Abbot to Bennett

Abbott, Angela R and Palmer, Laura A; agriculture – administration, health and human sciences, from Pennsylvania State University, $3,355, “CYEAR Coach.”

Adeola, Olayiwola; animal sciences, from Mytech Technology Co., Ltd, $98,000, “Response of Broiler Chickens to Graded Dietary Concentrations of Fortide.”

Adeola, Olayiwola; animal sciences, from Evonik Corporation, $43,000, “Swine & Poultry Research – Evonik.”

Aggarwal, Vaneet; industrial engineering, from AT&T Foundation, $20,000, “AT&T”


Aime, Mary C; botany & plant pathology, from National Science Foundation, $125,282, “CSBR: Natural History Collections: Essential Improvements for the Arthur Fungarium at Purdue University.”

Ajuwon, Kolapo; animal sciences, from AB Agri Limited, $20,000, “Swine Research.”

Alexeenko, Alina; aeronautical & astronautical engineering, from Allergan, Inc, $10,000, “Lyohub Consortium.”

Allan, Blake A; educational studies, from Kinley Trust, $20,000, “Moderators of Underemployment and Mental Health: A Longitudinal Study”

Anderson, Theresa M; Plaut, Karen I and Townsend, Jonathan R; animal sciences, agriculture – administration, veterinary clinical science, from National Institute of Food & Agriculture, $483,000, “Role of Circadian Timing System in Dry Period Mammary Development, Ketotic Index, and Milk Production in Transition Dairy Cattle.”

Anderson, William E; aeronautical & astronautical engineering, from University of Michigan, $154,466, “Multi-Fidelity Modeling of Rocket Combustor Dynamics.”


Ardekani, Arezoo M; mechanical engineering, from Ross Graduate Fellowship-Assistantship, $30,107, “Kumar, Manish.”

Arling, Gregory W and Abrahamson, Kathleen A; nursing, from University of Minnesota, $79,277, “Evaluation of Minnesota CCA Initiatives – Amendment to Subcontract.”

Armstrong, S D; English, from Ross Graduate Fellowship-Assistantship, $21,224, “Iacocca, Vanessa.”

Armstrong, S D; English, from Ross Graduate Fellowship-Assistantship, $21,224, “West, Brandon.”


Bailey, Regan K; Bhadra, Anindya and Eicher-Miller, Heather A; foods & nutrition, statistics, from PHS-NIH National Cancer Institute, $366,970, “Development of a Total Nutrient Index.”

Baributsa, Dieudonne; entomology, from Paige Ebner, $250, “PICS Voluntary Support.”

Bartlett, Edward L and Shi, Riya; biomedical engineering, basic medical science, from Indiana State Department of Health, $160,000, “Diagnostic and Mechanistic Assessment of Blast Injury and Auditory System Function Leading to Treatment Targets.”

Beaman, Jean M; sociology, from Kinley Trust, $20,000, “From Ferguson to France: Understanding Blaklivesmatter in France.”

Beaulieu, Lionel J; Track Express-Center for Regional Development, from University of Texas – Pan American, $9,500, “Multi-Sponsored Account (Purdue Center for Regional Development [PCRD]).”

Beaulieu, Lionel J; Track Express-Center for Regional Development, from U.S. Department of Agriculture, $2,000, “Multi-Sponsored Account (Purdue Center for Regional Development [PCRD]).”

Beaulieu, Lionel J; Office of Engagement, from University of North Alabama, $8,000, “Multi-Sponsored Account (Purdue Center for Regional Development [PCRD]).”

Beckerman, Janna L; botany & plant pathology, from BASF Corporation, $9,936, “BASF Fungicide Trial.”

Benjamin, Tamara J; Velasquez, Juan D and Stuart, Jeffrey J; horticulture & landscape architecture, engineering administration engineering experiment, entomology, from Foreign Agricultural Service, $102,050, “Gaining a Better Understanding of the Colombian Cacao Supply Chain.”

Bennett, Gary W; entomology, from Purdue Doctoral Program, $30,386, “Rodriques, Aaron.”
Bertino to Chandrasekar

Bertino, Elisa; computer science, from IBM, $80,151, “IBM DAISTTA.”

Bertino, Elisa; computer science, from Schlumberger Foundation, $1,200, “Schlumberger Foundation Faculty for the Future Program Fellowship for Shagufa Mehnaz (208534).”

Bertino, Elisa and Foreman, James C; Center for Education and Research in Information Assurance and Security (CERIAS), from Raytheon, $70,000, “Survey of Countermeasures in Mission Critical Systems.”

Bertolet, Rodney J; philosophy, from Winifred B. Bilsland Endowment, $19,224, “Fuqua, Jonathan.”

Bertolet, Rodney J; philosophy, from Purdue University F N Andrews Fellowship, $21,224, “Linford, Daniel.”

Bertolet, Rodney J; philosophy, from Purdue University F N Andrews Fellowship, $23,224, “Swan, Melanie.”

Bertolet, Rodney J; philosophy, from Purdue Doctoral Program, $25,224, “Perry, Donald.”

Bigelow, Caleb A; horticulture & landscape architecture, from Holganix, LLC, $2,000, “Putting Greens Research.”

Bofferding, Laura C; curriculum and instruction, from National Science Foundation, $23,740, “Faculty Early Career Development (CAREER): Leveraging Contrasting Cases to Explore Integer Understanding.”

Bofferding, Laura C; curriculum and instruction, from National Science Foundation, $139,618, “Faculty Early Career Development (CAREER): Leveraging Contrasting Cases to Explore Integer Understanding.”

Bolin, Jeffrey T; Executive Vice President for Research & Partnerships, from Purdue University, $24,778, “iCHEER: Institute for Continual Hub Education & Research.”

Bolin, Jeffrey T; Executive Vice President for Research & Partnerships, from Purdue Research Foundation, $10,400, “FY17-18 Summer Faculty Grants.”

Bolin, Jeffrey T; Executive Vice President for Research & Partnerships, from Purdue University, $25,136, “iCHEER: Institute for Continual Hub Education & Research.”

Bolin, Jeffrey T; Executive Vice President for Research & Partnerships, from Purdue University, $617, “16-17 EVPRP Laboratory & University Core Facilities Research Equipment Program.”

Boltasseva, Alexandra; electrical & computer engineering, from Air Force Office of Scientific Research, $15,000, “CMOS-Compatible Plasmonics for Hybrid Nanophotonic Circuits.” (a Discovery Park award – Birck Nanotechnology Center)

Bolton, J S; mechanical engineering, from Institute for Noise Control Engineering, $1,000, “INCE UG Student Project.”

Bouman, Charles A; electrical & computer engineering, from Lockheed Martin Corp., $40,000, “Attention Tracking and Anticipation.”

Bouman, Charles A; electrical & computer engineering, from Universal Technology Corporation, $12,000, “The Use of Physics Modeling for Fusion and Inversion of Image Data at Multiple Acquisition Resolutions; Amendment 2,” Grant 108456.

Brouder, Sylvie M; Valencic, Jeffrey J; Chaubey, Indrajeet and Turco, Ronald F; agronomy, agricultural & biological engineering, agriculture – administration, from National Institute of Food & Agriculture, $498,000, “Cover Cropping for Sustainable Co-Production of Bioenergy, Food, Feed (BFF) and Ecosystem Services (ES).”

Brush, Thomas H; management, from Ross Graduate Fellowship-Assistantship, $16,356, “Emery, Logan.”

Brush, Thomas H; management, from Ross Graduate Fellowship-Assistantship, $16,356, “Chen, Zhaojing.”

Bullock, Darcy M; civil engineering, from ITE Great Lakes District, $500, “Joint Transportation Research Program (JTRP) Supplementary Research Account.”

Cabot, Birgit and Hall, Mark C; animal sciences, biochemistry, from Showalter Trust, $73,480, “Chromatin Remodeling and Embryonic Origins of Adult Disease.”

Caffee, Marc W; physics, from National Science Foundation, $708,000, “Facility Support: Accelerator Mass Spectrometry at Prime Lab.”

Calve, Sarah; biomedical engineering, from PHS-NIH National Institute of Arthritis and Musculoskeletal and Skin Diseases, $19,421, “Bioorthogonal Labeling of Extracellular Matrix Assembly.”

Campanella, Osvaldo H; agricultural & biological engineering, from Winifred B. Bilsland Endowment, $10,724, “Fei, Xing.”

Campbell, Wayne W; foods & nutrition, from Winifred B. Bilsland Endowment, $21,188, “Wright, Christian.”


Cassens, Daniel L; forestry & natural resources, from Indiana Hardwood Lumbermens Assn., $1,556, “Multi Sponsored.”

Casteel, Shaun N; agronomy, from Agricultural Research Service, $17,999, “Evaluation of Yield, Disease Resistance and Quality Traits of Soybean Breeding Lines.”

Casteel, Shaun N; agronomy, from Tessenderlo Kerley Inc, $10,000, “Soybean Extension Research.”

Catlin, Ann C; Pujol, Santiago; Alam, Muhammad A; Sepulveda, Maria S and Weaver, Connor M; ITaP Research Computing, civil engineering, electrical & computer engineering, forestry & natural resources, foods & nutrition, from National Science Foundation, $3,456,281, “CIF21 DIBBs: EI: Creating a Digital Environment for Enabling Data-Driven Science (DEEDS).”


Chandrasekar, Srinivasan; Mann, James B; Viswanathan, Koushik; Bahr, David F and Trumble, Kevin P; industrial engineering, materials engineering, from Department of the Army, $129,031, “Large-Area Optical Surface Profilometry for Advanced Manufacturing and Materials Processing.”

