

DIMENSIONS *of* DISCOVERY

Sponsored Program Awards

July 2018

Adamo to Bullock

Adamo, Nicoletta and **Benes, Bedrich**; computer graphics technology, from National Science Foundation, \$498,823, "Collaborative Research: Multimodal Affective Pedagogical Agents for Different Types of Learners."

Adeola, Olayiwola; animal sciences, from Biomatrix Inc, \$12,000, "Danisco."

Aime, Mary Catherine; botany & plant pathology, from CIEFAP, \$2,800, "Bench Fees – Lucia Molina."

Aime, Mary Catherine; botany & plant pathology, from Inter-American Institute for Cooperation on Agriculture, \$2,797, "Population Analysis of Coffee Rust in Jamaica."

Aime, Mary Catherine; botany & plant pathology, from World Coffee Research, \$84,354, "Analysis of Coffee Leaf Rust (Hemileia Vastatrix) Global Genetic Diversity."

Alexeenko, Alina; aeronautics & astronautics, from IMA Life, \$10,000, "Lyohub Consortium – IMA Life."

Allert, Beate I; language & culture, from Lynn Interdisciplinary Graduate Fellowship, \$22,854, "Zhang, Shiyu."

Allert, Beate I; language & culture, from Ross Graduate Fellowship-Assistantship, \$23,192, "Dickerson, Sydney."

Allert, Beate I; language & culture, from Lynn Interdisciplinary Graduate Fellowship, \$15,187, "Wang, Lang."

Alsop, Janet M; curriculum & instruction, from Purdue University F N Andrews Fellowship, \$31,077, "Farmer, Tadd."

Alsop, Janet M; curriculum & instruction, from Purdue University F N Andrews Fellowship, \$32,723, "Duha, Mohammad."

Alsop, Janet M; curriculum & instruction, from Ross Graduate Fellowship-Assistantship, \$32,723, "Choi Woongsik."

Alsop, Janet M; curriculum & instruction, from Ross Graduate Fellowship-Assistantship, \$32,723, "Shim, Soo Won."

Appenzeller, Joerg; Chen, Zhihong; Datta, Supriyo and Lundstrom, Mark S; electrical & computer engineering, from National Science Foundation, \$817,918, "E2CDA: Type I: Probabilistic Spin Logic for Low-Energy Boolean and Non-Boolean Computing."

Armstrong, S Dorsey; English, from Purdue Doctoral Program, \$25,192, "Ford, Shaun."

Armstrong, Shalamar D; agronomy, from University of Illinois, \$16,441, "Web-Based Cover Crop Decision Support Tool."

Bahr, David F; materials engineering, from Purdue University F N Andrews Fellowship, \$31,959, "Marconie, Tess."

Bahr, David F; materials engineering, from Purdue Doctoral Program, \$31,959, "Rutherford, Bethany."

Bahr, David F; materials engineering, from Ross Graduate Fellowship-Assistantship, \$31,959, "McCormack, Camilla."

Bahr, David F; materials engineering, from Ross Graduate Fellowship-Assistantship, \$31,959, "Laskowski, Elizabeth."

Bakelar, Jeremy W; biological sciences, from PHS-NIH National Institute of General Medical Science, \$2,008, "Mechanistic Insight into the Role of Bam Complex in E. Coli."

Beaulieu, Lionel J; Office of Engagement Administration, from Indiana Office of Community & Rural Affairs, \$50,000, "Project 3: Enhancing Community and Regional Capacity and Resources: the Regional Stellar Communities Program: Coaching Activities."

Bertino, Elisa; computer science, from IBM, \$66,379, "IBM DAIS ITA"

Bhave, Sunil A; electrical & computer engineering, from University of Chicago, \$225,000, "Mechanical Control of Spin-States in Silicon Carbide, Amendment 5; Grant 107774."

Boor, Brandon E; civil engineering, from Indiana University, \$153,876, "Measurements of Radical Chemistry and Aerosol Production in Indoor Environments."

