Abel, Steven R; Office of Engagement, from Woodrow Wilson National Fellowship Foundation, $98,500, "Indiana Teaching Fellowship Program."

Allebach, Jan P; electrical and computer engineering, from Hewlett Packard, $75,000, “Embedding of Data in Hard Copy by Circular Coding.”

Allebach, Jan P; Bolton, J Stuart; Chiu, George T and Davies, Patricia; electrical and computer engineering, mechanical engineering, from Hewlett Packard, $350,000, “Print Quality Improvement.”

Alsop, Janet M; curriculum and instruction, from Purdue Doctoral Program, $25,924, "Strait, Marquetta."

Ambrose, Rose Prabin Kingsly and Wassgren, Carl R; agricultural and biological engineering, from Whirlpool Corp, $1,563, “Particle Density and Size.”

Ambrose, Rose Prabin Kingsly; agricultural and biological engineering, from Multi-Sponsored Industrials, $700, “Multi-Sponsored Gift.”

Applegate, Bruce M; food sciences, from Frechette, Philip R, $12,500, "Food Microbiology Research.”

Ardekani, Arezoo Motavalizadeh; mechanical engineering, from National Science Foundation, $255,736, “Collaborative Research: the Effects of Fluid Flow on Flagellar Mechanics and Microbial Motility.”

Ardekani, Arezoo Motavalizadeh; mechanical engineering, from Purdue University F N Andrews Fellowship, $31,904, “Zhang, Yuchen.”

Armstrong, S Dorsey; English, from Winifred B. Bilsland Endowment, $30,618, "Schnurr, Ryan.”

Armstrong, S Dorsey; English, from Winifred B. Bilsland Endowment, $30,618, "Midtvedt, David.”

Armstrong, S Dorsey; English, from Winifred B. Bilsland Endowment, $30,618, "Johnson, Joel.”

Armstrong, Shalamar D; agronomy, from Ross Graduate Fellowship-Assistantship, $29,526, "Roth, Richard T.”

Bahr, David F; materials engineering, from Los Alamos National Laboratory, $30,000, “Nanoindentation of Mock Materials for Mechanical Property Evaluation.”

Bareinboim, Elias; computer science, from National Science Foundation, $536,513, "RI: Medium: Collaborative Research: Causal Inference: Identification Learning, and Decision-Making.”

Beaulieu, Lionel J; Wilcox, Michael D and Strohm, Heather E; Office of Engagement, agriculture – administration, field extension educators, from Mississippi State University, $26,400, “Stronger Economies Together: Phase VII -- Indiana Program.”

Benes, Bedrich and Garcia, R Edwin; computer graphics technology, materials engineering, from National Science Foundation, $150,000, “EAGER: Collaborative Research: Inverse Procedural Material Modeling for Battery Design.”

Berry, Frederick C; engineering technology, from Lawrence Livermore National Laboratory, $6,000, “Automated Solar Panel Cleaner.”

Bigelow, Cale A; horticulture and landscape architecture, from National Turfgrass Evaluation Program, $53,050, “2016 Cool-Season Water Use and Drought Resistance Test (CSWU-16-04)”

Bolin, Jeffrey T; Executive Vice President for Research and Partnerships, from Purdue University, $29,526, “FY17-18 Purdue Research Foundation (PRF) Research Grant.”

Bolin, Jeffrey T; Executive Vice President for Research and Partnerships, from Purdue University, $9,249, “Office of the Vice President for Research (OVPR) Bridge Funding.”

Bolin, Jeffrey T; Executive Vice President for Research and Partnerships, from Purdue University, $29,526, “FY17-18 Purdue Research Foundation (PRF) Research Grant.”

Bolin, Jeffrey T; Executive Vice President for Research and Partnerships, from Purdue University, $29,526, “FY17-18 Purdue Research Foundation (PRF) Research Grant.”


Bolton, J Stuart; mechanical engineering, from Beijing Anconson Technology Co. Ltd., $118,000, “China Voluntary Support.”

Boudouris, Bryan W and Thompson, Corey M; chemical engineering, from American Chemical Society, $5,000, “ACS Project Seed Award 2017.”

Bouman, Charles A and Midkiff, Samuel P; electrical and computer engineering, from High Performance Imaging, $34,000, “Advanced Material Discrimination Task 5.1 X-Ray Architectural Design Concepts Phase 2.”
Brady to Deng

Brady, Colleen M; youth development and agricultural education, from Winifred B. Billsland Endowment, $10,729, “Lofgren, Elise.”

Braile, Lawrence W; earth, atmospheric, and planetary science, from Chevron U.S.A., Inc., $25,000, “Chevron Sage Summer 2017.”

Braun, James E; mechanical engineering, from Emerson Climate Technologies, $50,000, “Center for High Performance Building Consortium.”

Buzzard, Gregory T; mathematics, from GS Bridge Assistantships, $24,729, “Richardson, Maleek.”


Cai, Hubo; civil engineering, from Purdue University F N Andrews Fellowship, $31,904, “Cai, Jiannan.”

Calve, Sarah; biomedical engineering, from National Center Comp and Integrative Health, $2,234,425, “Defining the Mechanical Link that Unites the Musculoskeletal System During Limb Development.”

Capano, Michael A; electrical and computer engineering, from Purdue University F N Andrews Fellowship, $31,904, “Ruzomberka, Eric.”

Capano, Michael A; electrical and computer engineering, from Purdue University F N Andrews Fellowship, $31,904, “Chatterjee, Baibhav.”

Capers, Michael A; electrical and computer engineering, from Purdue Doctoral Program, $31,904, “Akomolede, Oluseye.”

Chandrasekar, Srinivasan and Trumble, Kevin P; industrial engineering, materials engineering, from Army Research Office, $40,284, “Fluid-Like Flow, Surface Instabilities and Folding in Metal Plasticity and Wear.”

Chen, Weinong W; aeronautics and astronautics, from University of Delaware, $37,767, “Real Time Damage Visualization in Composites; Amendment 1 [Grant 108919].”

Chen, Weinong W; aeronautics and astronautics, from Corvid Technologies, $25,000, “Human Tissue Characterization.”

Cheng, Guang; statistics, from National Science Foundation, $46,387, “Collaborative Research: Nonparametric Bayesian Aggregation for Massive Data.”

Cherkauer, Keith A; agricultural and biological engineering, from Chappelle, $21,229, “Kines, Stephen.”

Chiang, Mung; Engineering Administration and Engineering Experiment Station, from Qualcomm Incorporated, $75,000, “Voluntary Support Qualcomm.”

Chiang, Mung; Engineering Administration and Engineering Experiment Station, from Google Inc, $75,000, “Voluntary Support Google.”

Clawson, Rosalee A; political science, from Ludwig Kruhe Graduate Scholarship, $21,229, “Nie, Mintao.”

Connor, Robert J; civil engineering, from University of Missouri, $9,000, “Guidelines to Improve the Quality of Element-Level Bridge Inspection Data; Amendment 2, Grant 107948.”

Cooks, Robert Graham; chemistry, from Naval Surface Warfare Center Crane Div, $40,000, “Forensic Organic and Elemental Analysis Associated with Microelectronics.”

Cooks, Robert Graham; chemistry, from Merck Sharp and Dohme Corp, $75,000, “Evaluation of a Desorption Electrospray Ionization (DESI) Based Plate Reader for Analysis of Biochemical Assays.”

Cooks, Robert Graham; chemistry, from Genentech Corporation, Inc., $1,000, “Pfizer Analytical Chem Fellowship.”

Cooks, Robert Graham; chemistry, from National Aeronautics and Space Administration, $65,785, “Precursor and Neutral Loss Scans in a Single Ion Trap and Application to Planetary Exploration – Dalton Snyder.”

Corti, David S and Franses, Elias I; chemical engineering, from National Science Foundation, $300,000, “Effects of Dispersant Molecular Structure on the Stabilization of Dispersions Against Agglomeration and Sedimentation.”

Couture, John J; entomology, from University of Wisconsin-Madison, $9,915, “Foliar Traits and Ecosystem Variability Across Neon Domains.”

Crabtree, Roberta D; field extension educators, from State Farm Companies Foundation, $6,000, “Beginners Guide to Grant Writing.”

Cui, Meng; electrical and computer engineering, from PHS-NIH National Institute Neurological Disorders and Stroke, $422,359, “High Resolution Deep Tissue Calcium Imaging with Large Field of View Wavefront Correction.”

Dabiri, Sadegh and Ardekani, Arezoo Motavalizadeh; agricultural and biological engineering, mechanical engineering, from National Science Foundation, $417,186, “Transport, Evolution, and Induced Mixing of Bubble Swarms Across Pycnoclines.”

Datchev, Kiril; mathematics, from National Science Foundation, $210,064, “New Scan Modes in Ion Trap Mass Spectrometers for Planetary Exploration.”