Chandrasekar, Srinivasan; Sudhoff, Scott D and Trumble, Kevin P; industrial engineering, electrical & computer engineering, materials engineering, from U.S. Department of Energy, $1,320,000, “High-Silicon Steel Strip by Single-Step Shear Deformation Processing.”
Chang to Crossley

Chang, Fen-Lei F: medical education – Fort Wayne campus, from Indiana University, $20,000, “Fy18 Indiana University School of Medicine (IUSM)-Fort Wayne Dr. Leslie Hoffman Start-Up Fund.”

Chang, Fen-Lei F: medical education – Fort Wayne campus, from Indiana University, $24,763, “Fy17-18 Indiana University School of Medicine (IUSM)-Fort Wayne Student Activity Fund.”

Chang, Fen-Lei F: medical education – Fort Wayne campus, from Indiana University, $25,000, “FY 18 Indiana University School of Medicine (IUSM)-Fort Wayne Equipment Fund.”

Chang, Fen-Lei F: medical education – Fort Wayne campus, from Indiana University, $24,763, “Fy17-18 Indiana University School of Medicine (IUSM)-Fort Wayne Student Technology Fund.”

Chang, Fen-Lei F: medical education – Fort Wayne campus, from Indiana University, $25,000, “Fy18 Indiana University School of Medicine (IUSM)-Fort Wayne Program Development Fund.”

Chang, Fen-Lei F: medical education – Fort Wayne campus, from Indiana University, $10,000, “Fy2017-18 Cns Tissue Bank Fund.”

Chang, Fen-Lei F: medical education – Fort Wayne campus, from Indiana University, $110,000, “Fy17-18 Indiana University School of Medicine (IUSM)-Fort Wayne Host Campus Fees.”

Chang, Fen-Lei F: medical education – Fort Wayne campus, from Indiana University, $900,000, “Fy17-18 Indiana University School of Medicine (IUSM)-Fort Wayne General Fund.”

Chang, Fen-Lei F: medical education – Fort Wayne campus, from Indiana University, $10,000, “Fy17-18 Indiana University School of Medicine (IUSM)-Fort Wayne Life Cycle Fund.”

Chang, Fen-Lei F: medical education – Fort Wayne campus, from Indiana University, $25,000, “Fy18 Indiana University School of Medicine (IUSM)-Fort Wayne Research Fund.”

Chavas, Daniel R: earth & atmospheric sciences, from Purdue University F N Andrews Fellowship, $30,386, “Simmons, Shawn.”


Chen, Qingyan: mechanical engineering, from Purdue University F N Andrews Fellowship, $33,030, “Shi, Zhu.”

Chen, Qingyan: mechanical engineering, from Ross Graduate Fellowship-Assistanship, $29,244, “Baraya, Kalind.”

Chen, Qingyan: mechanical engineering, from Ross Graduate Fellowship-Assistanship, $30,107, “Lu, Zechao.”

Chen, Yan: mechanical engineering, from Winifred B. Billsland Endowment, $21,224, “You, Ruoyu.”

Chen, Yong P: electrical & computer engineering, from National Science Foundation, $210,000, “Collaborative Research: Strain Based Devices for Switches and Memory Applications.” (a Discovery Park award – Birck Nanotechnology Center)

Chen, Zhixiang: botany & plant pathology, from National Science Foundation, $185,971, “A Novel Selective Autophagy Pathway in Plant Immune Responses to Necrotrophic Pathogens.”


Choi, Jong Hyun and Mao, Chengde: mechanical engineering, chemistry, from Office of Naval Research, $149,439, “Toward Versatile Synthetic DNA Walkers.”

Chopra, Gaurav and Ratliff, Timothy L: Purdue Institute of Drug Discovery, Cancer Research Center, from Showalter Trust, $75,000, “Multi-Target Potent Synthetic Leads for Castration Resistant Prostate Cancer.”

Chopra, Gaurav: Cancer Research Center, from Purdue University, $30,000, “Differential Nuclear Hormone Receptor Modulators Combat Castration Resistant Prostate Cancer.”

Chubykin, Alexander A: biological sciences, from Showalter Trust, $75,000, “Theta Oscillations in Visual Cortex of Alzheimer’s Disease Mice.”

Clawson, Rosalee A: political science, from Winifred B. Billsland Endowment, $19,224, “Kulisza, Christopher.”

Cole, Connie S: health & human services – Fort Wayne campus, from National Family Plan & Reproductive Health Association, $1,000, “Indiana University-Purdue University Fort Wayne (IPFW) Lafayette Street Family Health Clinic.”


Connor, Robert J: civil engineering, from Indiana Department of Transportation, $240,000, “Steel Bridge Research, Inspection, Training and Education Engineering Center – S-Brite.”

Cook, Robert G; Thompson, David H; Barker, Eric L; Graema, Ananth V and Nagy, Zoltan: chemistry, medicinal chemistry & molecular pharmacology, computer science, chemical engineering, from Defense Advanced Research Projects Agency, $1,121,444, “Analytic-Directed Multi-Scale Synthesis System.” (a Discovery Park award – Bindley Bioscience Center)

Cook, Robert G: chemistry, from Eastman Chemical Company, $1,000, “Pfizer Analytical Chem Fellowship.”

Cooper, Harold K and Pike, Matthew D: anthropology, from National Science Foundation, $18,893, “Doctoral Dissertation Research: Northern Innovation: Modelling Copper Technologies.”


Crawford, Melba M: agronomy, from Purdue University F N Andrews Fellowship, $33,030, “Peng, Bo.”

Crossley, William A; Fanjoy, Richard O; Helie, Sebastien; Johnson, Mary E; Landry, Steven J and Wang, Hai Feng: aeronautical & astronautical engineering, aviation technology, psychological science, industrial engineering, from Federal Aviation Administration, $42,397, “Project #19: Center of Excellence Student Outreach.”

Crossley, William A; Fanjoy, Richard O; Helie, Sebastien; Johnson, Mary E; Landry, Steven J and Wang, Hai Feng: aeronautical & astronautical engineering, aviation technology, psychological science, industrial engineering, from Federal Aviation Administration, $42,397, “Project #19: Center of Excellence Student Outreach, Amendment 52; Grant 108314.”
Dimensions of Discovery

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Crossley to Finley

Crossley, William A; Fanjoy, Richard O; Helie, Sebastien; Johnson, Mary E; Landry, Steven J and Wang, Haifeng; aeronautical & astronautical engineering, aviation technology, psychological science, industrial engineering, from Federal Aviation Administration, $11,007, “Project #19: Center of Excellence Student Outreach, Amendment 53; Grant 108314.”

Dabiri, Sadegh; agricultural & biological engineering, from Purdue University F N Andrews Fellowship, $33,030, “Ganesh, Maathangi.”

Davis, Susan B; Office of Engagement, from Multi-Sponsored Industries, $10,000, “Hh Small Business Development Center (SBDC) Multi Sponsor Account (205027).”

Deemer, Eric D; educational studies, from National Science Foundation, $376,449, “Collaborative Research: Identity Development Evaluation of African American Students (IDEAAS): A Longitudinal Investigation.”

Deering, Amanda J; food science, from Clabber Girl, $400, “Multi Sponsored Gift Account.”

Deering, Amanda J; food science, from Madison Chemical Company Inc, $2,400, “Determination of the Antimicrobial Properties of Various Floor Powders on Stainless Steel Surfaces.”

Deering, Amanda J and Maynard, Elizabeth T; food science, horticulture & landscape architecture, from Iowa State University, $8,000, “Strategy for Successful Implementation of FSMA in the North Central Region through Adoption of a Systems Approach and Stakeholder Engagement Framework; Amendment 1, (Grant 108390).”

Deering, Amanda J; food science, from Indiana State Department of Health, $100,000, “State & Territory Cooperative Agreement to Enhance Produce Safety in Preparation of Implementation of FDAs Rule; Amendment 1, Grant 209527.”

DeLaurentis, Daniel A; Grant, Michael J and Schneider, Steven P; aeronautical & astronautical engineering, from Science Applications International, $105,000, “TI-04 Conventional Prompt Strike (CPS) – Modification #2.”

DeLaurentis, Daniel A; Grant, Michael J and Schneider, Steven P; aeronautical & astronautical engineering, from Science Applications International, $14,000, “TI-04 Conventional Prompt Strike (CPS).”

Delp, Edward J; electrical & computer engineering, from Curtin University of Technology, $3,378, “Computer-Tailoring Using the TADA Software Tools.”


DeWoody, James A; forestry & natural resources, from Texas A&M University, $7,500, “Montezuma Quail Genomics.”

Diaz De La Rubia, Tomas J; Executive Vice President for Research & Partnerships, from Indiana Economic Development Corporation, $250,000, “Transportation Research and Development District Study.”

Doerge, Rebecca W; statistics, from Purdue Doctoral Program, $14,230, “Gonzalez, Tracy B.”

Dyadak, Ulrike; health sciences, from PHS-NIH National Institute of Environment Health Science, $43,576, “Multimodal Neuroimaging Approaches to Modeling Manganese Toxicity.”

Edwards, Nancy E; Foli, Karen J; Ross, Karla C and McComb, Sara A; nursing, from PHS-Hrsa National Center for Health Servs Res, $685,922, “Advanced Nursing Workforce Education.”

El-Azab, Anter A; materials engineering, from Bechtel Bettis, Inc., $112,701, “Continuum Dislocation Dynamics Simulations of Austenitic Stainless Steel Under Cyclic Loading.”

Elliott, Julie L; earth & atmospheric sciences, from National Science Foundation, $39,906, “Geodec Characterization of the Easternmost Alaska Subduction Zone.”


Engel, Bernard A; agricultural & biological engineering, from Winifred B. Bilsland Endowment, $21,224, “Chen, Jingqiu.”

Erk, Kendra A; Oliver, Haley F and Martinez, Carlos J; materials engineering, food science, from Showalter Trust, $71,520, “Optimization of Organic Antimicrobial Nanoemulsions for Increased Beverage Shelf-Life.”