Bouman, Charles A; electrical & computer engineering, from UES Inc., \$70,000, "Multi-Modal and Multi-Resolution Data Fusion for Biological and Materials Imaging Applications."

Bouman, Charles A; electrical & computer engineering, from Eli Lilly and Company, \$90,000, "Development of Software Tool Exploiting Novel Algorithms for Reconstructing High Quality Time Varying 3-D Images from Limited Xray Computed Tomography (CT) Data."

Braile, Lawrence W; earth, atmospheric and planetary sciences, from American Geophysical Union, \$20,000, "AGU SAGE Support Gift."

Braun, James E; mechanical engineering, from Ingersoll – Rand Co., \$25,000, "Center for High Performance Building Consortium."

Braun, James E; mechanical engineering, from Johnson Controls, Inc., \$50,000, "Center for High Performance Building Consortium."

Buganza Tepole, Adrian; mechanical engineering, from Ross Graduate Fellowship-Assistantship, \$31,959, "Han, Tianhong."

Bullock, Darcy M; civil engineering, from Institute of Transportation Engineers, \$1,000, "Joint Transportation Research Program (JTRP) Supplementary Research Account."

Cabot to Erickson

Cabot, Ryan A; animal sciences, from PHS-NIH National Institute of Child Health and Human Development, \$328,140, “Developmental Requirements of SWI/SNF Chromatin Remodeling Complexes in Porcine Embryos.”

Caffee, Marc W; Granger, Darryl E; Lifton, Nathaniel A and Muzikar, Paul F; physics & astronomy, earth, atmospheric and planetary sciences, from National Science Foundation, \$708,000, “Facility Support: Accelerator Mass Spectrometry at Prime Lab.”

Cai, Hubo; Abraham, Dulcy M and Bowman, Mark D; civil engineering, from Indiana Department of Transportation, \$69,555, “SPR-4002 Risk-Based Specification for Construction.”

Campanella, Osvaldo H; agricultural & biological engineering program, from Ross Graduate Fellowship-Assistantship, \$31,959, “Brown, Nathaniel.”

Campbell, Wayne W; nutrition science, from National Cattlemen Beef Association, \$66,438, “Effects of Incorporating Red Meat into a Mediterranean-Style Dietary Pattern on Cardiometabolic Well-Being: Novel Insights from Foodomics, Microbiota, and Plasma Metabolomics Profiling.”

Campbell, Wayne W; nutrition science, from National Pork Board, \$106,430, “Effects of Consuming Ounce Equivalent Portions of Fresh Pork Versus Nuts, Beans, and Eggs, as Defined by the Dietary Guidelines for Americans on Essential Amino Acid Substrate Availability for Protein.”

Cappelleri, David J; mechanical engineering, from George Washington Carver Fellowship, \$26,192, “Rojas, Salvador.”

Carlton, Joshua S; Salazar, Kara A and Zischke, Mitchell T; forestry & natural resources, from University of Illinois, \$15,180, “Sea Grant Visioning Network.”

Caruthers, James M; chemical engineering, from National Science Foundation, \$402,815, “Nonlinear Viscoelastic Behavior of Glassy Polymers: Unification of the Mechanical and Enthalpic Response.”

Casteel, Shaun N; agronomy, from Helena Chemical Company, \$9,500, “Soybean Extension Research.”

Casteel, Shaun N; agronomy, from Bayer Corporation, \$12,500, “Soybean Extension Research.”

Chen, Weinong W and Meyer, Terrence R; aeronautics & astronautics, mechanical engineering, from Army Research Office, \$40,000, “Damage and Temperature Around a Propagating Dynamic Crack.”

Chen, Weinong W; aeronautics & astronautics, from University of Delaware, \$30,000, “Real Time Damage Visualization in Composites; Amendment 1; Grant 13000656.”