DeLaurentis, Daniel A and Crossley, William A; aeronautics and astronautics, from Federal Aviation Administration, $107,067, “Ascent Project #10: Aircraft Technology Modeling and Assessment.”


Delp, Edward J; electrical and computer engineering, from Air Force Research Laboratory, $229,705, “Media Forensics Integrity Analytics.”

Deng, Qing; biological sciences, from PHS-NIH National Institute of General Medical Science, $369,178, “Role of Micrornas in Neutrophil Migration.”
Donkin to Gabauer

**Donkin, Shawn S**; animal sciences, from Ross Graduate Fellowship-Assistantship, $31,904, “Smith, Erika.”

**Doudareva, Natalia**; biochemistry, from Michigan State University, $290,551, “Evolution of Specialized Metabolite Biosynthetic Pathways in the Lamiaceae: Sources of Chemical Diversity for Molecules Essential for Human Use and Plant Defense, Amendment 3; Grant 107805”

**Drineas, Petros S** and **Paschou, Peristera**; computer science, biological sciences, from National Science Foundation, $499,984, “III:Small:Novel Approaches for Sparse PCA, Matrix Completion, and Kernel Discriminant Analysis for Mining Human Genetics Datasets.”


**Edmondson, David A**; health sciences, from PHS-NIH National Institute of Environmental Health Science, $468, “Multimodal Neuroimaging Approaches to Modeling Manganese Toxicity.”

**Egel, Daniel S**; botany and plant pathology, from Bayer CropScience, $5,000, “Native Plant Restoration for the Pollinators at the Southwest Purdue Agriculture Center.”

**Ejeta, Gebisa**; agronomy, from Kansas State University, $151,007, “Genetic Enhancement of Sorghum to Promote Commercial Seed Supply and Grain Market Development in Ethiopia.”

**El-Azab, Anter A**; materials engineering, from Idaho National Laboratory, $13,000, “Phase Field Model Development for Recrystallization with Deformation Stored Energy and Microstructure Representation.”


**El-Azab, Anter A**; materials engineering, from National Science Foundation, $430,000, “Continuum Dislocation Dynamics Modeling of Mesoscale Crystal Plasticity at Finite Deformation.”

**Elliott, Stephen John** and **Oconnor, Kevin J**; technology, leadership, and innovation, from Intellectual Ventures Management LLC, $218,970, “Global Good? Biometrics and Children Data Collection (Ages 0-5 Year Olds).”

**Farkas, Brian E**; food sciences, from Multi-Sponsored Industrials, $30, “Multi-Sponsored Gift Fermentation.”

**Fekete, Donna M**; biological sciences, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $44,044, “Molecular Regulators of Innervation and Patterning Across the Developing Cochlea.”

**Fentiman, Audeen W** and **Nie, Linda H**; engineering education, health sciences, from Nuclear Regulatory Commission, $348,510, “Nuclear Engineering and Health Physics Fellowship Program at Purdue University.”

**Fernandez-Juricic, Esteban**; biological sciences, from Showalter Trust, $5,000, “2014 Showalter Awards.”

**Field, William E**; agricultural and biological engineering, from Posey County Farm Bureau, $300, “Farm Safety.”

**Flaherty, Elizabeth A**; forestry and natural resources, from Society for Study of Amphibians and Reptiles, $500, “Zachary Truelock: Variability in Diets of Midwestern Snakes in Response to Prescribed Burning.”

**Fleet, James C**; nutrition science, from Purdue University F N Andrews Fellowship, $29,526, “Zhao, Yiying.”

**Fleet, James C**; nutrition science, from Purdue University F N Andrews Fellowship, $29,176, “Reister, Evan.”

**Frances, Elias I**; chemical engineering, from Purdue University F N Andrews Fellowship, $31,904, “Hsieh, An-Hsuan.”

**Frisbee, Marty D**; earth, atmospheric, and planetary science, from National Science Foundation, $88,604, “Collaborative Research: Tectonic and Climatic Forcing of Hydrological Systems in the Southern Great Basin.”

**Gabauer, Colleen L**; graduate school administration, from Interdisciplinary Fellowships, $9,501, “Tinsley, Samantha.”

**Gabauer, Colleen L**; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Kurgan, Logan.”

**Gabauer, Colleen L**; graduate school administration, from Interdisciplinary Fellowships, $9,501, “Corpsstein, Clairissa.”

**Gabauer, Colleen L**; graduate school administration, from Purdue University F N Andrews Fellowship, $26,379, “Tinsley, Samantha.”

**Gabauer, Colleen L**; graduate school administration, from Interdisciplinary Fellowships, $9,501, “Cheng, Bi.”

**Gabauer, Colleen L**; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Asberry, Andrew.”

**Gabauer, Colleen L**; graduate school administration, from Interdisciplinary Fellowships, $9,501, “Min, Sehong.”

**Gabauer, Colleen L**; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Bi, Cheng.”

**Gabauer, Colleen L**; graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Agredo, Alejandra.”

**Gabauer, Colleen L**; graduate school administration, from Interdisciplinary Fellowships, $9,501, “Hobbs, Emilie.”

**Gabauer, Colleen L**; graduate school administration, from Interdisciplinary Fellowships, $9,501, “Wang, Yueyang.”

**Gabauer, Colleen L**; graduate school administration, from Interdisciplinary Fellowships, $9,501, “Sackey, Felicia.”

**Gabauer, Colleen L**; graduate school administration, from Interdisciplinary Fellowships, $9,501, “Kulkarni, Aneesha.”

**Gabauer, Colleen L**; graduate school administration, from Interdisciplinary Fellowships, $9,501, “Kumar, Shreya.”

**Gabauer, Colleen L**; graduate school administration, from Interdisciplinary Fellowships, $9,501, “Kurgan, Logan.”
Gabauer to Goldenstein

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $26,379, “Malek, Emily.”

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $9,501, “Wu, Runrun.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Brumm, Peter.”

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $9,501, “Onyedibe, Kenneth.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Sackey, Felicia.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Lee, Soojung.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Canaria Gonzalez, Daniel Alejandro.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Onyedibe, Kenneth.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Lee, Soojung.”

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $9,501, “Agredo, Alejandra.”

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $9,501, “Lee, Soojung.”

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $9,501, “Akkin Chin Tai, Janiel.”

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $9,501, “Asberry, Andrew.”

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $9,501, “Brumm, Peter.”

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $35,880, “Harris, Arryn.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Wang, Yueyang.”

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $35,880, “Hensel, Jennifer.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Kumar, Shreyar.”

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $9,501, “Canaria Gonzalez, Daniel Alejandro.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Min, Sehong.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Kulkarni, Aneesha.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Hobbs, Emilie.”

Gabauer, Colleen L: graduate school administration, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Corpstein, Clairissa.”

Gabauer, Colleen L: graduate school administration, from Interdisciplinary Fellowships, $9,501, “Corpstein, Clairissa.”

Gabauer, Colleen L: interdisciplinary graduate fellowship, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Wang, Yueyang.”

Gabauer, Colleen L: interdisciplinary graduate fellowship, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Canaria Gonzalez, Daniel Alejandro.”

Gabauer, Colleen L: interdisciplinary graduate fellowship, from Lynn Interdisciplinary Graduate Fellowship, $26,379, “Lee, Soojung.”

Garcia Bravo, Jose M and Newell, Brittany A: engineering technology, from The Vibration Institute, $500, “Flexible 3-D Printed Sensors and Actuators.”

Garinella, Suresh V: mechanical engineering, from Aavid Thermalloy, $7,500, “Cooling Technologies Research Center (CTRC) Membership – Memo Match for 106029.”

Garinella, Suresh V: mechanical engineering, from Purdue University, $865, “FY16-17 Purdue Research Foundation (PRF) Research Grant.”


Gaskill, Brianna N: animal sciences, from Purdue University F N Andrews Fellowship, $31,399, “Laflollette, Megan.”

Gavin, Timothy P; Abbott, Angela R and Burgess, Wilella Daniels: health and kinesiology, health and human sciences, education-administration, from PHS-CDC Centers for Disease Control, $573,672, “Reducing Obesity in Indiana through Community Involvement to Increase Prevention.”


Gibert, James M: mechanical engineering, from National Science Foundation, $293,229, “Collaborative Research: Understanding the Multiscale Behavior of Triboelectric Devices.”

Gibson, Kevin W: Office of the Indiana State Chemist, from Purdue University Special Initiative Program, $32,723, “Cronin, Janelle.”

Gibson, Kevin W: Office of the Indiana State Chemist, from Purdue University Special Initiative Program, $34,853, “Chong, Rylan.”

Ginzel, Matthew D: entomology, from R3 Ag Consulting LLC, $7,500, “Vol Support R3 Ag Consulting LLC.”

Gkritza, Konstantina: civil engineering, from Purdue University F N Andrews Fellowship, $31,904, “Ke, Yue.”