Farkas, Brian E; food science, from Gehr Food, $4,000, “Pilot Plant Multi-Sponsored Gift.”

Farkas, Brian E; food science, from Holic LLC, $400, “Pilot Plant Multi-Sponsored Gift.”

Farkas, Brian E; food science, from Fulfill Food & Beverages LLC, $1,000, “Pilot Plant Multi-Sponsored Gift.”

Farkas, Brian E; food science, from Conagra Food Ingredients Co., $8,000, “Pilot Plant Multi-Sponsored Gift.”

Fentiman, Audeen W; engineering education, from Winifred B. Bilsland Endowment, $20,188, “Ramirez, Nichole.”

Fernandez-Junrícic, Esteban and Lucas, Jeffrey R; biological sciences, from U.S. Department of Energy, $300,000, “Understanding the Golden Eagle Sensory World to Enhance Detection and Response to Wind Turbines.”

Ferraro, Kenneth F; sociology, from Ross Graduate Fellowship-Assistantship, $23,209, “Bruster, Laura-Elizabeth.”


Figueiredo, Marxa L; basic medical science, from PHS-NIH National Cancer Institute, $35,065, “Disrupting Tumor/Bone Malignant Interactions with Multifunctional Cytokine Sonodelivery.”

Finley, John P; physics, from Ross Graduate Fellowship-Assistantship, $19,044, “Chen, Yu-Hsin.”

Finley, John P; physics, from Purdue University F N Andrews Fellowship, $19,044, “Wang, Yuchen.”

Finley, John P; physics, from Winifred B. Bilsland Endowment, $11,751, “He, Yifei.”

Finley, John P; physics, from Winifred B. Bilsland Endowment, $11,715, “Varennes, Julien.”

Finley, John P; physics, from Ross Graduate Fellowship-Assistantship, $19,044, “Saha, Soutick.”

Finley, John P; physics, from Purdue University F N Andrews Fellowship, $18,523, “Lyu, Changyuan.”
Flaherty to Granger

Flaherty, Elizabeth A and Creighton, John C; forestry & natural resources, biological sciences – Calumet campus, from Nantucket Biodiversity Initiative, $1,044, “Evaluating the Carrion Base of Burring Beetle Communities on Nantucket Island Using Stable Isotopes.”

Foster, Kenneth A; agricultural economics, from Ross Graduate Fellowship-Assistanship, $28,586, “Opgrad, Jeffrey.”

Frankenberger, Jane R; agricultural & biological engineering, from Winifred B. Billsland Endowment, $21,224, “Saadat, Samaneh.”

Freed, Andrew M; earth & atmospheric sciences, from National Science Foundation, $124,087, “Collaborative Research: Multi-Scale Models of Subduction Zone Earth-Quake Cycle Observations.”

French, Doran C; child development & family studies, from Winifred B. Billsland Endowment, $21,824, “Marshall, Mary.”

Frisbee, Marty D; earth & atmospheric sciences, from David M. Knox Endowment, $21,224, “Slick, Derrrick.”


Garcia, R Edwin; materials engineering, from Applied Materials, $70,000, “Garcia – Applied Material.”

Garimella, Suresh V; mechanical engineering, from Purdue University, $29,526, “Fy16-17 NIH New R01 Program.”

Garimella, Suresh V; Executive Vice President for Research & Partnerships, from Eli Lilly and Company, $2,000,000, “Lilly Plan Partnerships, from Eli Lilly and Company, $2,000,000, “Lilly Plan Partnerships.”

Garimella, Suresh V; mechanical engineering, from AavidThermalloy, $7,500, “Cooling Technologies Research Center (CTRC) Membership – Memo Match for 106029.”

Garimella, Suresh V; mechanical engineering, from AavidThermalloy, $7,500, “Cooling Technologies Research Center (CTRC) Membership – Memo Match for 106029.”

Gelvin, Stanton B; biological sciences, from Tuskegee University, $90,000, “Exploring Next Generation Sweetpotato Breeding with CRISPR Associated Proteins.”

Gelvin, Stanton B and Lee, Lan-Ying; biological sciences, from National Science Foundation, $1,467,146, “TRANSFORM-PGR: Manipulating Agrobacterium-Mediated Transformation and T-DNA Integration for Plant Synthetic Biology and Genome Engineering.”

Gentry, Marcia L; Hontani, Yukiko; Paul, Kristina and Richardson, Jennifer C; educational studies, curriculum and instruction, from U.S. Department of Education, $494,519, “Developing Talents and Improving Student Achievement Among Traditionally Underrepresented Populations.”

Gentry, Marcia L; educational studies, from Jack Kent Cooke Foundation, $50,000, “Equity of Student Populations Identified as Gifted by Race, Rurality, Income, and Ell Status Across the United States and by State: An Analysis of the Office of Civil Rights Data from 2000 to Present.”

Gepner, David J; mathematics, from National Science Foundation, $185,376, “Derived Geometry, Elliptic Cohomology, and Loop Stacks.”

Gerber, Corey K; agronomy, from Co-Alliance, $2,350, “Crop Diagnostic Training and Research Center.”

Gerber, Corey K; agronomy, from Indiana Certified Crop Advisors, $4,688, “Crop Diagnostic Training and Research Center.”


Gerber, Corey K; agronomy, from Indiana Seed Trade Association, $3,750, “Crop Diagnostic Training and Research Center.”

Gerber, Corey K; agronomy, from Pioneer Hi-Bred International, Inc., $1,875, “Crop Diagnostic Training and Research Center.”

Gibson, Kevin D; botany & plant pathology, from Indiana State Department of Agriculture, $750, “Reimbursement for New or Continuing Organic Certification.”

Ginzel, Matthew D; entomology, from U.S. Forest Service, $53,945, “Scolytine Beetles Colonizing TCD Symptomatic Jugulars Nigra.”

Gitau, Margaret W; agricultural & biological engineering, from Winifred B. Billsland Endowment, $21,224, “Meahan, Sushant.”


Gleich, David F; computer science, from Stanford University, $32,619, “Miner: Multimodal Networks: a General Representational Language Applied to Bio-Medical Hypothesis Generation and Validation, Amendment 8; (Grant 107796).”

Gletsu-Miller, Nana A; Ajuwon, Kolapo and Delp, Edward J; foods & nutrition, animal sciences, electrical & computer engineering, from Showalter Trust, $75,000, “Translational Studies on the Effects of Dietary Fats on Glycemia and Insulin Action.”

Gletsu-Miller, Nana A; foods & nutrition, from Matthews, Destiny, $391, “Nana Gletsu-Miller.”

Goins, Edray H and Peterson, Jonathon R; mathematics, from National Science Foundation, $76,987, “Research Experience for Undergraduates (REU) Site: Purdue Research in Mathematics Experience (PRIME).”

Goni Cortes, Joaquin; industrial engineering, from Indiana University, $9,068, “An Integrative Bioinformatics Framework for Human Brain Genomics and Connectomics, Amendment 2; Grant 108624.”

Goni Cortes, Joaquin; industrial engineering, from Indiana University, $81,609, “An Integrative Bioinformatics Framework for Human Brain Genomics and Connectomics; Amendment 1; Grant 108624.”

Gonzalez, Marcial and Pai, Dhananjay A; mechanical engineering, from Bridgestone/Firestone, Inc., $1,450, “Compression Testing of Viscomax Memory Foam.”

Gore, Jay P; mechanical engineering, from Purdue Doctoral Program, $33,030, “Deneke, Elihu.”

Gowher, Humaira; biochemistry, from American Heart Association, $231,000, “Control of Antiangiogenic Gene Expression by Vezf1-Mediated Pol II Pausing.”

Granger, Darryl E; earth & atmospheric sciences, from National Science Foundation, $154,393, “Dating the Cenozoic Incision History of the Tennessee and Shenandoah Rivers with Cosmogenic Nuclides and 40Ar/39Ar in Manganese Oxides.”
Gray to Holford

Gray, Nicholas W; diversity and multicultural affairs – Fort Wayne campus, from U.S. Department of Education, $257,500, “Indiana University-Purdue University Fort Wayne (IPFW) Upward Bound I.”

Gray, Nicholas W; diversity and multicultural affairs – Fort Wayne campus, from U.S. Department of Education, $257,500, “Indiana University-Purdue University Fort Wayne (IPFW) Upward Bound II.”

Groll, Eckhard A and Weibel, Justin A: mechanical engineering, from Oak Ridge National Laboratory, $82,206, “Advanced Manufacturing of a Linear Compressor for Isothermal-Compression.”

Gruenbaum, Ellen R; anthropology, from Ross Graduate Fellowship-Assistantship, $21,224, “Tuller, Sydney.”

Gruenbaum, Ellen R; anthropology, from Ross Graduate Fellowship-Assistantship, $21,224, “Nava, Stephanie.”

Guan, Wenjing; horticulture & landscape architecture, from United Agriseeds, $350, “Chris Gunter General Research Activities.”

Guan, Wenjing; horticulture & landscape architecture, from Valen U.S.A. Corporation, $7,000, “Chris Gunter General Research Activities.”

Guptill-Yoran, Carolyn F; veterinary clinical science, from Morris Animal Foundation, $5,000, “Innovative Approaches to the Treatment of Bartnella Infections.”

Guzey, Siddika; Clase, Kari L; Menekse, Muhsin and Bryan, Lynn A; curriculum and instruction, industrial technology, engineering education, from National Science Foundation, $901,341, “LifeSTEM: The Integration of Engineering Design and Life Science: Investigating the Influence of an Intervention on Student Interest and Motivation in Science, Technology, Engineering & Mathematics (STEM) Fields.”

Habib, Ayman F; civil engineering, from Ross Graduate Fellowship-Assistantship, $31,599, “Ayman Habib.”

Haddock, John E; civil engineering, from Ross Graduate Fellowship-Assistantship, $28,792, “Montgomery, Sharlan.”