Cheng, Guang; statistics, from Office of Naval Research, \$116,911, “Statistical Theory and Method of Large Tensor Data.”

Cheng, Guang; statistics, from National Science Foundation, \$46,937, “Collaborative Research: Nonparametric Bayesian Aggregation for Massive Data.”

Christov, Ivan C; mechanical engineering, from Ross Graduate Fellowship-Assistantship, \$31,959, “Wang, Xiaojia.”

Chubykin, Alexander A; biological sciences, from PHS-NIH National Institute of Mental Health, \$373,253, “Neural Mechanisms of Predictive Impairments in Autism.”

Claridge, Shelley A; chemistry, from 3M General Offices, \$15,000, “Multi Sponsor Voluntary Support.”

Collicott, Steven H; aeronautics & astronautics, from National Aeronautics and Space Administration, \$73,700, “Propellant Slosh in Small Satellite Conformal Tanks.”

Cooks, Robert Graham; chemistry, from National Aeronautics and Space Administration, \$213,593, “New Scan Modes in Ion Trap Mass Spectrometers for Planetary Exploration.”

Cooks, Robert Graham; Thompson, David B; Barker, Eric L; Grama, Ananth Y and Nagy, Zoltan; chemistry, agronomy, pharmacy administration, computer science, chemical engineering, from Defense Advanced Research Projects Agency, \$390,285, “Analytic-Directed Multi-Scale Synthesis System.”

Cooks, Robert Graham; chemistry, from Merck Sharp & Dohme Corp, \$50,000, “Accelerated Degradation of Pharmaceuticals and Their Degradation Product Monitoring by Mass Spectrometry.”

Corti, David S; chemical engineering, from Purdue University F N Andrews Fellowship, \$31,959, “Turnley, Jonathan.”

Corti, David S; chemical engineering, from Ross Graduate Fellowship-Assistantship, \$31,959, “Fesenmeier, Daniel.”

Corti, David S; chemical engineering, from Ross Graduate Fellowship-Assistantship, \$31,959, “Battistoni, Carly.”

Corti, David S; chemical engineering, from Dr. Reddys Laboratories, \$163,245, “Dlr Fellowship Sumit Kumar.”

Corti, David S; chemical engineering, from Ross Graduate Fellowship-Assistantship, \$31,959, “Conrad, Matthew.”

Creek, Julie A; diversity & multicultural affairs, from Vincennes University, \$30,564, “Teaching/Mentoring in Science, Technology, Engineering & Mathematics (STEM) Classrooms.”

DeLaurentis, Daniel A and Grant, Michael J; aeronautics & astronautics, from Leidos, \$53,942, “Systems-Based Trajectory Design for High-Speed Attack Munitions.”

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

Doudareva, Natalia; biochemistry, from U.S. Israel Binational Science Found, \$101,250, “Biosynthesis of Asarone and its Derivatives in *Daucus Carota*.”

Duvall, John N; English, from Johns Hopkins University, \$14,998, “Journal of Modern Fiction Studies.”

Dydak, Ulrike and Sabbaghi, Arman; health sciences, statistics, from International Manganese Institute, \$29,286, “Can Toenail Mn Levels Predict Brain Mn Levels?”

Elliott, Daniel S; electrical & computer engineering, from National Science Foundation, \$177,573, “Towards Precision Measurements of Atomic Parity Violation Using Two-Pathway Coherent Control.”

Elliott, Julie L; earth and planetary sciences, from National Science Foundation, \$129,289, “Geodetic Characterization of the Eastern-most Alaska Subduction Zone.”

Erickson, Bruce J and Casteel, Shaun N; agronomy, from Ohio State University, \$42,845, “Use of on-Farm Digital Technologies.”

Faris to Gunaratna

Faris, Jeralyn L; communications, from Indiana Campus Compact, \$3,750, “Students and Teachers Serving Those Who Are Marginalized.”