Goergen, Craig J: biomedical engineering, from Ross Graduate Fellowship-Assistantship, $30,389, “Cebull, Hannah.”

Goergen, Craig J: biomedical engineering, from Winifred B. Billsland Endowment, $21,229, “Phillips, Evan.”

Goergen, Craig J: biomedical engineering, from Purdue Doctoral Program, $31,904, “Berman, Alycia.”


Goodsell to Hill


Goosen, Robert K; Pandey, Ashutosh and Shih, Tom I-P: Technical Assistance Program, aeronautics and astronautics, from Dekker Vacuum Technologies, Inc., $27,636, “Dekker Vacuum 3rd Year Research.”


Govindaraju, Rao S: civil engineering, from American Society of Civil Engineers, $6,125, “Support for the ASCE Journal of Hydrologic Engineering.”

Govindaraju, Rao S: civil engineering, from American Society of Civil Engineers, $6,125, “Support for the ASCE Journal of Hydrologic Engineering.”

Gowher, Humaira: biochemistry, from National Science Foundation, $223,000, “Role of Divergent Incrnas in Transcriptional Priming and Enhancer-Mediated Activation of Nearby Genes.”

Gray, Nicholas W: Office of Multicultural Affairs, from Indiana Department of Education, $9,500, “2017 Indiana University-Purdue University Fort Wayne (IPFW) Upward Bound Summer Food Service Program.”

Groll, Eckhard A: mechanical engineering, from Air Squared, $20,000, “Vapor Compression Refrigeration System for Cold Storage on Spacecrafts.”

Groll, Eckhard A and Braun, James E: mechanical engineering, civil engineering, from Inventione, $25,000, “Modeling and Analysis of the Meso-Scale Ericsson Power Generation System (MEPS).”


Guan, Wenjing: horticulture and landscape architecture, from Agrodyne Solutions, LLC, $3,000, “Chris Gunter General Research Activities.”

Guan, Wenjing: horticulture and landscape architecture, from Agrofresh Inc, $15,000, “Chris Gunter General Research Activities.”

Guan, Wenjing: horticulture and landscape architecture, from Enza Zaden USA Inc, $700, “Chris Gunter General Research Activities.”

Guzey, Siddika; Ayres, Drew C; Bryan, Lynn A; Ryu, Minjung and Asunda, Paul A: curriculum and instruction, technology, leadership, and innovation, from Indiana Department of Education, $9,948, “A New MSP Partnership to Improve Science, Technology, Engineering and Mathematics (STEM) Integration in Indiana.”

Guzey, Siddika; Ayres, Drew C; Bryan, Lynn A; Ryu, Minjung and Asunda, Paul A: curriculum and instruction, technology, leadership, and innovation, from Indiana Department of Education, $60,916, “A New MSP Partnership to Improve Science, Technology, Engineering and Mathematics (STEM) Integration in Indiana.”

Haddock, John E: civil engineering, from Indiana Department of Transportation, $150,000, “Federal Highway Portion (LTAP) – 2017/18 Funding.”

Haddock, John E: civil engineering, from Indiana Department of Transportation, $40,258, “Investigating the Need for HMA Drainage Layers.”

Handwerker, Carol A; Blendell, John E and Subbarayan-Shastrti, Ganesh: materials engineering, mechanical engineering, from Missile Defense Agency, $249,490, “Reliability Risk Management of Gold Contaminated Tin-Lead and Lead-Free Solder Joints in Military Electronics; Modification 6 for Grant #108101.”

Harbin, Sherry L; Rickus, Jenna L; Panitch, Alyssa and Park, Kinam: biomedical engineering, agricultural and biological engineering, from PHS-NIH National Institute of Diabetes and Digestive and Kidney Diseases, $167,483, “Bioengineering Interdisciplinary Training for Diabetes Research.”

Harbor, Jonathan M: earth, atmospheric, and planetary science, from Purdue University Special Initiative Program, $23,229, “Yang, Mohan.”

Hastak, Makarand; Nategni, Roshanak and Tyner, Wallace E: construction engineering and management, industrial engineering, agricultural economics, from National Science Foundation, $468,851, “Towards a Resilient Grid: an Investment Prioritization Decision Framework that Integrates the Growing Risks of Severe Weather-Induced Outages.”

Heister, Stephen D: aeronautics and astronautics, from National Aeronautics and Space Administration, $74,000, “Aerospike Nozzle for Rotating Detonation Engine – Alexis Harroun.”

Heister, Stephen D: aeronautics and astronautics, from National Aeronautics and Space Administration, $74,000, “Quasi-1 Dimensional Modeling of Rotational Detonation Engines – Jenna Humble.”

Hertel, Thomas W: agricultural economics, from Rieti (Research Institute of Economy, Trade and Industry Iai, $20,435, “Global Trade Analysis Project (GTAP) Consortium.”


Hertig, John B: pharmacy administration, from Lilly (ELI) and Company, $74,997, “Medication Safety Fellowship.”

Hibiki, Takashi: nuclear engineering, from Institute of Nuclear Safety Systems,Inc, $22,500, “Improvement of Void Fraction Correlation for Rod Bundle and Downcomer.”

Hicks, Jennifer L: Office of Engagement, from TNTP, $48,323, “Itf Science, Technology, Engineering and Mathematics (STEM) ED Math Track Overview.”

Hill, Catherine A: entomology, from Showalter Trust, $5,000, “2013 Showalter Awards (207373).”
Hockerman to Kate

Hockerman, Gregory H: medicinal chemistry and molecular pharmacology, from Showalter Trust, $5,000, “2015 Showalter Scholar Awards.”

Honorio Carrillo, Jean F; computer science, from National Science Foundation, $272,979, “RI: Small: Efficient Learning and Inference with Perturbations.”

Horgan, Briony H: earth, atmospheric, and planetary science, from Jet Propulsion Laboratory, $35,161, “Using Composition to Constrain Paleoenvironments and Sites of Organic Preservation in Gale Crater, Modification3; Grant 108399.”

Horton, William Travis: civil engineering, from Ludwig Kruhe Graduate Scholarship, $21,229, “Lumpkin, Doménique.”


Hountz, Randall A: industrial engineering, from Northwestern University, $353,717, “Midwest Small Practice Care Transformation Research Alliance; Amendment 3; (Grant 107754).” (a Discovery Park award – Regenstrief Center for Healthcare Engineering)

Hoverman, Jason T: forestry and natural resources, from National Science Foundation, $245,088, “Collaborative Research: Disease Ecology in the Midst of Anthropogenic Stressors Exploring the Influence of Pesticides on Host-Parasite Interactions.”


Hu, Changdeng: medicinal chemistry and molecular pharmacology, from Showalter Trust, $5,000, “FY16-17 Showalter Scholars.”

Hu, Y Charlie: electrical and computer engineering, from Qualcomm Incorporated, $75,000, “Qualcomm Faculty Award.”


Hua, Inez: civil engineering, from Purdue Doctoral Program, $31,904, “Frost, Kali.”


Hultgren, Kyle E and Degnan, Daniel D: pharmacy administration, from Regenstrief Institute Inc, $12,500, “Medication Safety Support at Eskenazi Health.”

Irazoqui, Pedro: biomedical engineering, from Rehabilitation Institute of Chicago, $15,057, “A Pilot Trial to Assess Implantable Myonodes to Improve Prosthetic Function for Transhumeral Amputees after Targeted Muscle Reinnervation; Amendment 1 [Grant 108749].”

Irazoqui, Pedro: biomedical engineering, from Showalter Trust, $5,000, “2013 Showalter Awards.”

Irfanoglu, Ayhan and Laughery, Lucas A: civil engineering, from Catholic Relief Services, $64,400, “Dynamic Tests of Stone Masonry Walls with Earth Mortar.”

Ishii, Mamoru: nuclear engineering, from Nuclear Regulatory Commission, $2,659, “Task 1: Interfacial Area Transport in a 1-Inch Pipe.”

Iyer, Ananth V: management, from Ross Graduate Fellowship-Internship, $15,243, “Um, Cyril”

Iyer, Ananth V: management, from Purdue Doctoral Program, $12,119, “Mechem, Lindsay.”

Iyer, Ananth V: management, from Ross Graduate Fellowship-Internship, $15,243, “Tran, Duong.”

Jacob, Zubin: electrical and computer engineering, from Guardian Industries Corp, $163,001, “Fundamental Trade-Offs in Building Envelope Design: Optimization and Fabrication.” (a Discovery Park award – Birck Nanotechnology Center)

Jiang, Qing: nutrition science, from Showalter Trust, $5,000, “2014 Showalter Awards.”

Jiang, Qing: nutrition science, from California Table Grape Commission, $30,000, “The Effect of a Whole Grape Powder on Colitis-Promoted Colon Tumorigenesis and Gut Microbiota.”