Hall, Mark C; biochemistry, from Summer Science Program, $5,500, “Summer Science Program.”

Halum, Stacey L and Harbin, Sherry L: speech, language & hearing sciences, basic medical science, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $430,922, “Muscle Progenitor Cell-Based Implants for Dynamic Laryngeal Muscle Reconstruction.”

Hamerker, Bruce R; food science, from Ross Graduate Fellowship-Assistantship, $33,114, “Jackson, Rachel.”

Hamilton, Roy L and Beamon, Yolanda H; Education Opportunities Program – Calumet campus, from U.S. Department of Education, $562,380, “Purdue University Northwest Upward Bound Program.”

Harris, Jason T; health sciences, from Colorado State University, $1,000, “Radiation Protection Research Needs Workshop – Enhancing Radiation Protection Education and Research Between Colorado State University and Purdue University.”

Harshvardhan, Anand; WBAA, from Winifred B. Bilsland Endowment, $11,224, “Dow Agro Sciences (DAS), Sampa.”

Hartman, Nathan W; computer graphics technology, from Rockwell Collins, $50,000, “Product Lifecycle Management Center of Excellence (PLM)”

Heeg, Marlene O; pharmacy – administration, from Sanofi-Aventis, $175,000, “Managing Type 2 Diabetes: the Role of Insulin.”

Heeg, Marlene O; pharmacy – administration, from Ucb, Inc., $30,000, “In Pursuit of a Moving Target: Optimizing Outcomes in All Patients with Crohns Disease.”

Heeg, Marlene O; pharmacy – administration, from Allergan, Inc, $479,486, “2017 GiHF IBS Prime CME/CE Educational Initiative.”

Heeg, Marlene O; pharmacy – administration, from Pfizer Inc, $182,140, “Title Demystifying Biosimilars for the US-Based Medical, Pharmacy and Formulary Directors.”

Henry, Madeleine M; foreign language & literature, from Ross Graduate Fellowship-Assistantship, $21,224, “Morita, Yumiko.”

Henry, Madeleine M; foreign language & literature, from Winifred B. Bilsland Endowment, $19,224, “Hakobyan, Liama.”

Henry, Madeleine M; foreign language & literature, from Purdue University F N Andrews Fellowship, $19,425, “Kang, Minji.”

Hertel, Thomas W; agricultural economics, from Thunen Institute of Market Analysis, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from World Bank, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from University of Hohenheim, $20,415, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from Agricultural Economics Res. Institute, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from Massachusetts Institute of Technology, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from OECD Development Center, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”

Hertel, Thomas W; agricultural economics, from Economic and Social Research Institute, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”

Hirst, Peter M; horticulture & landscape architecture, from Winifred B. Bilsland Endowment, $20,189, “Elsysy Mokles, Ahmed Mokles.”

Hoguenesch, Harm: veterinary medicine – administration, from National Science Foundation, $50,000, “Novel Alpha-D-Glucan Nanoparticles for Vaccines.”

Holford, Kenneth C; engineering, math & science – Calumet campus, from U.S. Forest Service, $81,868, “Urban Waters Partnership in Northwest Indiana.”
Hook to Kissinger

Hook, Tomas O and Archer, Angela S; Illinois-Indiana Sea Grant Program, from University of Illinois at Champaign-Urbana, $7,000, “2014-2018 IL in Sea Grant Omnibus.”

Hook, Tomas O and Archer, Angela S; Illinois-Indiana Sea Grant Program, from University of Illinois at Champaign-Urbana, $5,862, “2014-2018 IL in Sea Grant Omnibus – Omnibus Salary Supplement.”

Horgan, Briony H; earth & atmospheric sciences, from Lowell Observatory, $10,524, “Determining the Distribution of Martian Chlorine Salts; Amendment 1, Grant 108432.”

Howell, Kathleen; aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $30,000, “Targeting, Guidance and Proximity Operations Near Small Bodies and Complex Multi-Body Regimes.”

Hu, Changdeng; medicinal chemistry & molecular pharmacology, from PHS-NIH National Cancer Institute, $547,569, “Role and Targeting of PRMT5 in Prostate Cancer.”


Hudmon, Karen S; pharmacy practice, from National Institutes of Health, $314,264, “Standardized Patients to Assess Competency in Tobacco Cessation Counseling.”


Hurt, R D; history, from Ross Graduate Fellowship-Assistantship, $21,224, “Walkama, Annalise.”


Illeleji, Klein; agricultural & biological engineering, from Foreign Agricultural Service, $131,138, “Technical Support to the Nigeria Capacity Building Program on Stored Commodities.”

Irazoqui, Pedro; biomedical engineering, from Bionode LLC, $10,000, “Fabrication of Ocular Stimulators.”

Irфан oglu, Ayhan; civil engineering, from Purdue Doctoral Program, $33,030, “Broberg, Morgan Renee.”

Irфан oglu, Ayhan; civil engineering, from Ross Graduate Fellowship-Assistantship, $31,515, “Huang, Yu-Ting.”

Іvantysynova, Monika; agricultural & biological engineering, from Danfoss, $15,000, “Kalamazoo Community Foundation.”

Iyer, Ananth V and Berenguer Falguera, Gemma; management, from European Union, $618,965, “Consistently Optimised Resilient Secure Global Supply-Chains Core.”

Jacobs, Douglass F; forestry & natural resources, from Chris J or Tonia J Fischer, $275, “Voluntary Support – American Chestnut.”

Jafvert, Chad T; civil engineering, from Winifred B. Bilsland Endowment, $21,188, “Irawati, Utami.”

Jin, Jian; agricultural & biological engineering, from University of Nebraska, $21,659, “High through Put Phenotyping to Accelerate Biomass Sorghum Improvement.”


Johnson, William G; botany & plant pathology, from Valent U.S.A. Corporation, $26,600, “Weed Science Research Voluntary Support.”

Jones, Owen G; Campanella, Osvaldo H and Hamaker, Bruce R; food science, agricultural & biological engineering, from National Institute of Food & Agriculture, $361,237, “Replacing Gluten in Bread Doughs by Utilizing Fibrous, Non-Wheat Protein Assemblies.”

Jones, Timothy M; physics, from University of Notre Dame, $3,750, “QuarkNet at Purdue University.”

Jung, Byunghoo; electrical & computer engineering, from Nexturn Company Ltd, $444,164, “High Precision Position Tracking System for Heart Shape Mapping During Heart Surgery.”

Karava, Panagiota; civil engineering, from Ross Graduate Fellowship-Assistantship, $31,515, “Kim, Huijeong.”

Karcher, Darrin M; animal sciences, from University of Minnesota, $32,523, “Improving Well-Being of Commercial Turkeys through Gait and Footpad Assessment.”

Key, Nicole L; mechanical engineering, from Ross Graduate Fellowship-Assistantship, $31,515, “Kamdar, Nitya Dipan.”

Kim, Hye-Ji; horticulture & landscape architecture, from University of Hawaii, $20,050, “Nitrogen Transformations in Aquaponic Systems.”

Kim, Yuan H; Cooper, Bruce R; Ebner, Paul D; Thompson, Nathanael M and Widmar, Nicole J; animal sciences, medicinal chemistry & molecular pharmacology, agricultural economics, from National Institute of Food & Agriculture, $363,822, “Value-Added Beef from Low Quality Beef Optimized Dry-Aging to Improve Palatability Attributes and Profitability of Cull Cow Beef.”


Kissinger, Candice B; chemistry, from Ross Graduate Fellowship-Assistantship, $29,244, “Amarasinghe, Mud Hasara.”

Kissinger, Candice B; chemistry, from Winifred B. Bilsland Endowment, $3,333, “Salomon, Olivia.”

Kissinger, Candice B; chemistry, from Ross Graduate Fellowship-Assistantship, $29,244, “Shi, Anni.”

Kissinger, Candice B; chemistry, from Winifred B. Bilsland Endowment, $10,000, “Wu, Siyu.”

Kissinger, Candice B; chemistry, from Ross Graduate Fellowship-Assistantship, $29,244, “Naclerio, George Alfred.”
Kissinger to Lempert

Kissinger, Candice B; chemistry, from Ross Graduate Fellowship-Assistantship, $29,244, “Miller, Lyndsy Ann.”

Kissinger, Candice B; chemistry, from Ross Graduate Fellowship-Assistantship, $29,244, “Mendes De Oliveira, Denilson.”

Kissinger, Candice B; chemistry, from Purdue Doctoral Program, $33,137, “Mesa Sanchez, Daniela.”

Kissinger, Candice B; chemistry, from Ross Graduate Fellowship-Assistantship, $29,244, “Hodul, John Nicholas.”

Kissinger, Candice B; chemistry, from Winifred B. Bilsland Endowment, $7,855, “Salmon, Olivia.”

Kissinger, Candice B; chemistry, from Ross Graduate Fellowship-Assistantship, $29,244, “Aayush, Aayush.”

Kissinger, Candice B; chemistry, from Purdue Doctoral Program, $33,137, “Love, Camille Gabrielle.”

Kissinger, Candice B; chemistry, from Lynn Interdisciplinary Graduate Fellowship, $29,244, “Wijewardhane, Godakande.”

Kissinger, Candice B; chemistry, from Purdue University F N Andrews Fellowship, $29,244, “Gonzalez Chavez, Victor Hugo.”

Kissinger, Candice B; chemistry, from Purdue University F N Andrews Fellowship, $29,244, “Blach, Daria Dominika.”

Kissinger, Candice B; chemistry, from Ross Graduate Fellowship-Assistantship, $29,244, “Kalb, Annah Elisabeth.”

Kissinger, Candice B; chemistry, from Purdue University F N Andrews Fellowship, $28,457, “Manheim, Jeremy.”

Kissinger, Candice B; chemistry, from Winifred B. Bilsland Endowment, $3,333, “Steiman, Talia.”