Farkas, Brian E; food science, from Thomas, Larry & Emily D Edwards, \$450, “Pilot Plant Multi-Sponsored Gift.”

Felisberto Martins Ribeiro, Bruno; computer science, from Raytheon, \$21,039, “Discovering Network Processes in Time-Evolving Networks.”

Feng, Zhilan Julie; mathematics, from National Science Foundation, \$80,000, “Collaborative Research: Linking Pharmacokinetics to Epidemiological Models of Vector-Borne Diseases and Drug Resistance Prevention.”

Field, William E; agricultural & biological engineering program, from Life Essentials, LLC, \$5,900, “Breaking New Ground.”

Figueiredo, Marxa L; basic medicine science, from PHS-NIH National Cancer Institute, \$56,995, “Disrupting Tumor/Bone Malignant Interactions with Multifunctional Cytokine Sonodelivery.”

Filley, Timothy R; earth and planetary sciences, from Ross Graduate Fellowship-Assistantship, \$31,959, “Macleod, Gordon.”

Finley, John P; physics & astronomy, from Ross Graduate Fellowship-Assistantship, \$19,278, “Orlando, Robert.”

Finley, John P; physics & astronomy, from Ross Graduate Fellowship-Assistantship, \$19,278, “Guan, Yifei.”

Finley, John P; physics & astronomy, from Ross Graduate Fellowship-Assistantship, \$19,278, “Gao, Xingyu.”

Finley, John P; physics & astronomy, from Purdue University F N Andrews Fellowship, \$19,278, “Li, Kangle.”

Finley, John P; physics & astronomy, from Purdue University F N Andrews Fellowship, \$19,278, “Wang, Yuchen.”

Fleet, James C; nutrition science, from Rutgers State University, \$163,588, “Nutrigenomics of Intestinal Vitamin D Action; Modification 1, Grant 109406.”

Forman, Michele R; nutrition science, from Ross Graduate Fellowship-Assistantship, \$18,331, “Darbishire, Lily.”

Forman, Michele R; nutrition science, from Ross Graduate Fellowship-Assistantship, \$30,026, “Qin, Yue.”

Forman, Michele R; nutrition science, from Lynn Interdisciplinary Graduate Fellowship, \$30,026, “Liu, Chieh-Yu.”

Forman, Michele R; nutrition science, from Lynn Interdisciplinary Graduate Fellowship, \$30,026, “Clark, Caroline.”

Forman, Michele R; nutrition science, from Lynn Interdisciplinary Graduate Fellowship, \$30,026, “Hill, Erica.”

Forman, Michele R; nutrition science, from Lynn Interdisciplinary Graduate Fellowship, \$30,026, “Davis, Lissa.”

Fouche, Rayvon D; interdisciplinary studies, from Lynn Interdisciplinary Graduate Fellowship, \$22,854, “Morgan, Kaylah.”

Fouche, Rayvon D; interdisciplinary studies, from Purdue University F N Andrews Fellowship, \$33,979, “Smith, Ariel.”

Fouche, Rayvon D; interdisciplinary studies, from Lynn Interdisciplinary Graduate Fellowship, \$22,854, “Parker, Caitlyn.”

Fouche, Rayvon D; interdisciplinary studies, from Purdue Doctoral Program, \$20,411, “Raymond, Malik.”

Fouche, Rayvon D; interdisciplinary studies, from Purdue Doctoral Program, \$36,860, “Nunez, Madelina.”

Fouche, Rayvon D; interdisciplinary studies, from Lynn Interdisciplinary Graduate Fellowship, \$22,854, “Mukhtar, Saad.”

Fouche, Rayvon D; interdisciplinary studies, from Lynn Interdisciplinary Graduate Fellowship, \$22,854, “Basmaz, Ozgun.”

Frankenberger, Jane R; agricultural & biological engineering program, from University of Illinois, \$24,983, “Mississippi River Basin Nutrient Reduction Measurement Framework.”