Jiang, Wen: biological sciences, from Showalter Trust, $5,000, “FY16-17 Showalter Scholars.”

Jiao, Dan: electrical and computer engineering, from Semiconductor Research Corporation, $100,000, “Accurate and Efficient Signaling Analysis of Non-Linear Circuits and Systems; Amendment 2 (Grant 208464).”


Johnson, Carla J: curriculum and instruction, from Battelle Memorial Institute, $101,526, “Battelle – Army Educational Outreach Program Cooperative Agreement; Modification7; Grant 108058.”


Johnston, Cliff T: agronomy, from Michigan State University, $4,332, “Geochemical Controls on the Adsorption, Bioavailability, and Long-Term Environmental Fate of Polychlorinated Dibenzo-P-Dioxins (PCDDs): Amendment 6; Grant 106793.”

Jun, Martin Byung-Guk: mechanical engineering, from Korea Institute of Industrial Technology, $75,792, “Development of Manufacturing System for CFRP (Carbon Fiber Reinforced Plastics) Machining.”


Katare, Bhagyashree: agricultural economics, from Lynn Interdisciplinary Graduate Fellowship, $29,526, “Wahdat, Ahmad.”

Kelley to Kuang

**Kelley, Todd R; Bryan, Lynn A** and **Holland, Jeffrey D;** technology, leadership, and innovation, curriculum and instruction, entomology, from National Science Foundation, $320,907, “I-Test: Teachers and Researchers Advancing Integrated Lessons in Science, Technology, Engineering and Mathematics (STEM) (TRAILS).”

**Key, Nicole L; Meyer, Terrence R** and **Sliipchenko, Mikhail N;** mechanical engineering, from Rolls-Royce, Inc., $75,000, “Development of PIV Techniques for Multistage Compressors.”

**Kihara, Daisuke:** biological sciences, from Showalter Trust, $5,000, “2013 Showalter Awards.”

**Kildishev, Alexander V:** electrical and computer engineering, from Pennsylvania State University, $95,000, “Acteom – Advanced Computational Toolkit for Engineered Optical Materials; Amendment 1.”

**Kim, Kee Hong:** food sciences, from Showalter Trust, $5,000, “FY18 Showalter Scholars.”

**Kirkpatrick, Jane M:** nursing, from Health Resources and Services Administration, $112,944, “Health Center Cluster.”

**Klimeck, Gerhard; Madhavan, Krishna; Strachan, Alejandro H; Zentner, Lynn K** and **Zentner, Michael G:** electrical and computer engineering, engineering education, materials engineering, RCAC, from National Science Foundation, $2,000,000, “Network for Computational Nanotechnology Cyber Platform.” (a Discovery Park award – Network for Computational Nanotechnology)

**Klimeck, Gerhard:** electrical and computer engineering, from The Boeing Company, $50,000, “Network for Computational Nanotechnology (NCN) Membership.”

**Kluender, Keith R:** speech, language and hearing sciences, from Purdue Doctoral Program, $20,799, “Kueser, Justin.”

**Kluender, Keith R:** speech, language and hearing sciences, from Knox, David M. Endowment, $21,229, “Keith Kluender.”

**Kluender, Keith R:** speech, language and hearing sciences, from Chappelle, $21,229, “Braden, Stacias.”

**Kluender, Keith R:** speech, language and hearing sciences, from Chappelle, $21,229, “Lutz, Jenas.”

**Kluender, Keith R:** speech, language and hearing sciences, from Chappelle, $21,229, “Barnes, Sarah.”

**Kluender, Keith R:** speech, language and hearing sciences, from Chappelle, $21,229, “Kresca, Brookes.”

**Kokini, Klod; Okuniewski, Maria A** and **Szyuk, Tatyana S:** nuclear engineering, materials engineering, from Nuclear Regulatory Commission, $450,000, “Faculty Development Grant for Nuclear Faculty at Purdue.”

**Kokini, Klod:** mechanical engineering, from Nuclear Regulatory Commission, $286,667, “U.S. Nuclear Regulatory Commission Nuclear Education Program Faculty Development Grant Program.”

**Kong, Nan; Purzer, Senay** and **Payne, Lindsey B:** biomedical engineering, engineering education, Center for Instructional Excellence, from National Science Foundation, $199,818, “Research Initiation: Enhancing the Learning Outcomes of Empathic Innovation in Longevity Engineering.”

**Konieczny, Stephen F:** biological sciences, from Ross Graduate Fellowship-Assistantship, $18,874, “Flower, Sharleen.”

**Konieczny, Stephen F:** biological sciences, from Purdue Doctoral Program, $22,729, “Camara, Ali.”

**Konieczny, Stephen F:** biological sciences, from Purdue Doctoral Program, $22,729, “Gonzalez, Breda.”

**Konieczny, Stephen F:** biological sciences, from Ross Graduate Fellowship-Assistantship, $18,874, “Trapp, Rebecca.”

**Konieczny, Stephen F:** biological sciences, from Purdue University F N Andrews Fellowship, $29,526, “Sparks, Morgan.”

**Konieczny, Stephen F:** biological sciences, from Winifred B. Bilsland Endowment, $11,229, “Orellana, Esteban.”

**Konieczny, Stephen F:** biological sciences, from Ross Graduate Fellowship-Assistantship, $18,874, “Srinibasan, Karthik.”

**Konieczny, Stephen F:** biological sciences, from Winifred B. Bilsland Endowment, $11,229, “Morman, Rosemary.”

**Koziol, Jennifer H; Yingst, Samuel L; Funnell, Bethany J; Hammac, Gena K** and **Ruple, Audrey:** veterinary clinical sciences, comparative pathobiology, from Theriogenology Foundation, $5,000, “Description of the Preputial Microbiota of Bulls Using 16S r-DNA Profiling.”

**Krause, Jane E:** pharmacy practice, from Ohio State University, $1,000, “Generation Rx University Implementation Grant – Purdue University.”

**Kreisle, Regina A:** comparative pathobiology, from Indiana University, $17,817, “FY18 Indiana University School of Medicine (IUSM) Lafayette Student Activity Fund – PO 2005829.”

**Kreisle, Regina A:** medical education, from Indiana University, $2,520,917, “FY17-18Indiana University School of Medicine (IUSM)-Lafayette General Fund.”

**Kreisle, Regina A:** comparative pathobiology, from Indiana University, $9,782, “FY18 Indiana University School of Medicine (IUSM)-Lafayette Life Cycle Fund – PO 2005823.”

**Kreisle, Regina A:** comparative pathobiology, from Indiana University, $17,817, “FY18 Indiana University School of Medicine (IUSM)-Lafayette Student Life Cycle Fund – PO 2005828.”

**Kreisle, Regina A:** medical education, from Indiana University, $2,520,917, “FY18 Indiana University School of Medicine (IUSM)-Lafayette Student and Faculty Recruitment and Retention – PO 2005824.”

**Krogmeier, James V:** electrical and computer engineering, from Producers Marketing Association, $5,000, “Open Ag Technology Group.”

**Krogmeier, James V:** electrical and computer engineering, from Primuslabs, $5,000, “Open Ag Technology Group.”

**Kuang, Shihuan:** animal sciences, from Showalter Trust, $5,000, “2015 Showalter Scholar Awards.”

**Kuang, Shihuan** and **Yue, Feng:** animal sciences, from Muscular Dystrophy Association, $175,409, “Therapeutic Potential of PTEN Inhibition in Duchenne Muscular Dystrophy.”
Kuhn to Marconnet

Kuhn, Richard J; biological sciences, from Purdue Doctoral Program, $29,526, “Nicholls, Conrad.”

Kulkarni, Milind; electrical and computer engineering, from National Science Foundation, $200,000, “SPX: Collaborative Research: Eat Your Wheaties: Multi-Grain Compilers for Parallel Builds at Every Scale.”

Lacount, Douglas J; medicinal chemistry and molecular pharmacology, from Washington University, $255,750, “Defining the Role of Host Factors in Ebola Virus RNA Synthesis; Amendment 1; (Grant 108525).”

Lang, Rafael F; physics and astronomy, from National Science Foundation, $191,900, “Collaborative Research: Continuation of the Dark Matter Search with Xenon1T and its Upgrade Xenonnt at LNGS.”

Latin, Richard X; botany and plant pathology, from Syngenta Crop Protection Inc., $18,000, “Turfgrass Disease Research.”

Lee, Linda S; agronomy, from Lynn Interdisciplinary Graduate Fellowship, $29,526, “Ferdous, Israt.”

Lenz, Stephen D; pharmacology, from PHS-FDA Food and Drug Administration, $34,500, “CVM Vet-LIRN Veterinary Diagnostic Laboratory Program.”


Li, Tonglei; civil engineering, from Indiana University, $46,847, “Development of Rapid Response Research (RAPID) Antimicrobial Susceptibility Testing.”