Kissinger, Candice B; chemistry, from Ross Graduate Fellowship-Assistantship, $29,244, “Washer, Benjamin McCann.”

Kissinger, Candice B; chemistry, from Winifred B. Bilsland Endowment, $3,333, “Wu, Siyu.”

Kissinger, Candice B; chemistry, from Winifred B. Bilsland Endowment, $11,188, “Kong, John Yuk.”

Kissinger, Candice B; chemistry, from Ross Graduate Fellowship-Assistantship, $29,244, “Halder, Saayak.”

Kissinger, Candice B; chemistry, from Winifred B. Bilsland Endowment, $7,855, “Wu, Siyu.”

Kissinger, Candice B; chemistry, from Winifred B. Bilsland Endowment, $14,521, “Steiman, Talia.”

Kissinger, Candice B; chemistry, from Ross Graduate Fellowship-Assistantship, $29,244, “Urbania, Andres Sebastian.”

Kladivko, Eileen J and Morrow, Anna L; agronomy, from Walton Family Foundation, $71,582, “Development and Promotion of Midwest Cover Crop Council Resources.”

Klimeck, Gerhard; electrical & computer engineering, from Purdue University, $37,250, “Icheer: Institute for Continual Hub Enabled Education & Research.”

Knapp, Deborah W; Ramos-Vara, Jose A; Ratliff, Timothy L and Ruple, Audrey; veterinary clinical science, comparative pathobiology, from Purdue University, $30,000, “Advancing Immunotherapy for Invasive Bladder Cancer.”

Knobloch, Neil A; Wang, Hui-Hui; Guzey, Siddika and Tormoehlen, Roger L; youth development & agricultural education, curriculum and instruction, agricultural & biological engineering, from National Institute of Food & Agriculture, $144,150, “Land-Grant Outreach for Community-Based Agricultural Learning for Science, Technology, Engineering and Mathematics Education (Local STEM)”

Kokini, Jozef L and Bhunia, Arun K; food science, from National Institute of Food & Agriculture, $452,675, “Glutenin Fractions Visualized with Conjugated Quantum Dots and Confocal Microscopy Help Understand Rheology and Mixing Behavior of Wheat Doughs.”

Koltick, David S; physics, from Techsource, $8,000, “Koltick Voluntary Support.”

Konieczny, Stephen F; biological sciences, from PHS-NIH National Cancer Institute, $312,367, “Kras-Induced Cellular Plasticity in Pancreatic Cancer.”


Kritchevsky, Janice E and Couetil, Laurent L; veterinary clinical science, from University of Guelph, $61,670, “The Effect of Supraphysiologic Thyroxine Administration on Measures of Performance in Racehorses.”

Kuang, Shihuan; Elzey, Bennett D and Konieczny, Stephen F; animal sciences, comparative pathobiology, biological sciences, from PHS-NIH National Cancer Institute, $354,563, “Notch Signaling in Liposarcoma.”

Kuhn, Richard J; biological sciences, from Purdue Research Foundation (PRF) Summer Research Grants, $4,978, “BIOL - SRG.”

Ladisch, Michael R; agricultural & biological engineering, from Ross Graduate Fellowship-Assistantship, $31,599, “Binkley, Robert.”

Ladisch, Michael R and Ximenes, Eduardo A; agricultural & biological engineering, from Archer Daniels Midland Co, $132,883, “Starch Production by Fractionation of Corn Kernels.”

Landry, Steven J; industrial engineering, from Federal Aviation Administration, $30,000, “FAA COE TTHP: Analysis of Technical Operations Job Tasks (#17).”


Latin, Richard X; botany & plant pathology, from Midwest Regional Turf Foundation, $6,000, “Turfgrass Disease Research.”

Lechtenberg, Victor L; President, from Multi-Sponsored Industrials, $10,000, “Support of Southeastern Small Business Development Center (SBDC) (204104).”

Leidy, Heather J; foods & nutrition, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $670,673, “Increased Protein at Breakfast for Weight Management in Overweight Adolescents.”

Lelièvre, Sophie A and Ziaie, Babak; basic medical science, electrical & computer engineering, from Army Medical Research Acquisition Activity, $564,673, “Risk-on-a-Chip for Tailored Primary Prevention of Breast Cancer.”

Lempert, Laszlo; mathematics, from National Science Foundation, $77,198, “Complex Analysis and Geometry.”
Li to Mazur

Li, Ninghui and Proctor, Robert W; computer science, psychological science, from North Carolina State University, $43,318, “North Carolina State University Science of Security Lablet; Amendment 7 (Grant 107122).”

Li, Tonglei; industrial & physical pharmacy, from Purdue Doctoral Program, $29,244, “Lupo, Kyle, Byrnes.”

Li, Tonglei; industrial & physical pharmacy, from Chappelle, $21,188, “Kwon, Soonbum.”

Li, Tonglei; industrial & physical pharmacy, from Lynn Interdisciplinary Graduate Fellowship, $29,244, “Huls, Nicholas.”

Liceaga, Andrea M; food science, from Impossible Foods Inc., $2,500, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Impossible Foods Inc., $2,500, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Brands, Oberto, $2,000, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Brands, Oberto, $2,000, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Bay Valley Foods LLC, $4,550, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Bay Valley Foods LLC, $4,550, “Multi Sponsored Gift – Sensory.”

Liceaga, Andrea M; food science, from Impossible Foods Inc., $9,500, “Multi Sponsored Gift – Sensory.”

Lie, Victor D; mathematics, from National Science Foundation, $112,949, “Topics in Harmonic Analysis: Interplay Between Time-Frequency Analysis, Additive Combinatorics and PDE.”

Lin, Guang; mathematics, from National Science Foundation, $78,213, “Faculty Early Career Development (CAREER): Uncertainty Quantification and Big Data Analysis in Interconnected Systems.”

Lindshield, Stacy M; anthropology, from National Science Foundation, $34,135, “HRRBAA: Habitation Feasibility Assessment for Critically Endangered Primates.”

Linnes, Jacqueline C and Kinzer-Ursem, Tamara L; biomedical engineering, from Vodafone Americas Foundation, $300,000, “PathVis: the Power of the Lab in the Palm of Your Hand.”

Linnnes, Jacqueline C; biomedical engineering, from Crosslife Technologies Inc, $67,500, “Rapid Response Research (RAPID) Instrument-Free Nucleic Acid Test for Pathogen and Biothreats.”

Liu, Baiying; mathematics, from National Science Foundation, $162,631, “On Discrete Spectrum of Classical Groups and Global Converse Theorem.”

Liu, Chunghong R and Wu, Wenzhuo; industrial engineering, from National Science Foundation, $337,217, “Nanomanufacturing of Self-Powered Nanosensor Systems by Pulsed Laser Processing.”

Liu, Xiaoqi and Ratliff, Timothy L; Cancer Research Center, from PHS-NIH National Cancer Institute, $354,563, “Treatment of Castration-Resistant Prostate Cancer (CRPC).”

Liu, Xiaoqi; Cancer Research Center, statistics, from PHS-NIH National Cancer Institute, $25,769, “Overcoming Drug Resistance of Castration-Resistant Prostate Cancer.”

Liu, Xiaojing; Cancer Research Center, from PHS-NIH National Cancer Institute, $35,763, “Enhancing Anti-Neoplastic Activity of Metformin in Prostate Cancer.”

Lohman, Jeremy R and Golden, Barbara L; biochemistry, from Showalter Trust, $75,000, “Catching Fatty Acid Biosynthetic Enzymes in the Act with a Non-Natural Amino Acid.”

Low, Philip S; chemistry, from University of Pennsylvania, $55,800, “Near Infrared Intraoperative Molecular Imaging of Lung Adenocarcinoma, Amendment 1; Grant 108270.”

Lyanda-Geller, Yuli; physics, from U.S. Department of Energy, $130,000, “Charge Carrier Holes Correlations and Non-Abelian Physics in Nanostructures, Quantum Hall Effect.”

Ma, Jianxin and Cai, Guohong; agronomy, botany & plant pathology, from Indiana Soybean Alliance, $74,649, “Utilizing Novel Sources of Resistance to Phytophthora Root and Stem Rot of Soybean (Year 2).”

Ma, Jianxin; agronomy, from Indiana Soybean Alliance, $81,223, “Genetic Dissection of Yield-Related Traits for Soybean Breeding.”

MacDermid Wadsworth, Shelley; child development & family studies, from Ohio State University, $1,400, “SBHP Evaluation.”


Malandraki, Georgia; Craig, Bruce A and Liu, Zhongming; Institute for Integrated Neuroscience, from PHS-NIH National Institute of Deafness and Other Communication Disorders, $149,827, “Neuroplastic Adaptations of Swallowing and Speech in Children with Unilateral Cerebral Palsy.”

Marais, Karen and Felisberto Martins Ribeiro, Bruno; aeronautical & astronautical engineering, computer science, from Federal Aviation Administration, $121,575, “Project #5: Safety Analysis for General Aviation.”

Marconnet, Amy M; mechanical engineering, from BNNT, LLC, $4,400, “Characterization of Bnnt Composites.”

Marconnet, Amy M and Paniagua Perez, Guillermo; mechanical engineering, from Intel Corporation, $100,000, “Inverse Thermal Metrology for Wireless Devices.”

Matson, Eric T and Smith, Anthony H; computer & information technology, from Kyungpook National University, $28,040, “Knu-Purdue Research Program 2017.”

Maynard, Elizabeth T; horticulture & landscape architecture, from Syngenta Crop Protection Inc., $400, “Research for 1995 Vegetable Variety Trial Program.”

Maynard, Elizabeth T; horticulture & landscape architecture, from Rupp Seed Inc., $800, “Research for 1995 Vegetable Variety Trial Program.”