French, Doran C; human development & family studies, from Ross Graduate Fellowship-Assistantship, \$18,331, “Westerberg, Lauren.”

Garimella, Suresh V; mechanical engineering, from Aavid Thermalloy, \$7,500, “Cooling Technologies Research Center (CTRC) 2018 Membership.”

Garimella, Suresh V; mechanical engineering, from Aavid Thermalloy, \$7,500, “Cooling Technologies Research Center (CTRC) 2018 Membership.”

Garrison, James L; aeronautics & astronautics, from Jet Propulsion Laboratory, \$52,980, “Wideband Altimetry Using Signals of Opportunity; Amendment 3; Grant 12000182.” (a Discovery Park award – Purdue Climate Change Research Center [PCCRC])

Ghiselli, Richard F; hospitality & tourism management, from Ross Graduate Fellowship-Assistantship, \$18,331, “Zhang, Jianan.”

Gibert, James M; mechanical engineering, from Clemson University, \$21,332, “Measurement and Multi-Axis Simulation of Unit Load Stability Transportation Hazards: Phase 1.”

Gitau, Margaret W; agricultural & biological engineering program, from Lynn Interdisciplinary Graduate Fellowship, \$30,026, “Garibay, Victoria.”

Goergen, Craig J; biomedical engineering, from University of Texas at San Antonio, \$82,437, “Mechanistic Justification for Pentagalloyl Glucose Mediated Aaa Suppression; Amendment 1; Grant 40001936.”

Goni Cortes, Joaquin; industrial engineering, from Indiana University, \$21,390, “Center on Genetic Determinants of Alcohol Ingestion and Responses to Alcohol.”

Goni Cortes, Joaquin; industrial engineering, from Lawrence Livermore National Lab, \$21,390, “Brain Connectomics: Opportunities for High Performance Computing.”

Goni Cortes, Joaquin; industrial engineering, from University of Pennsylvania, \$88,146, “An Integrative Bioinformatics Framework for Human Brain Genomics and Connectomics.”

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

Greene, Christopher H; physics & astronomy, from National Science Foundation, \$95,000, “Collaborative Research: Few-Body Interactions in Ultracold Quantum Gases.”

Gunaratna, Nilupa S; nutrition science, from Harvard University, \$48,392, “Agriculture to Nutrition (ATONU) Project.”

Habib to Iyer-Pascuzzi

Habib, Ayman F; civil engineering, from Indiana Department of Transportation, \$168,235, “LiDAR-Based Mobile Mapping System for Lane Width Evaluation and Reporting in Work Zones.”

Hambrusch, Susanne E; computer science, from Ross Graduate Fellowship-Assistantship, \$19,278, “Aburas, Reham.”

Hambrusch, Susanne E; computer science, from Purdue University F N Andrews Fellowship, \$19,278, “Khan, Arslan.”

Hambrusch, Susanne E; computer science, from Ross Graduate Fellowship-Assistantship, \$19,278, “Lai, Tuan.”

Hambrusch, Susanne E; computer science, from Purdue Doctoral Program, \$6,250, “Johnson, Amber.”

Hambrusch, Susanne E; computer science, from Ross Graduate Fellowship-Assistantship, \$19,278, “Rechkemmer, Amy.”

Hambrusch, Susanne E; computer science, from Ross Graduate Fellowship-Assistantship, \$19,278, “Kim, Hyungsub.”

Hambrusch, Susanne E; computer science, from Lynn Interdisciplinary Graduate Fellowship, \$30,026, “Shemonti, Abida.”

Heister, Stephen D; aeronautics & astronautics, from National Aeronautics and Space Administration, \$75,000, “Quasi-1 Dimensional Modeling of Rotational Detonation Engines – Jenna Humble.”

Hertel, Thomas W; agricultural economics, from National Institute of Standards & Technology, \$20,435, “Global Trade Analysis Project (GTAP) Consortium – NIST.”