Liu, Zhongming; biomedical engineering, from PHS-NIH National Institute of Mental Health, $51,971, “Multimodal Hyperspectral Imaging of Brain Activity and Connectivity.”

Love-Tillotson, Jennifer M; nutrition science, from Tipmont REMC, $1,000, “Pack a Backpack 2017 – Tipmont REMC.”

Lu, Mengshi; management, from National Science Foundation, $125,000, “Collaborative Research: Emerging Optimization Methods for Planning and Operating Shared Mobility Systems Under Uncertain Budget and Market Demand.”

Lu, Na; civil engineering, from Indiana University, $46,847, “Development of Rapid Response Research (RAPID) Antimicrobial Susceptibility Testing.”


Lusk, Jayson L; agricultural economics, from Ross Graduate Fellowship-Assistantship, $31,904, “Grant, Alison.”

Lusk, Jayson L; agricultural economics, from Purdue University F N Andrews Fellowship, $31,904, “Moon, Dongwoi.”

Lynall, Matthew D; management, from National Science Foundation, $50,000, “I-Corps Team – Tri-D Dynamics.”

Lynch, Cyndi D; graduate school administration, from Purdue University Special Initiative Program, $29,884, “Wu, Hsin-Man.”

Lynch, Cyndi D; graduate school administration, from Purdue University Special Initiative Program, $29,884, “Owusu Attah, Prince.”

Lynch, Cyndi D; graduate school administration, from Purdue University Special Initiative Program, $29,884, “Roshn Kotian, Romika.”


Ma, Zhao; Bauchet, Jonathan and Zanotti, Laura C; forestry and natural resources, consumer science, anthropology, from National Science Foundation, $274,253, “Co-Producing Environmental Conservation and Social Equity: is Conditionality in Payments for Ecosystem Services.”

MacDermid Wadsworth, Shelley and Broniarczyk, Kathy M; human development and family studies, from Veterans Affairs, Department of, $4,927, “Intergovernmental Personnel Assignment (IPA) with Mn Veterans Administration for Kathy Broniarczyk.”

Marais, Karen; Felisberto Martins Ribeiro, Bruno and Panchal, Jitesh H; aeronautics and astronautics, computer science, mechanical engineering, from Stevens Institute of Technology, $20,000, “Data Science Approaches to Prevent Failures in Systems Engineering.”

Marconnet, Amy M; mechanical engineering, from Ford Motor Company, $37,500, “Voluntary Support Ford.”
Martin to Mishra

Martin, Craig D.; Patti and Rusty Rueff Department of Visual and Performing Arts, from Indiana Arts Commission, $5,000, “Purdue Galleries – Iac Arts Project Support.”

Mason, Linda J.; graduate school administration, from Purdue University Special Initiative Program, $31,702, “Vanek, Shannukeswar.”

Mason, Linda J.; graduate school administration, from Purdue University Special Initiative Program, $31,702, “Siddareddy, Sovmya.”

Mason, Linda J.; graduate school administration, from Purdue University Special Initiative Program, $31,702, “Viswanath, Nandita.”

Mason, Linda J.; graduate school administration, from Purdue University Special Initiative Program, $31,702, “Rai, Swapnil.”

Mason, Linda J.; graduate school administration, from Purdue University Special Initiative Program, $31,702, “Rani, Divya.”

Mason, Linda J.; graduate school administration, from Purdue University Special Initiative Program, $31,702, “Mishra, Dharmendra.”

Mattoo, Seema; biological sciences, from Purdue University, $30,000, “Role of Fic Proteins in Cellular Signaling.”

Mattoo, Seema; biological sciences, from Purdue University, $30,000, “Role of Fic Proteins in Cellular Signaling.”

Mayer, Lisa J.; food sciences, from International Association for Food Protection, $2,000, “Multi-Sponsored Gift.”

Mayer, Lisa J.; food sciences, from Purdue University Special Initiative Program, $31,702, “Power Goes.”

Maynard, Elizabeth T.; horticulture and landscape architecture, from Purdue University, $900, “Research for 1995 Vegetable Variety Trial Program.”

Maynard, Elizabeth T.; horticulture and landscape architecture, from Johnny’s Selected Seeds, $800, “Research for 1995 Vegetable Variety Trial Program.”

McCann, Maureen C.; Huetteman, Carl A.; Mosier, Nathan S.; Agrawal, Rakesh; Kenttamaa, Hilkka I.; Carpita, Nicholas C.; Chapple, Clint C S.; Delgass, W Nicholas; Meilan, Richard and Ribeiro, Fabio H.; biological sciences, agricultural and biological engineering, chemical engineering, chemistry, botany and plant pathology, biochemistry, forestry and natural resources, from U.S. Department of Energy, $2,114,750, “Center for Direct Catalytic Conversion of Biomass to Biofuels (C3Bio).”

McCann, Maureen C.; Dietz, James Eric and Sharma, Pankaj; biological sciences, computer and information technology, comparative pathobiology, from Office of Naval Research, $199,970, “Power and Energy: a Science, Technology, Engineering and Mathematics (STEM) Program to Inspire Leadership in S and T for the Workforce of the Future Fleet.” (a Discovery Park award – the Energy Center)


McMillan, Sara K.; agricultural and biological engineering, from Purdue University F N Andrews Fellowship, $29,176, “Johnson, Alexander.”

McMillan, Sara K.; agricultural and biological engineering, from Purdue University F N Andrews Fellowship, $22,387, “Scarlette, Rachel.”

Melosh, Henry J.; physics and astronomy, from National Aeronautics and Space Administration, $218,222, “Hazards from Intense Meteoroid Fireballs.”

Melosh, Henry J. and Freed, Andrew M.; physics and astronomy, earth, atmospheric, and planetary science, from National Aeronautics and Space Administration, $159,555, “An Incremental Ice-Wedging Model for Europas Ridges.”


Minton, David A.; earth, atmospheric, and planetary science, from National Aeronautics and Space Administration, $45,000, “Modeling the Formation of Phobos and Deimos from a Debris Disk with Impacts.”

Minton, David A.; earth, atmospheric, and planetary science, from National Aeronautics and Space Administration, $45,000, “Modeling the Evolution of Lunar Impact Glasses – Nesf Fellowship for Ya-Huei Huang.”

Minton, David A. and Melosh, Henry J.; earth, atmospheric, and planetary science, from National Aeronautics and Space Administration, $179,574, “Constraining Lunar Crater Saturation by Modeling Gravity Recovery and Interior Lab (GRAIL) Porosity.”

Minton, David A.; earth, atmospheric, and planetary science, from National Aeronautics and Space Administration, $30,000, “Modeling the Formation of Phobos and Deimos from a Debris Disk with Impacts.”


Mishra, Dharmendra K.; food sciences, from Purdue Doctoral Program, $31,904, “Chapa, James.”
Mitchell to Rajwa

Mitchell, Cary A; horticulture and landscape architecture, from Kennedy Space Center, $15,000, “Pick-and-Eat Salad-Crop Productivity, Nutritional Value, and Acceptability to Supplement the ISS Food System.”

Mohammadi, Mohsen; agronomy, from American Malting Barley Association, Inc., $2,000, “Winter and Spring Malt Barley Assessment to Support the Growing Midwest Brewing and Malting Industry.”

Mohammed, Sulma I; comparative pathobiology, from Purdue Doctoral Program, $31,399, “Torres Liquis, Odalys.”

Molnar, Denes; physics and astronomy, from U.S. Department of Energy, $67,519, “Transition from Dissipative Fluid Dynamics to Particles in Heavy Ion Collisions.”

Mosier, Nathan S and Tao, Bernard Y; agricultural and biological engineering, from Indiana Soybean Alliance, $55,895, “Soy-Based Wood Sealant Testing and Development.”

Mosier, Nathan S; agricultural and biological engineering, from Indiana Soybean Alliance, $117,931, “Student Soybean Innovation Contest.”

Mudawar, Issam; mechanical engineering, from National Aeronautics and Space Administration, $85,000, “Flow Boiling and Condensation Experiment (FBCE).”

Mukherjee, Partha P; mechanical engineering, from Office of Naval Research, $3,979, “Mesoscale Interactions in Lithium Plating/Dendrite Formation.”

Nagy, Zoltan; chemical engineering, from Purdue Doctoral Program, $21,229, “Mackey, Jaron.”

Nakatsu, Cindy H; agronomy, from U.S. Geological Survey, $32,500, “Genomic Analysis of Microbial Communities in Degraded Ecosystems.”

Nalam, Vamsi J; biology, from Indiana Academy of Science, $1,402, “Glycine Max Phytoalexin Deficient 4 and Alternatively Spliced Variant Subcellular Localization in Transformed Protoplasts.”

Naung, Eric A; mechanical engineering, from Purdue Doctoral Program, $31,904, “Lee, Taylor.”

Nie, Linda H; health sciences, from Harvard School of Public Health, $51,700, “Early and Late-Life Metal Exposures and Alzheimer’s Disease; Amendment 3.”