Mazur, Lawrence J; economics, from National Science Foundation, $48,886, “Collaborative Research: New Applications of Dynamic Games with Asymmetric Information: Mergers, Capacity Discipline and Price Rigidity.”
McCabe to Ortalan

**McCabe, George P** and **Henry, Courtney N**: statistics, from PHS-NIH National Center for Complimentary and Alternative Medicine, $468, “A Simulation Tool to Evaluate Calcium-41 Experimental Study Designs.”

**McCullough, Bobby G**: civil engineering, from Indiana University Purdue University at Indianapolis, $13,500, “Agriculture, Road Conditions, and Road Funding: Making the Case II.”

**Mei, Jianguo** and **Cheng, Ji-Xin**: chemistry, biomedical engineering, from Showalter Trust, $75,000, “Looking Deeper into the Tissues: Nanostructured Semiconducting Polymers Absorbing in the Second Near-Infrared Window for Photoacoustic Imaging.”

**Mengiste, Tesfaye D**: botany & plant pathology, from National Science Foundation, $189,966, “Untangling the Complex Network of Bik1 Mediated Immune Response Signaling Pathways.”

**Mesecar, Andrew D**: biochemistry, from Winifred B. Billsland Endowment, $10,724, “Petell, Christopher.”

**Mesecar, Andrew D**: biochemistry, from Ross Graduate Fellowship-Assistantship, $33,114, “Auber, Robert Patrick.”

**Mesecar, Andrew D**: biochemistry, from Purdue University F N Andrews Fellowship, $33,114, “Boram, Trevor.”


**Meyer, Terrence R**: mechanical engineering, from Spectral Energies, LLC, $69,998, “Advanced Laser Based Diagnostic Techniques for Combustion and Propulsion Research; Amendment 1, Option 1, Grant 108405.”

**Miller, Jeffrey T**: chemical engineering, from Argonne National Laboratory, $30,000, “X-Ray Absorption Studies of Nrel Catalysts; Modification 6.”

**Minton, David A**: Horgan, Briony H and Spencer, David A: earth & atmospheric sciences, aeronautical & astronautical engineering, from National Aeronautics and Space Administration, $353,000, “Chariot to the Moons of Mars.”

**Minton, David A**: earth & atmospheric sciences, from National Aeronautics and Space Administration, $36,712, “High Resolution Topography and Radar Observations of Lunar Craters and Cratered Surfaces.”

**Mishra, Dharmendra K**: food science, from Lynn Interdisciplinary Graduate Fellowship, $33,114, “Mehta, Halak-Nimishbha.”

**Mishra, Dharmendra K**: food science, from Sunshine Juice Company, $50, “Multi Sponsored Gift.”

**Mishra, Dharmendra K**: food science, from Purdue University. “Multi Sponsored Gift.”

**Mishra, Dharmendra K**: food science, from Coleman, Patricia C, $50, “Multi Sponsored Gift.”

**Mohammadi, Mohsen**: agronomy, from Agricultural Research Service, $31,000, “New Modes of Wheat Resistance Against Hessian Fly.”

**Mohammed, Sulma I**: Cancer Research Center, from PHS-NIH National Cancer Institute, $5,596, “Understanding Breast Cancer Metastasis to Lymph Node.”

**Mohammed, Sulma I**, **Mittal, Suresh K** and **Rajwa, Bartlomiej P**: Cancer Research Center, comparative pathobiology, basic medical science, from PHS-NIH National Cancer Institute, $16,857, “Understanding Breast Cancer Metastasis to Lymph Node.”

**Mosier, Nathan S**: agricultural & biological engineering, from Purdue University F N Andrews Fellowship, $33,114, “Overton, Jonathan.”

**Mott, John H**: aviation technology, from Delta Air Lines Inc, $67,500, “A3IR Core.”

**Mudawar, Issam**: mechanical engineering, from Technologies, LLC, $69,998, “Advanced Laser Based Diagnostic Techniques for Combustion and Propulsion Research; Amendment 1, Option 1, Grant 208355.”

**Mutchler, Jane F**: management – Calumet campus, from Indiana Economic Development Corporation, $65,454, “Northwest Indiana Small Business Development Center 2017 (State Funds).”

**Mutchler, Jane F**: management – Calumet campus, from Indiana Economic Development Corporation, $202,534, “Northwest Indiana Small Business Development Center 2017 (Federal Funds & PNW Cash Match).”

**Nateghi, Roshanak**: industrial engineering, from Ross Graduate Fellowship-Assistantship, $31,515, “Maia Silva, Debora.”

**Newton, Jill A**: curriculum and instruction, from University of Southern Indiana, $55,669, “Creating Algebra Teaching Communities for Hoosiers (Catch); Modification 1, Grant 208355.”

**Newton, Kathryn A**: industrial technology, from Ross Graduate Fellowship-Assistantship, $18,869, “Ma, Siming.”

**Nielsen, Robert L, Camerato, James J and Kissick, Ashley L**: agronomy, from Indiana Corn Marketing Council, $90,157, “Profitable and Environmentally Sustainable Corn Production in Indiana.”

**Niyogi, Devdutta S**: agronomy, from Fowler, Marilyn, $70, “State Climatology.”

**Niyogi, Devdutta S**: agronomy, from National Aeronautics and Space Administration, $45,000, “Integrating Land Surface Processes for Improved Simulation of Landfalling Tropical Cyclones.”

**Okuniewski, Maria A**: materials engineering, from Oak Ridge Associated Universities, $5,000, “Orau Ralph E. Powe Junior Faculty Enhancement Awards.”

**Olek, Jan**: civil engineering, from Indiana Department of Transportation, $75,000, “North Central Superpave Center SPR-2042.”

**Oliver, Haley F**: food science, from Mahidol University, $8,800, “Bench Fees Request for Ms. Atsadang Boonmee as a Visiting Scholar at Purdue University.”

**Oliver, Haley F**: food science, from Purdue University F N Andrews Fellowship, $33,114, “Wu, Tongyu.”


Panchal to Raymond

Panchal, Jitesh H; Billions, Ilias; Helie, Sebastien and Kannan, Karthik N; mechanical engineering, psychological science, management, from National Science Foundation, $649,876, “Understanding Information Acquisition Decisions in Systems Design through Behavioral Experiments and Bayesian Analysis.”

Parashar, Neeti; chemistry and physics – Calumet campus, from National Science Foundation, $137,198, “Research in High Energy Physics on the Compact Muon Solenoid (CMS) Experiment.”

Parker, Lorain C and Burgess, Willella D; education-administration, from Vanderbilt University, $88,790, “Mobilizing Science, Technology, Engineering & Mathematics (STEM) Talent for STEM Teaching NSF Robert Noyce Teacher Scholarship Program.”

Pastakia, Sonak D; pharmacy practice, from University of Warwick, $18,325, “Ethnic Specific Risk Stratification in Early Pregnancy for Identifying Mothers at Risk of Gestational Diabetes Mellitus in India and Kenya.”

Pastakia, Sonak D and Karwa, Rakhi; pharmacy practice, from Indiana University, $1,567, “Ampath Plus.”

Pastakia, Sonak D and Karwa, Rakhi; pharmacy practice, from Indiana University, $3,446, “Ampath Plus.”

Patton, Aaron J; horticulture & landscape architecture, from BASF Corporation, $9,660, “Testing Agreement for BASF Corporation.”

Patton, Aaron J; horticulture & landscape architecture, from United States Golf Association, $6,000, “Multi Sponsored.”

Patton, Aaron J; horticulture & landscape architecture, from Midwest Regional Turf Foundation, $10,000, “MRTF Extension & Research.”

Patton, Venetria K; interdisciplinary studies, from Purdue University F N Andrews Fellowship, $20,091, “Yamamoto, Mai.”

Patton, Venetria K; interdisciplinary studies, from Winifred B. Bilsland Endowment, $19,224, “Huang, Yingying.”

Peterson, Jonathon R; mathematics, from National Security Agency, $20,000, “Random Walks in Random Environments.”

Pipes, R Byron; materials engineering, from Cytec Industries Inc, $50,000, “CDM HUB (Consortium).”

Pipes, R Byron; Yu, Wenbin; Sterkenburg, Ronald; Goodsell, Johnathan E and Strachan, Alejandro H; aeronautical & astronautical engineering, aviation technology, materials engineering, from University of Tennessee, $2,123,912, “IACMI – BP3-Overall.”


Powley, Terry L; psychological science, from PHS-NIH Office of the Director, $20,014, “Mapping Stomach Autonomic Circuity and Function for Neuromodulation of Gastric Disorders.”

Prabhakar, Sunil K; computer science, from Purdue University F N Andrews Fellowship, $18,833, “Shehata, Aly.”

Prabhakar, Sunil K; computer science, from Air Force Research Laboratory, $201,389, “Quelea: Verified Compilation of Weakly-Consistent Distributed Systems.”

Prabhakar, Sunil K; computer science, from David M. Knox Endowment, $21,188, “Williams, Tara Elaine.”

Prabhakar, Sunil K; computer science, from Ross Graduate Fellowship-Assistantship, $18,333, “An, Shengwei.”

Prabhakar, Sunil K; computer science, from Ross Graduate Fellowship-Assistantship, $18,833, “Choulos, Alexander George.”

Prabhakar, Sunil K; computer science, from Ross Graduate Fellowship-Assistantship, $18,833, “Lin, Ying-Chun.”

Prabhakar, Sunil K; computer science, from Winifred B. Bilsland Endowment, $21,188, “Jero, Samuel.”

Preckel, Paul V and Gotham, Douglas J; agricultural economics, biological sciences, from Indiana Utility Regulatory Commission, $1,139,653, “Continue the Work of the State Utility Forecasting Group.” (a Discovery Park award – the energy Center)

Prezzi, Monica; civil engineering, from Winifred B. Bilsland Endowment, $21,224, “Galvis-Castro, Ayda.”