Hertel, Thomas W; agricultural economics, from Joint Research Centre, \$20,435, “Global Trade Analysis Project (GTAP) Consortium – EC-JRC.”

Hill, Catherine A and Watts, Val J; entomology, medicinal chemistry & molecular pharmacology, from Bio-Gene Technology Limited, \$15,532, “Characterization of Bio-Gene Flavosone Formulation Invertebrate in Vivo Toxicity and in Vivo Pharmacological Analyses.”

Hoffmann, Stephen R; chemistry, from Ross Graduate Fellowship-Assistantship, \$30,026, “Ke, Zhifan.”

Hoffmann, Stephen R; chemistry, from Ross Graduate Fellowship-Assistantship, \$30,026, “Anil Kumar, Abhijith.”

Hoffmann, Stephen R; chemistry, from Purdue University F N Andrews Fellowship, \$30,026, “Clark, Daniel.”

Hoffmann, Stephen R; chemistry, from Purdue University F N Andrews Fellowship, \$30,026, “Lumsargis, Victoria.”

Hoffmann, Stephen R; chemistry, from Ross Graduate Fellowship-Assistantship, \$30,026, “Wiles, Thomas.”

Hoffmann, Stephen R; chemistry, from Ross Graduate Fellowship-Assistantship, \$30,026, “Parobek, Alexander.”

Hoffmann, Stephen R; chemistry, from Ross Graduate Fellowship-Assistantship, \$30,026, “Kelley, Ilayda.”

Hoffmann, Stephen R; chemistry, from Purdue Doctoral Program, \$33,474, “Estes, Kiera.”

Hoffmann, Stephen R; chemistry, from Ross Graduate Fellowship-Assistantship, \$30,026, “Jorgensen, Michael.”

Hoffmann, Stephen R; chemistry, from Ross Graduate Fellowship-Assistantship, \$30,026, “Carrick, Ian.”

Hoffmann, Stephen R; chemistry, from Ross Graduate Fellowship-Assistantship, \$30,026, “Arya, Karan.”

Hoffmann, Stephen R; chemistry, from Ross Graduate Fellowship-Assistantship, \$30,026, “Li, Wanru.”

Hook, Tomas O; forestry & natural resources, from University of Illinois at Champaign-Urbana, \$449,383, “Extending Impacts of US EPA’S Great Lakes National Program Office Using Sea Grant Outreach Capacity.”

Horgan, Briony H; earth and planetary sciences; from Lowell Observatory, \$10,818, “Determining the Distribution of Martian Chlorine Salts; Amendment 2; Grant 108432.”

Hountz, Randall A; industrial engineering, from Oregon Health Sciences University, \$69,200, “Oregon Ship Grant.” (a Discovery Park award – Regenstrief Center for Healthcare Engineering)

Howell, Kathleen; aeronautics & astronautics, from Analytical Mechanics Association, Inc, \$5,000, “National Aeronautics and Space Administration (NASA) Guidance, Navigation, and Control Technical Discipline Team (TDT); R02 Funding; Grant 109592 (12000242).”

Howell, Kathleen; aeronautics & astronautics, from National Aeronautics and Space Administration, \$75,000, “Trajectory Design and Targeting for Applications to the Exploration Program in Cislunar Space – Emily Zimovan.”

Hu, Jingwei; mathematics, from National Science Foundation, \$78,204, “Faculty Early Career Development (CAREER): Predictive Simulations of Complex Kinetic Systems.”

Huang, Fang; biomedical engineering, from PHS-NIH National Institute of General Medical Science, \$375,919, “Interferometric 3-D Super-Resolution Imaging and Structure and Stoichiometry Mapping in Living Cells.”

Huang, Fang; biomedical engineering, from Ross Graduate Fellowship-Assistantship, \$31,959, “Fang, Li.”

Huang, Libai; chemistry, from U.S. Department of Energy, \$150,000, “Spatial and Temporal Imaging of Multi-Scale Interfacial Charge Transport in Two-Dimensional Heterostructures.”