Niser, John C; hospitality and tourism management, from University of Technology Tralee, $500, “HSD Consortium.”

Niyoji, Dewdutta S; agronomy, from Winifred B. Bilsland Endowment, $10,729, “Liu, Xing.”

Nnanna, Agbai Agwu; mechanical and civil engineering, from America Society of Heating, Refrigerating and Air Conditioning Engineers Inc, $5,000, “Design of Thermoelectric Cooler in Air Duct System.”


Peeta, Srinivas; civil engineering, from National Science Foundation, $219,497, “Collaborative Research: Statistical Learning, Driving Simulator-Based Modeling, and Computationally Tractable Dynamic Traffic Assignment.”

Peck, Joseph F; chemical engineering, from United States Military Academy, $100,000, “Developing Best Practices in Civilian Military Educational Partnerships: an Environmental Law Case Study.”

Peroulis, Dimitrios; electrical and computer engineering, from Harris Corporation, $75,000, “Center for Electronic Defense Systems (CEDS) Consortium.”

Peroulis, Dimitrios; electrical and computer engineering, from BAE Systems Advanced Technologies, Inc., $150,000, “Fundamental Research (FSSR Program); Modification 6; Grant 108127.” (a Discovery Park award – Birck Nanotechnology Center)

Pourpoint, Timothee L; Ramachandran, P Veeraraghavan and Bane, Sally P M; aeronautics and astronautics, from NASA, $144,969, “E2CDA Type I: Collaborative Research: a Fast 70mv Transistor Technology for Ultra-Low-Energy Computing.” (a Discovery Park award – Network for Computational Nanotechnology)

Powley, Terry L; Irazoqui, Pedro; Liu, Zhongming; Phillips, Robert J; Rajwa, Bartlomiej P; Rickus, Jenna L; Robinson, Joseph Paul and Ward, Matthew Peter; psychological science, electrical and computer engineering, basic medical sciences, agricultural and biological engineering, biomedical engineering, from PHS-NIH Office of the Director, $2,266,594, “Mapping Stomach Autonomic Circuitry and Function for Neuromodulation of Gastric Disorders.”

Prabhakar, Sunil K; computer science, from Air Force Research Laboratory, $609,460, “Quelea: Verified Compilation of Weakly-Consistent Distributed Systems; Amendment 1; Grant 108697.”

Prabhakar, Sunil K; computer science, from Air Force Research Laboratory, $609,460, “Quelea: Verified Compilation of Weakly-Consistent Distributed Systems.”

Prakash, Arun; civil engineering, from David M. Knox Endowment, $21,229, “Vicksman, Andi.”

Purcell, Lindsey A; forestry and natural resources, from Duke Energy Foundation, $7,500, “Voluntary Support – Purcell.”

Pyrak-Nolte, Laura J; physics and astronomy, from Lawrence Berkeley National Laboratory, $140,000, “Center for Nanoscale Controls on Geologic CO2 (NCGC).”

Qiao, Li; aeronautics and astronautics, from Winifred B. Bilsland Endowment, $15,926, “Jain, Shourya.”

Qu, Ming; civil engineering, from Ross Graduate Fellowship-Assistantship, $30,389, “Yang, Zhiyao.”

Radcliffe, John Scott; animal sciences, from Agricultural Research Service, $22,239, “Evaluating the Effects of Climate Change on Livestock Physiology and Well-Being.”

Rajwa, Bartlomiej P; basic medical sciences, from J M Malone and Son Inc, $4,962, “Cytometry Analysis of Triploid in Ctenopharyngodon Idella Embryos.” (a Discovery Park award – Bindley Bioscience Center)
Raman to Schultheiss

Raman, Arvind; Bajaj, Anil Kumar and Reifenberger, Ronald G; mechanical engineering, physics and astronomy, from National Science Foundation, $542,406, “Grant Opportunities for Academic Liaison with Industry (GOALI): Multi-Frequency Dynamics in the Atomic Force Microscope.”

Ramanathan, Shriram; materials engineering, from Physical Sciences, Inc., $50,000, “Switchable Infrared Filter.”


Ratliff, Timothy L; comparative pathobiology, from Indiana Elks Charities Inc., $130,000, “Indiana Elks Charities Inc.(2).”

Ratliff, Timothy L; Executive Vice President for Research and Partnerships, from PHS-NIH National Cancer Institute, $115,310, “Cancer Center Support Grant (Core).”

Rayz, Vitaliy L; biomedical engineering, from PHS-NIH National Heart, Lung and Blood Institute, $176,365, “Image-Based Numerical Predictions of Hemodynamics Following Ventricular Interventions.”

Ribeiro, Bruno; chemical engineering, from Raytheon, $43,220, “Discovering Network Processes in Time-Evolving Networks.”

Ribeiro, Fabio H and Gounder, Rajamani P; chemical engineering, from Cummins, Inc., $140,000, “Ammonia Selective Catalytic Reduction (SCR) on Cu Catalysts.”

Richert, Brian T and Radcliffe, John Scott; animal sciences, from Elanco Animal Health, $43,536, “Efficacy Study to Assess the Effect of Hemicell Httm 1.5x, Appellustm, and the Combination of, in Corn-Soybean Meal Diets Containing Dry Distillers Grains with Solubles (DDGS) on Growth Performance of Nursery Pigs.”

Richmond, Douglas Scott; entomology, from Agricultural Research Service, $5,000, “Biological Control of Black Cutworm in Turf with Baculovirus.”

Ridgway, Kenneth D; earth, atmospheric, and planetary science, from National Science Foundation, $5,115, “Collaborative Research: Investigating Controls on Temporal-Spatial Heterogeneous Deformation Along a Transpressive Strike-Slip Fault System: the Eastern Denali Fault Corner.”

Riley, Donna M; engineering education, from George Washington Carver Fellowship, $26,987, “Lewter, Harriet.”

Riley, Donna M; engineering education, from George Washington Carver Fellowship, $22,386, “Dandridge, Tikyna.”

Robicheaux, Francis J; physics and astronomy, from National Science Foundation, $44,944, “Interactions with and Between Rydberg Atoms.”

Rogat, Toni K; educational studies, from Spencer Foundation, $47,655, “Students Perceptions of Motivational Practices and Norms within Inquiry-Based Science Curricular Contexts, with Implications for Sustained Motivation and Engagement.”

Rolllock, David; psychological science, from Purdue University F N Andrews Fellowship, $18,528, “Rague, Lisa.”

Rolllock, David; psychological science, from Lynn Interdisciplinary Graduate Fellowship, $18,874, “Kon, Maria.”

Rolllock, David; psychological science, from Purdue University Special Initiative Program, $20,479, “Mallory, Drew.”

Rompf, Tiark; computer science, from U.S. Department of Energy, $150,000, “Program Generators for Exascale and Beyond.”

Rossmann, Michael G; biological sciences, from PHS-NIH National Institute of Allergy and Infectious Diseases, $481,534, “Structure and Function of Icosahedral Viruses.”

Rossmann, Michael G; biological sciences, from National Science Foundation, $408,550, “X-Ray Determinations of Proteins and Viruses.”

Roy, Kaushik; Datta, Supriyo and Raghunathan, Anand; electrical and computer engineering, from University of Minnesota, $49,000, “Center for Spintronic Materials, Interfaces and Novel Architectures – C-Spin.”

Roy, Kaushik; electrical and computer engineering, from Purdue University F N Andrews Fellowship, $31,904, “Agrawal, Amogh.”

Ruan, Xiulin; mechanical engineering, from University of California-Merced, $17,232, “Purdue-UCM Collaboration for Simulation of Nanoscale Contacts.”

Samarakunigala, Ala; Clase, Kari L; Gardner, Stephanie M; Pelaez, Nancy and Rogat, Aaron D; educational studies, technology, leadership, and innovation, biological sciences, from National Science Foundation, $786,089, “Exploring Biological Evidence (EBE): Helping Students Understand the Richness and Complexity of Evidentiary Constructs in Biology.”

Sangid, Michael D; aeronautics and astronautics, electrical and computer engineering, from National Science Foundation, $446,206, “Investigation of Heterogeneous Deformation for Discontinuous Fiber Composites through Combined Experiments and Modeling.”

Sangid, Michael D; aeronautics and astronautics, from Honeywell Inc., $335,611, “Rapid Response Research (RAPID) Low Cost Additive Manufacturing, Optional Task 12 Next Generation ICME.”

Sanmiguel, Sandra F; Burgess, Wilella Daniels; Parker, Loran Carlston and Cipriani, Kauline S; veterinary medicine, education-administration, from PHS-NIH Office of the Director, $23,660, “This is How We Role: Inspiring Future Researchers through Veterinary Medicine.”

Santerre, Charles R; nutrition science, from Purdue Doctoral Program, $21,229, “Kiper, Keturah.”