Prokopy, Linda S; Hook, Tomas O; McMillan, Sara K; Kim, Hye-Ji; Malinich, Timothy D; Merwade, Venkatesh M; Brown, Paul B; Mitchell, Cary A and Rode, Robert A; agriculture administration, forestry & natural resources, agricultural & biological engineering, horticulture & landscape architecture, civil engineering, from U.S. Geological Survey, $77,414, “State Water Resources Research Institute Program Fiscal Year2016.”

Purpura, David J; Purcell, Megan L; Schmitt, Sara A and Elicker, James G; child development & family studies, from Indiana Department of Education, $483,011, “ISTAR-KR Enhancement Project.”

Puthiyaveetil, Sujith and Cramer, William A; biochemistry, biological sciences, from Showalter Trust, $75,000, “The Structural Basis of a Serine/Threonine-Type Kinase Activity in the Chloroplast Sensor Kinase.”

Qi, Minghao; electrical & computer engineering, from Ren, Yalin, $10,000, “Optixpan Semiconductors Voluntary Support.” (a Discovery Park award – Birck Nanotechnology Center)


Quagrainie, Kwamena K; agricultural economics, from Iowa State University, $3,477, “Assessing the Status of Aquaculture Associations in the North Central Region.”


Ramanathan, Shriram; electrical & computer engineering, from Sensormetrix, $52,313, “Phase-Change Materials for Tunable Infrared Devices.”

Ratliff, Timothy L; Cancer Research Center, from PHS-NIH National Cancer Institute, $1,544,675, “Cancer Center Support Grant – YR3.”

Raymond, Leigh S; Braun, James E; Karava, Panagioti; Peeta, Srinivas; Billions, Ilias; Brunswicker, Sabine; Horton, William T; Reimer, Torsten O and Weldon, Sirje L; political science, mechanical engineering, civil engineering, industrial technology, communication, from Purdue University, $300,000, “Affordable Netzero Housing and Transportation Solutions.”
Rebello to Shaver


Remis, Melissa J and Hall, Elizabeth S; anthropology, from Primate Conservation Inc., $2,480, “Patterns of Human-Primate Interaction in a Protected Central African Forest Reserve.”

Richmond, Douglas S; entomology, from Midwest Regional Turf Foundation, $6,000, “Turfgrass Entomology Research.”


Rodgers, Elysa A; field extension agents, from DeKalb County Community Foundation, $3,250, “Goat Artificial Insemination Training Workshop.”

Rogat, Toni K and Traynor, Anne; educational studies, from National Science Foundation, $245,458, “Collaborative Research: Theoretical and Methodological Tools for Studying Group Productive Disciplinary Engagement.”


Roy, Kaushik; electrical & computer engineering, from The Boeing Company, $156,119, “Integrity & Reliability of Integrated Circuits (IRIS), Phase III; Amendment 1, Grant 108309.”

Russell, Mark A; youth development & agricultural education, from Pioneer Hi-Bred International, Inc., $15,000, “Case Program.”

Sabbagh, Arman; statistics, from National Science Foundation, $50,000, “Collaborative Research: EAGER: Explore the Theoretical Framework of Engineering Knowledge Transfer in Cybermanufacturing Systems.”

Salgado, Rodrigo; civil engineering, from CTI and Associates Inc, $2,000, “Coffee.”


Sandhage, Kenneth H; materials engineering, from Rolls-Royce Corporation, $85,000, “Chemical Interactions Between Si-Based Liquids and SiC: Thermodynamic and Kinetic Analyses.”

Santagata, Maria Caterina; civil engineering, from Purdue University F N Andrews Fellowship, $33,030, “Garzon, Sabogal.”

Saraswat, Dharmendra; agricultural & biological engineering, from Ross Graduate Fellowship-Assistantship, $31,599, “Etienne, Aaron.”

Saunders, Michael R; forestry & natural resources, from U.S. Forest Service, $17,000, “End-of-Rotation Prescribed Fire: Tree- and Stand-Level Effects on Quality and Lumber Value Recovery.”

Saunders, Michael R; forestry & natural resources, from U.S. Forest Service, $10,000, “Effects of Prescribed Fire within Shelterwood Regeneration Systems on Residual Overstory Timber Quality.”

Savaiano, Dennis A; foods & nutrition, from Indiana Clinical & Translational Science Institute, $24,000, “Healthy Communities of Clinton County Coalition as a Model for Community Health Improvement.” (a Discovery Park award – Bindley Bioscience Center)

Savikhin, Sergei F; physics, from National Science Foundation, $148,826, “Research Experience for Undergraduates (REU) Site: Multidisciplinary Physics at Purdue University.”

Scalo, Carlo; mechanical engineering, from Lynn Interdisciplinary Graduate Fellowship, $30,652, “Decarvalho Britto Sousa, Victor.”

Scalo, Carlo; mechanical engineering, from Air Force Office of Scientific Research, $72,096, “Direct Numerical Simulation of Hypersonic Transition Delay Over Carbon/Carbon Ultrasonically Absorptive Coatings.”

Scalo, Carlo and Vlachos, Pavlos; mechanical engineering, from National Science Foundation, $449,788, “Boundary Layer Turbulence Control via Acoustically Resonating Porous Surfaces.”

Scalo, Carlo; mechanical engineering, from Ross Graduate Fellowship-Assistantship, $31,515, “Yu, Zongxin.”

Schoenlein, William E and Durkes, Abigail C; biomedical engineering, comparative pathology, from Cook Research Incorporated, $95,188, “Pre-Clinical Device Testing Agreement; Studies: CBI-BSPI, CI-SRLY, CI-WGAE, CI-WGGV, CI-LAMP, POC and Sentinels.”


Scutari, Gesualdo; industrial engineering, from National Science Foundation, $270,000, “CIF:Small:Collaborative Research: Distributed Fog Computing for Non-Convex Big-Data Analytics.”

Seleem, Mohamed; comparative pathology, from PHS-NIH National Institute of Allergy and Infectious Diseases, $461,818, “Repurposing Auranofin and Ebselen for Treatment of Multidrug Resistant Pathogens.”

Shalaev, Vladimir M and Boltasseva, Alexandra; engineering administration engineering experiment, electrical & computer engineering, from Georgia State University, $204,004, “Novel Nonlinear Optical Processes in Active, Random and Nanostructured Systems.” (a Discovery Park award – Birck Nanotechnology Center)

Shannahon, Jonathan H; health sciences, from Showalter Trust, $75,000, “Disease-Related Variations in Response to Nanoparticle Exposure.”

Shannahon, Jonathan H; health sciences, from PHS-NIH National Institute of Environment Health Science, $65,929, “Disease-Induced Modification in the Nanoparticle Corona Identification & Toxicity.”

Shaver, Gregory M; Garcia, R Edwin and Wasynczuk, Oleg; mechanical engineering, materials engineering, electrical & computer engineering, from Cummins, Inc., $175,000, “Advanced Hybrid System Design.”
Shaver to Taylor


Shaver, Gregory M: mechanical engineering, from David M. Knox Endowment, $21,224, “Ibitayo, Ifooluwa, Jimmy.”

Sheehan, Amy H: pharmacy practice, from Takeda Pharmaceutical International Inc US Region, $4,000, “Takeda-Purdue Regulatory Fellowship.”

Sheehan, Amy H: pharmacy practice, from Takeda Pharmaceutical International Inc US Region, $8,000, “Takeda-Purdue Regulatory Fellowship.”

Sheehan, Amy H: pharmacy practice, from Takeda Pharmaceutical International Inc US Region, $4,000, “Takeda-Purdue Regulatory Fellowship.”

Shen, Jie: mathematics, from National Science Foundation, $130,000, “Collaborative Research: Efficient, Stable and Accurate Numerical Algorithms for a Class of Gradient Flow Systems and Their Applications.”


Shin, Yung C: mechanical engineering, from Naval Surface Warfare Center Indian HD Div, $146,662, “Seamless Manufacturing and Remanufacturing for Foundry Industry via Laser-Based 3-D Printing and Surface Cladding.”

Shively, Gerald E: agricultural economics, from Tufts University, $85,000, “Nutrition Innovation Lab – Purdue (2016/2017).”


Sloan, Mary Anne: Office of Corporate and Global Partnerships, from Decatur Memorial Hospital, $806, “Multi Sponsor Account J-Hitec.”

Smith, Mjt: graduate school administration, from National Science Foundation, $2,817,833, “2012-18 NSF Graduate Research Fellowship Program (GRFP).”

Snyder, Margie E: pharmacy practice, from University of Cincinnati, $12,447, “Purdue University CTN Yr18 Subaward.”

Solomon, Kevin V: agricultural & biological engineering, from Purdue University F N Andrews Fellowship, $33,114, “Readnour, Logan.”

Son, Steven F: mechanical engineering, from Purdue Doctoral Program, $33,030, “Collard, Diane Nicole.”

Spafford, Eugene H: computer science, from Vencore Labs Inc, $60,000, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.”

Spafford, Eugene H: computer science, from Multi-Sponsored Industrials, $500, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.”

Spafford, Eugene H: computer science, from Src Education Alliance, $60,000, “Center for Education and Research in Information Assurance and Security (CERIAS) Voluntary Support.”

Spaulding, Michelle L: biological sciences – calumet campus, from National Science Foundation, $166,294, “Collaborative Research: a Phyloegeny of Placental Mammals Based on Paleocene Taxa: Determining the Impact of the K-Pg Extinction of Mammalian Evolutionary History.”


Strickland, Elizabeth A and Huber, Jessica E: speech, language & hearing sciences, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $1,516, “Communicative Disorders.”

Strickland, Elizabeth A and Huber, Jessica E: speech, language & hearing sciences, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $195,645, “Communicative Disorders.”

Subbarayan-Shastri, Ganesh: mechanical engineering, from Texas Instruments, Inc., $65,000, “Texas Instruments, Inc.”

Suitor, J Jill: sociology, from Purdue University, $30,000, “Within-Family Dynamics and End-of-Life Processes Pilot.”

