor, Lynne S; Litster, James D; Venkatasubramanian, Venkat and Wassgren, Carl R; chemical engineering, industrial & physical pharmacy, mechanical engineering, from Rutgers State University, $956,940, "Engineering Research Center on Structural Organic Composites."

Richmond, Douglas S; entomology, from Valent U.S.A. Corporation, $3,600, "Turfgrass Entomology Research."

Rivers, Robert; School of Education–Calumet campus, from Lakeshore Alliance for Student Success Inc., $76,577, "LASS Agreement Continuation."

Ropp, Timothy D; aviation technology, from USC Consulting Group, $9,787, "Hangar of the Future Electronic Maintenance Booth (E-Booth)."

Rossmann, Michael G; biological sciences, from Washington University, $92,700, "Antibody-Based Protection Against Dengue Virus."

Sadeghi, Farshid; mechanical engineering, from CACI International Inc., $800,000, "Disruptive MEM Sensors for Monitoring Aircraft Drive Trains."

Saha, Shubin K; horticulture & landscape architecture, from Carl Woodson Speir, $750, "Multi-Sponsored Gift Account."

Saha, Shubin K; horticulture & landscape architecture, from Sakata Seed America Inc., $250, "Multi-Sponsored Gift Account."

Saha, Shubin K; horticulture & landscape architecture, from United Genetics Seed Company, $500, "Multi-Sponsored Gift Account."
Schendel, Dan E; department of management, from Strategic Management Society, $2,203, “Strategic Management Society.”

Schneider, Steven P; aeronautical & astronautical engineering, from Sandia National Laboratories, $10,000, “Support Tunnel Operations and Perform Sandia Experiments.”

Schneider, Steven P; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $185,284, “Quantitative Global Heat Transfer in a Mach-6 Quiet Tunnel–Supplement 3.”

Schoenlein, William E and Van Alstine, William G; biomedical engineering, comparative pathobiology, from MED Institute, Incorporated, $30,198, “Vena Cava Filter Testing Grant No. 202922–Amendment 2.”

Schoenlein, William E and Van Alstine, William G; biomedical engineering, comparative pathobiology, from MED Institute, Incorporated, $30,198, “Vena Cava Filter Testing Grant No. 202922–Amendment 3.”

Shalaev, Vladimir M; Boltasseva, Alexandra and Narimanov, Evgeni E; electrical and computer engineering, from Duke University, $620,250, “Transformation Optical Metamaterials.”

Sherman, Louis A; biological sciences, from Washington University, $166,420, “Optimization of Carbon Sequestration by Cyanobacteria, an Oxygenic Photosynthetic Microorganism.”

Shi, Riji and Smith, Daniel T; basic medical science, industrial & physical pharmacy, from Indiana State Department of Health, $60,000, “Anti-Acrolein Treatment in a Live Animal Model of Science.”

Singleton, Timothy J; WBA, from Corporation for Public Broadcasting, $143,920, “Corporation for Public Broadcasting Radio Community Service Grant–Fiscal Year 2010.”

Sinha, Kumares C; civil engineering, from Flint Trading Inc., $2,000, “JTRP Supplementary Research Account.”

Sloan, Mary Anne; Technology Assistance Program, from Indiana State Department of Health, $50,500, “MLC-3.2 Attachment C.”

Sloan, Mary Anne; Technology Assistance Program, from Indiana State Department of Health, $176,500, “PHSIP-3–Amendment D.”

Smith, Richard S; food science, from Heartland Sweeteners, $9,400, “Sensory Evaluation Research.”


Snow, Lowell D; Technology Assistance Program, from Indiana University, $45,600, “Director of University Engagement for SW Indiana.”


Son, Steven F; mechanical engineering, from Pennsylvania State University, $200,000, “Novel Energetic Materials for Space Propulsion.”

Spafford, Eugene H; Bertino, Elisa; Bhargava, Bharat; Fahmy, Sonia A and Mislan, Richard P; CERIAS, computer science, from Northrop Grumman Space Technology, $500,000, “NGIT Cybersecurity Research Consortium.”

Stefancik, Jennifer L; field extension educators, from Daviess County Community Foundation, $1,000, “Strengthening Families through Parent Education.”

Stelteman, Ronald J; Energy Center, from Center for Coal Technology Research, $208,821, “Center for Coal Technology Research (CCTR) Proposal to Provide Indiana Coal Education and Outreach Programming through June 30, 2010.”

Talavage, Thomas M; electrical & computer engineering, from Cook Incorporated, $25,000, “Cook Support for MRI.”

Thompson, David H; chemistry, from University of Illinois at Chicago, $30,312, “Synthesis of NT-PEG Conjugates for Surface.”

Tomar, Vikas; aeronautical & astronautical engineering, from University of Notre Dame, $61,345, “Computer Aided Multi-Scale Design of SIC-Si3N4 Nanoceramic Composites for High-Temperature Structural Applications.”

Troy, Cary D and Hook, Tomas O; civil engineering, forestry and natural resources, from Indiana Department of Natural Resources, $99,117, “Current Fine-Scale Mapping of Nearshore Water Quality and Larval Fish Dynamics: Insights to Potential Climate Change Impacts on Fish Recruitment.”

Van Vleet, John F; School of Veterinary Medicine—Administration, from Medtronic, Inc., $2,038, “Corvascular Surgical Systems, Inc.”

Vemulapalli, Ramesh; comparative pathology, from PHS-NIH National Institute of Allergy and Infectious Diseases, $15,000, “Brucellosis Research Conference 2009.”

Venkatasubramanian, Venkat; chemical engineering, from Idaho National Laboratory, $75,000, “Methodologies for the Design, Analysis, and Validation for Operations of Complex Resilient Networks.”

Waltz, Robert D; Indiana State Chemist, from PHS-FDA Food and Drug Administration, $18,172, “FY 2010 FDA Feed Mill and BSE Inspection.”

Waltz, Robert D; biochemistry, from PHS-FDA Food and Drug Administration, $770, “FY 2010 FDA Feed Mill and BSE Inspection—Amendment 1.”

Waters, David J; veterinary clinical science, from Gerald P. Murphy Cancer Foundation, $5,000, “Activities that Support Research and Communication Efforts.”


Williams, Ralph E; entomology, from Fair Oaks Dairy Farm, LLC, $3,000, “Entomology Research.”

Wise, Kiersten A; botany & plant pathology, from Bayer CropScience LP (Environmental Science), $8,000, “Voluntary Support Account.”

Xu, Dongyan; computer science, from North Carolina State University, $90,131, “Towards High Assurance Active Introspection.”