Schmitt, Sara A and Purpura, David J; human development and family studies, from Oregon State University, $30,439, “Red Light, Purple Light! Developing a Self-Regulation Intervention for Children at-Risk for School Difficulty, Amendment 2; (Grant 107841).”

Schneider, Steven P; aeronautics and astronautics, from Air Force Office of Scientific Research, $80,000, “Towards a Process for Calibrating 1-Mhz Pressure-Fluctuation Sensors with Small Pressure Steps in a Shock Tube.”

Schneider, Steven P; aeronautics and astronautics, from Raytheon Systems Company, $36,705, “Raytheon Experiments with a Forward-Facing Cavity in the Mach-6 Quiet Tunnel.”

Schultheiss, Nathan C and Holloway, Eric A; chemical engineering, engineering administration and engineering experiment station, from Pioneer Oil Company, $97,490, “Funding of EOR Lab Manager, Dr. Rituraj Borgohain.”
Scott to Tarko

Scott, David E; Office of the Indiana State Chemist, from Environmental Protection Agency, $146,413, "FY 2017 EPA Pesticide Cooperative Agreement."

Scott-Moncrieff, Joanna C R; veterinary clinical sciences, from N Central Veterinary Emergency Center, $5,097, “ECC Residency Training Program.”

Sepulveda, Maria Soledad; forestry and natural resources, from Showalter Trust, $5,000, “2015 Showalter Scholar Awards.”

Sepulveda, Maria Soledad; Hoverman, Jason T and Lee, Linda S; forestry and natural resources, agronomy, from Department of the Army, $100,000, "Development of Amphibian Poly- and Perfluoroalkyl Substances Toxicity Reference Values for Use in Ecological Risk Assessment at Aqueous Film Forming Foam Sites; Modification 3; Grant 108326."

Shah, Kavita; Center for Cancer Research, from National Science Foundation, $500,000, "A Bio-Orthogonal Approach for Identifying Direct Kinase Substrates and Their Phosphorylation Sites."

Shakouri, Ali; electrical and computer engineering, from Landauer Inc., $35,000, "Consortium on Printing and Scalable Manufacturing of Aware and Responsive Thin Films (SMART)."

Shan, Jie and Habib, Ayman F; civil engineering, from Army Research Office, $401,887, "Scene Modeling through Multi-Modal Geospatial Data Fusion."

Shepson, Paul B; chemistry, from Environmental Defense Fund, $20,000, “Power-Plant Methane Emissions Study."

Shih, Tom I-P; aeronautics and astronautics, from Purdue Doctoral Program, $31,904, "McClain, Monique."

Shih, Tom I-P; aeronautics and astronautics, from Ames Laboratory, $100,000, "Computational Analysis of Advanced Cooling Strategies for High-Efficiency and Long-Service Life Turbines; Amendment 24; [Grant 104396]."

Shih, Tom I-P; aeronautics and astronautics, from GS Bridge Assistantships, $20,399, "Agrawal, Rachana."

Simpson, Garth J; chemistry, from Merck Sharp and Dohme Corp, $53,000, "Tricholuminescence: Fast Detection of Crystallinity in Amorphous Solid Dispersions."

Siskind, Jeffrey M; Malaia, Evgenia A and Wilbur, Ronnie B; electrical and computer engineering, interdisciplinary studies, speech, language and hearing sciences, from National Science Foundation, $1,000,000, “NCS-FO: Neuroimaging to Advance Computer Vision, NLP, and AI.”

Sivasankar, Preeti Mahalakshmi; Durkess, Abigail C; Calve, Sarah and Liu, Zhongming; speech, language and hearing sciences, comparative pathobiology, biomedical engineering, from PHS-NIH National Institute on Deafness and Other Communication Disorders, $314,985, "Pathobiology and Biomechanics of Vocal Fold Dehydration."


Snow, Lowell D; Technical Assistance Program, from National Institute of Standards and Technology, $2,758,688, “FFO 2014-NIST-01, Award Competition for Indiana Hollings NIST MEP Center YR2 Continuation; Amendment 4.”

Snyder, Margie E; pharmacy practice, from Indiana University, $1,000, "Bench Fees Imps Program Matthew Hollowel."

Solomon, Kevin V; agricultural and biological engineering, from Pioneer Oil Company, $55,607, "Microbial Enhanced Oil Recovery via in Situ Activation of Native Microbes with Custom Nutrient Formulations."

Solorio, Luis; biomedical engineering, from Ross Graduate Fellowship-Assistantship, $30,389, “Hopkins, Kelsey."

Solorio, Luis; biomedical engineering, from Purdue Doctoral Program, $29,526, "Hakim, Mazin."

Son, Steven F; mechanical engineering, from National Aeronautics and Space Administration, $74,000, "High-Frequency Surface and Near-Surface Temperature Measurements of Burning Solids – Fellowship for Westphal."

Son, Steven F; mechanical engineering, from University of Notre Dame, $257,713, "Shock Wave Processing of Advanced Reactive Materials Experiments; Modification 7 [Grant 106828]."

Springer, John A and Dark, Melissa Jane; computer and information technology, from National Security Agency, $832,465, "Insure 3.0: Insuring the Effectiveness of Tomorrow's Cybersecurity Workforce Today."

Stauffacher, Cynthia V; biological sciences, from University of Notre Dame, $1,42,596, “Determination of Structure, Dynamics and Energetics of Enzyme Reactions.”

Stewart, Kara R; animal sciences, from Cook Research Incorporated, $19,833, "Non-GLP Evaluation of Bioequivalence of Fenbendazole."

Sudhoff, Scott D; electrical and computer engineering, from National Renewable Energy Laboratory, $33,333, "SuNLaMP AMPVI: Develop Magnetics Design Optimization Tool and Design and Construct Optimized Power Magnets; Modification 8; Grant 108167."

Sullivan, John P; aeronautics and astronautics, from Brigham Young University, $2,500, "Development and Delivery of Aerospace Capstone Project Q4 2013-Q4 2016."


Talley, Cody R; field extension educators, from Franklin Cty Community Foundation, Inc, $300, "Dining with Diabetes."

Tao, Weiguo Andy and Zhang, Dabao; biochemistry, statistics, from PHS-NIH National Institute of General Medical Science, $301,502, "A Proteomic Platform to Identify and Validate Biomarkers in Metabolic Syndrome and Coronary Artery Disease."

Tarko, Andrew P; Romero, Mario A and Thomaz, Jose E; civil engineering, from Indiana Department of Transportation, $128,240, “SPR-4217: Speed Management in Small Cities and Towns / Guide lines for Indiana."

Tarko, Andrew P; Romero, Mario A and Thomaz, Jose E; civil engineering, from Indiana Department of Transportation, $118,894, “SPR-4219: SNIP Light.”

Tarko, Andrew P and Romero, Mario A; civil engineering, from Indiana Department of Transportation, $67,568, “SPR-4216: Statistical Analysis of Safety Improvements and Integration into Project Design Process.”
Tawarmalani to Wirth

Tawarmalani, Mohit: management, from National Science Foundation, $396,424, “Collaborative Research: New Relaxations for Optimization Problems with Cardinality Constraints.”


Thompson, Corey M: chemistry, from Oak Ridge Associated Universities, $5,000, “ORAU Ralph E. Poe Junior Faculty Enhancement Awards.”

Tillman, Margaret M: history, from American Council of Learned Societies, $50,000, “Tested: Cultivating Talent and China’s Standardized Exams, 1905-1977.”

Tobias, Justin L: economics, from Ross Graduate Fellowship-Assistantship, $15,243, “Kebede, Daniel.”

Tonnson, Bridgette L: psychological science, from University of South Carolina, $17,583, “Emergence and Stability of Autism in Fragile X Syndrome.”

Topp, Elizabeth M: industrial and physical pharmacy, from Hoffmann-La Roche Inc., $50,000, “Solid-State Hydrogen/Deuterium Exchange with Mass Spectrometric Analysis (Sshdx-MS) for a Lyophilized Monoclonal Antibody (Mab).”

Towns, Marcy H: chemistry, from National Science Foundation, $9,052, “Investigating Student Understanding of Chemical Kinetics.”

Tu, Manghui and Yang, Shuhui: computer information technology and graphics, mathematics, statistics and computer science, from National Security Agency, $90,499, “A Core Cybersecurity Course Development: Secure Programming in an Immersive Learning Environment; Modification 1; Grant 108895.”

Tu, Manghui; Jin, Ge; Kim, Tae-Hoon and Trekles, Anastasia M: computer information technology and graphics, education, from National Science Foundation, $482,926, “Expanding the Pipeline: Immersive Learning Curriculum Development for High School Cybersecurity Education.”

Tung, Wen-Wen: earth, atmospheric, and planetary science, from Ross Graduate Fellowship-Assistantship, $29,526, “Zhang, Chen.”