Sutherland, John W: environmental & ecological engineering, from Purdue Doctoral Program, $33,030, “Ley, Christiane Joy.”

Swithers, Susan E: psychological science, from PHS-NIH National Institute of Child Health and Human Development, $6,000, “Annual Meeting of the International Society for Developmental Psychobiology.”

Szankowski, Wojciech: computer science, from Purdue University, $332,822, “Purdue Center for Science of Information (PCSoI).”

Szymanski, Daniel B and Kim, Tae Yoon: agronomy, biomedical engineering, from National Science Foundation, $914,062, “Collaborative Research: an Integrated Experimental and Computational Approach to Discover Biomechanical Mechanisms of Leaf Epidermal Morphogenesis.”

Szymanski, Daniel B: agronomy, from Washington State University, $189,517, “Deciphering the Role of RNA Binding Proteins in RNA Transport, Localization and Post-Transcriptional Processes in Plants, Amendment 4 (Grant 107752).”

Talavage, Thomas M: electrical & computer engineering, from Medicine Institute, Inc, $25,000, “Cook Support for Magnetic Resonance Imaging (MRI).”

Talavage, Thomas M: electrical & computer engineering, from Talavage, Joseph or Mary Ann, $20,000, “Talavage Voluntary Support.”

Tan, Hong Z: electrical & computer engineering, from Facebook, $918,481, “Innatam – Tactile Communication of Speech.”

Tao, Weiguo A: biochemistry, from Louisiana State University, $32,298, “The Role of SEN1 in Transcription Coupled DNA Repair (TCR).”

Taylor, Lynne S: industrial & physical pharmacy, from Purdue Doctoral Program, $37,176, “Shah, Dishan Divyulku.”

Taylor, Lynne S: industrial & physical pharmacy, from Multi-Sponsored Industrials, $20, “Pfizer Gift.”
Tolbias to Xia

Tobias, Justin L: economics, from Purdue Research Foundation (PRF) Summer Research Grants, $15,146, “MGMT – SRG.”

Tobias, Justin L: economics, from Ross Graduate Fellowship-Assistanship, $16,356, “Woods, Daniel.”

Tong, Yunjie: biomedical engineering, from PHS-NIH National Institute on Drug Abuse, $137,928, “Multimodal Neuroimaging of Cigarette Smoking.”

Tonnсен, Bridgette L: psychological science, from University of South Carolina, $27,700, “Emergence and Stability of Autism in Fragile X Syndrome.”


Trader, Darci J: medicinal chemistry & molecular pharmacology, from Showalter Trust, $75,000, “Discovery of Proteasome Stimulators to Treat Diseases Associated with Protein Accumulation.”

Tu, Manghui and Trekles, Anastasia M: computer information technology – Calumet campus, education, from National Security Agency, $63,584, “Gencyber Summer Camp for High School Teachers in Chicago Metropolitan Area.”

Turco, Ronald F; Goforth, Reuben R; McMillan, Sara K and Prokopy, Linda S: agronomy, forestry & natural resources, agricultural & biological engineering, from Indiana Department of Environmental Management, $724,994, “St. Marys Watershed Initiative.”

Turco, Ronald F: agronomy, from Actagro Plant Nutrients, $35,000, “Water Quality.”


Uyeda, Christopher H: chemistry, from National Science Foundation, $266,513, “Faculty Early Career Development (CAREER): SusChEM: Metal-Metal Bonds as Active Sites in Catalysis.”

Vacca, Andrea: agricultural & biological engineering, from Parker Hannifin Foundation, $8,500, “Parker Laboratory Gift Account.”


Vacca, Andrea: agricultural & biological engineering, from Winifred B. Bilsland Endowment, $21,224, “Thiagarajan, Divya.”


Vlachos, Pavlos: mechanical engineering, from American Heart Association, $53,688, “Assessing the Growth and Rupture of Cerebral Aneurysms Using 4D PC – Magnetic Resonance Imaging (MRI) and 4D PIV.”


Wan, Hong: industrial engineering, from Naval Postgraduate School, $7,500, “Lasso-Based Supersaturated Design and Analysis for Simulation Experiments – Increase 108609.”

Wassgren, Carl R: mechanical engineering, from Winifred B. Bilsland Endowment, $21,188, “Kumar, Rohit.”

Watts, Val J: medicinal chemistry & molecular pharmacology, from Purdue Doctoral Program, $10,260, “Elder, Sarah.”

Weaver, Connie M: foods & nutrition, from The A2 Milk Company, $60,000, “Lactose Intolerance Study.”

Weaver, Connie M: foods & nutrition, from Pharmavite, $10,000, “Multi Sponsored Gift.”


Weiner, Andrew M: electrical & computer engineering, from Oak Ridge National Laboratory, $2,000, “A Quantum Interconnect for Matter Qubits Based on Frequency Encoded Photonic Qubits.”


Weller, Stephen C: horticulture & landscape architecture, from Mint Industry Research Council, $5,000, “Mint Industry Research.”


Whelton, Andrew J: civil engineering, from Ross Graduate Fellowship-Assistanship, $31,515, “Odimayomi, Tolulope.”

Wilker, Jonathan J: chemistry, from Office of Naval Research, $83,334, “Biomimetic Adhesives Delivered Underwater, with Charges, and from Renewable Resources.”

Xu to Zollner

**Xu, Dongyan; Deng, Xinya** and **Zhang, Xiangyu**: Center for Education and Research in Information Assurance and Security (CERIAS), mechanical engineering, from Office of Naval Research, $625,000, "A Cross-Layer Framework for Retrofitting Robotic Vehicle Controllers."

**Yang, Danzhou**: medicinal chemistry & molecular pharmacology, from PHS-NIH National Cancer Institute, $383,638, "Modulating C-Myc Transcription by G-Quadruplex-Interactive Small Molecules."

**Yang, Liu**: New Albany Polytechnic, from Resource Optimization & Innovation, $29,000, "Hospital Supplier Optimization."

**Ye, Dong Hye; Bouman, Charles A** and **Son, Steven F**: electrical & computer engineering, from Northeastern University, $111,113, "Small-Scale Characterization of Homemade Explosives (HMEs) – Characterization and Elimination of Illicit Explosives."

**Ye, Peide**: electrical & computer engineering, from Taiwan Semiconductor Manufacturing Co, $120,000, "Phosphorene as a New 2D Material for Tunneling FETs 209225."

**Ye, Peide**: electrical & computer engineering, from Defense Threat Reduction Agency, $150,000, "Scaled Ingaas Nano-Mosfet Advanced Radiation Hardness Tests (SMART); Amendment 4, Grant 107126." (a Discovery Park award – Birck Nanotechnology Center)

**Yen, Jui-Hung**: medical education – Fort Wayne campus, from Indiana University, $10,000, "Fy18 Indiana University School of Medicine (IUSM)-Fort Wayne Dr. Yen Multiple Sclerosis Research Fund."

**Yen, Jui-Hung**: medical education – Fort Wayne campus, from Indiana University, $20,000, "Fy18 Indiana University School of Medicine (IUSM)-Fort Wayne Dr. Yen Start-Up Fund."

**Yeo, Yoon; Elzey, Bennett D** and **Galinsky, Raymond E**: industrial & physical pharmacy, comparative pathobiology, from PHS-NIH National Institute of Biomedical Imaging and Bioengineering, $34,920, "Environmentally-Adaptive Nanoparticles with Focal Irradiation for Cancer Therapy."

**Yu, Wenbin**: aeronautical & astronautical engineering, from Georgia Technology, $34,533, "VABS as a Tool for Real Blade Analysis, Design, and Certification; Amendment 1 Grant 108848."

**Yuan, Chongli; Kirchmaier, Ann L** and **Yeo, Yoon**: chemical engineering, biochemistry, industrial & physical pharmacy, from National Science Foundation, $449,998, "Enhancing Transgene Expression and Retention by Co-Delivery of DNA Vectors with Modified Histones."

**Zavattieri, Pablo D**: civil engineering, from University of California-Riverside, $212,816, "Convergent Evolution to Engineering: Multiscale Structures and Mechanics in Damage Tolerant Functional Bio-Composite and Biomimetic Materials; Amendment 2."

**Zavattieri, Pablo D**: civil engineering, from National Science Foundation, $8,000, "Faculty Early Career Development (CAREER): Multiscale Investigation and Mimicry of Naturally-Occurring Ultra-High Performance Composite Materials."

**Zhang, Xinghang**: materials engineering, from U.S. Department of Energy, $150,000, "Zhang – Deformation Mechanisms of Nanotwinned Al and Binary Al Alloys."

**Zhang, Zhong-Yin**: medicinal chemistry & molecular pharmacology, from Ross Graduate Fellowship-Assistantship, $29,244, "McNabb, Harrison, James."

**Zhang, Zhong-Yin**: medicinal chemistry & molecular pharmacology, from Purdue University F N Andrews Fellowship, $29,244, "Yu, Wenbin."

**Zhou, Chenn Q; Chen, Bin** and **Silaen, Armin K**: Center for Innovation through Visualization & Simulation, electrical and computer engineering – Calumet campus, from U.S. Steel Corporation, $63,324, "Predictive Maintenance for Reheat Furnace Fans in Hot Strip Mill."

**Zhou, Qi**: industrial & physical pharmacy, from Showalter Trust, $75,000, "Novel Inhalation Therapies for Treatment of Fatal Gram-Negative Lung Infections."

**Zhuang, Qianlai**: earth & atmospheric sciences, from Winifred B. Bilsland Endowment, $21,224, "Zhuang – Deformation Mechanisms of Nano-twinned Al and Binary Al Alloys."

**Zollner, Patrick A**: forestry & natural resources, from Indiana Department of Natural Resources, $810, "Nocturnal Habitat Selection of Bats Using Occupancy Models."

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