Tyner, Wallace E: agricultural economics, from Antares Group Inc, $86,448, “Enabling Sustainable Landscape Design for Continued Improvement of Operating Bioenergy Supply Systems; Modification 1; Grant 108355.”

Tyner, Wallace E and Taheripour, Farzad: agricultural economics, from Federal Aviation Administration, $400,000, “Techno-Economic and Life-Cycle Analysis of Alternative Aviation Biofuels Supply Chains.”

Uyeda, Christopher H: chemistry, from PHS-NIH National Institute of General Medical Science, $354,071, “Transition Metal Catalyzed Reductive Carbene Transfer Reactions.”

Vacca, Andrea: agricultural and biological engineering, from National Science Foundation, $4,592, “Novel Concept for Variable Delivery Flow Units for Fluid Power Applications.”


Velasquez, Juan D and Nauman, Eric A: engineering administration and engineering experiment station, from Colfuturo, $49,998, “Latin American Technical, Research and Administration Leaders Program (Lateral).”


Vyn, Tony J: agronomy, from Valent Biosciences Corporation, $10,000, “2017 Soybean Field Trial.”

Wang, Changyou: mathematics, from Simons Foundation, $42,000, “Hydrodynamics of Nematic Liquid Crystals, L-Infinity Variational Problems.”

Weake, Vikki Marie: biochemistry, from PHS-NIH National Eye Institute, $38,166, “Epigenetic Regulation of Gene Expression in the Aging Eye.”

Weatherman, Kara Duncan: pharmacy practice, from Cardinal Health, $10,000, “2017 Cardinal Health Nuclear Pharmacy Scholarship.”

Weatherman, Kara Duncan: pharmacy practice, from Indiana University School of Medicine, $2,600, “Teaching Nuclear Medicine Technology Course at IU (PO 2031088).”

Weaver, Connie M; Cooper, Bruce R; Ferruzzi, Mario; McCabe, George P and Janle, Elsa M: nutrition science, biological sciences, statistics, from PHS-NIH National Center for Complimentary and Alternative Medicine, $741,460, “Berries and Bones.”

Weaver, Connie M and Ferruzzi, Mario: food sciences, from Agricultural Research Service, $16,000, “Adaptation in Polyphenol Bioavailability and Anti-Inflammatory Activity During Long Term Exposure to Polyphenol-Rich Fruits and Beverages in Lean and Obese Individuals.”

Weinstein, Dana: electrical and computer engineering, from Intel Corporation, $300,000, “Intel Labs: Gan on Linbo3 Programmable Radio Frequency (RF) Filters; Amendment 2; (Grant 209422).”

Wells, Ellen M; Harris, Jason T; Park, Jae Hong; Rosenthal, Frank S and Zheng, Wei: health sciences, from PHS-CDC National Institute of Occupation, Safety, Health, $150,000, “Occupational Safety and Health Training Grant.”

Welp-Smith, Lisa R: earth, atmospheric, and planetary science, from Purdue Doctoral Program, $33,419, “Meyer, Alexandra.”

Widhalm, Joshua R: horticulture and landscape architecture, from EnP Investments, $7,970, “EnP Investments.”

Wirth, Mary J: chemistry, from Merck Sharp and Dohme Corp, $50,000, “Development of Mass Spectrometry Compatible Hydrophobic Interaction Chromatography for Protein Analysis, and Evaluation of Nonporous Sub-Micron Particle Chromatography Column.”
Xin to Zwier

Xin, Yan Ping; Kastberg, Signe E and Chen, Yingjie; educational studies, curriculum and instruction, computer graphics technology, from National Science Foundation, $112,659, “Conceptual Model-Based Problem Solving (COMPS): A Response to Intervention Program.”

Xu, Xianfan; mechanical engineering, from Advancement Storage Technology Consortium, $70,000, “Characterization of Optical Size and Efficiency of Near-Field Transducer Using Scattering Scanning Near-Field Microscopy.”

Yeo, Yoon; industrial and physical pharmacy, from Showalter Trust, $5,000, “2014 Showalter Awards.”

Yeo, Yoon; Elzey, Bennett D and Galinsky, Raymond E; industrial and physical pharmacy, comparative pathobiology, from PHS-NIH National Institute of Biomedical Imaging and Bioengineering, $27,900, “Environmentally-Adaptive Nanoparticles with Focal Irradiation for Cancer Therapy.”

Yih, Yuehwern; industrial engineering, from Lima Links, $9,897, “Rural Agriculture Supply Chain Analysis in Zambia.”

Young, Bryan G; botany and plant pathology, from Ross Graduate Fellowship-Assistantship, $29,526, “Steppig, Nicholas.”

Youngblood, Jeffrey P; materials engineering, from US Endowment Forestry Communities, $331,000, “Scaled Continuous Production of High Strength and Toughness Cellulose Nanofibril Laminates for Structural Applications.”

Yu, Jae Hoon David; civil engineering, from Royal Melbourne Institute of Technology, $6,871, “Operational Paradigm for the Engineering Resilience of the Interdependent Infrastructure Systems.”

Zaspel, Jennifer M and Earns, Eugenio H; entomology, from National Science Foundation, $148,382, “CSBR: Natural History: Rehabilitation and Revitalization of the Purdue Entomological Research Collection.”

Zavattieri, Pablo D; civil engineering, from Purdue Doctoral Program, $31,904, “Hector, Kristiaan.”

Zhang, Guangjun; comparative pathobiology, from PHS-NIH National Institute of General Medical Science, $376,214, “Roles of Bioelectricity of Ion Channels in Developmental Patterning and Oncogenesis.”

Zhang, Haiyan H; engineering technology, from American Axle and Manufacturing, Inc, $50,000, “Center for Technology Development Consortium (CTD).”

Zhang, Jiansong; construction management technology, from National Science Foundation, $138,008, “EAGER: Collaborative Research: a Science-Based Exploration of Invariant Signatures of Architecture, Engineering, and Constructions Objects to Enable Interoperability of BIM.”

Zhang, Min; Fleet, James C and Liu, Wangqing; statistics, nutrition science, medicinal chemistry and molecular pharmacology, from PHS-NIH National Institute of Biomedical Imaging and Bioengineering, $157,622, “Big Data Training for Translational Omics Research.”

Zhang, Xiangyu and Xu, Dongyan; computer science, from Office of Naval Research, $9,206, “Learn-to-Reason: A Probabilistic Binary Analysis Infrastructure and its Application in Binary Reduction.”

Zhang, Xinghang and Wang, Haiyan; materials engineering, from Office of Naval Research, $276,738, “Acquisition of a Suite of 3-D EDX Tomography and in Situ Heating and Straining Tem Holders to Probe the Response of Nanomaterials.”

Zhang, Xinghang and El-Azab, Anter A; materials engineering, from National Science Foundation, $539,337, “Mechanics and Kinetics of Void Swelling in Irradiated Nanoporous Materials.”

Zhang, Zhong-Yin; medicinal chemistry and molecular pharmacology, from Purdue Doctoral Program, $29,176, “Hewitt, Chad.”

Zheng, Wei; health sciences, from Yale University, $101,746, “Environmental Epidemiology of Essential Tremor: Amendment 1; Grant 108330.”


Zhou, Chenn Qian; Center for Innovation through Visualization and Simulation, from U.S. Steel Corporation, $134,667, “USS Great Lakes Works Blast Furnace Improvement.”

Zhou, Qi; industrial and physical pharmacy, from PHS-NIH National Institute of Allergy and Infectious Diseases, $650,259, “Combating Deadly Gram-Negative Lung Infections: An Inhalation and Systems Approach.”

Zhu, Fengqing and Allebach, Jan P; electrical and computer engineering, from Dzine Steps, $20,000, “Autonomous Image Analysis Tools for Visualizing New Finishes in Interior/Exterior Spaces, Phase 2.”

Zhu, Yu Michael; statistics, from Ohio State University, $12,303, “Media Literacy Intervention for Indoor Tanning Prevention.”

Zhuang, Qianlai; agronomy, from U.S. Geological Survey, $65,000, “Quantifying Alaskan Landscape Changes and Their Impacts on Greenhouse Gas Emissions of Carbon Dioxide and Methane.”

Ziaie, Babak and Rietdyk, Shirley; electrical and computer engineering, health and kinesiology, from Smartgait, $24,242, “A Wearable Video-Based Gait and Balance Assessment Technology.” (a Discovery Park award – Birck Nanotechnology Center)

Zwier, Timothy S; chemistry, from DOE-ER-Basic Energy Sciences Chemistry, $12,212, “Isomer-Specific Spectroscopy of Aromatic Fuels and Their Radical Intermediates.”

Notice Regarding Sponsored Program Awards

The Sponsored Program Awards list is generated by Sponsored Program Administration. Questions concerning the information contained in these pages should be directed to Stephanie Willis at swillis@purdue.edu.