Hubbard, Sarah M; aviation & transportation technology, from National Academy of Sciences, \$250,000, “Advanced Ground Vehicle Technologies (AGVT) for Airside Operations.”

Hurt, R Douglas; history, from Ross Graduate Fellowship-Assistantship, \$23,192, “Moore, Tanner.”

Ivantysynova, Monika; agricultural & biological engineering program, from John Deere Agricultural US, \$274,505, “Energy Saving Hydraulic System Architecture for Next Generation of Sugar Cane Harvester.”

Iyer, Ananth V; management, from Purdue University F N Andrews Fellowship, \$19,315, “Kim, Woong BAE.”

Iyer, Ananth V; management administration, from Ross Graduate Fellowship-Assistantship, \$19,278, “Pearce, Spencer.”

Iyer, Ananth V; management administration, from Purdue Doctoral Program, \$19,278, “Rosokha, Lindsay.”

Iyer, Ananth V; management administration, from Ross Graduate Fellowship-Assistantship, \$19,278, “Hubbard, Benjamin.”

Iyer-Pascuzzi, Anjali; botany & plant pathology, from National Science Foundation, \$171,602, “Dynamic Control of Columella Root Cap Cell Loosening and Release in Arabidopsis.”

Johnson to Manfra

Johnson, Carla J; curriculum & instruction, from School Science and Mathematics Association, \$41,600, "School Science and Mathematics Journal Editor Support."

Johnson, David R; industrial engineering, from Purdue University F N Andrews Fellowship, \$2,580, "Geldner, Nathan."

Johnson, David R; industrial engineering, from Purdue University F N Andrews Fellowship, \$29,379, "Geldner, Nathan."

Jones, Owen Griffith; food science, from Lynn Interdisciplinary Graduate Fellowship, \$30,026, "Kelley, Alyssa."

Kelly, Brian C; sociology, from Ohio State University, \$77,500, "Effects of State-Level Policy Implementation on Opiate Use and Abuse."

Kingsbury, Bruce A; arts & sciences administration, from Army Corps of Engineers, U.S., \$78,192, "Improving Translocation Techniques for Wildlife on DOD Installations."

Kluender, Keith R; speech, language & hearing sciences speech clinic recharge, from Ross Graduate Fellowship-Assistantship, \$18,331, "Gargeshwari, Aditi."

Kluender, Keith R; speech, language & hearing sciences speech clinic recharge, from Purdue University F N Andrews Fellowship, \$19,366, "Arkenberg, Rachel."

Kluender, Keith R; speech, language & hearing sciences, from Chappelle, \$21,229, "Rohrsen, Linnea."

Konieczny, Stephen F; biological sciences, from Ross Graduate Fellowship-Assistantship, \$19,278, "Chinta, Suma."

Konieczny, Stephen F; biological sciences, from Purdue University F N Andrews Fellowship, \$18,115, "Perri, Kayla."

Konieczny, Stephen F; biological sciences, from Purdue University F N Andrews Fellowship, \$30,026, "Lee, Jennifer."

Konieczny, Stephen F; biological sciences, from Purdue Doctoral Program, \$22,692, "Overly, Claire."

Konieczny, Stephen F; biological sciences, from Ross Graduate Fellowship-Assistantship, \$19,278, "Lunn, Ryan."

Konieczny, Stephen F; biological sciences, from Ross Graduate Fellowship-Assistantship, \$19,278, "Negi, Vashi."

Kossek, Ellen E and Lee, Kyung Hee; _management, _management administration, _from National Science Foundation, _\$49,604, _"Fostering Gender and Work-Life Inclusion for Faculty in Business Schools and Understudied Contexts: An Organizational Science Lens."

Lacount, Douglas J; medicinal chemistry & molecular pharmacology, from Washington University, \$271,250, "Structural and Functional Characterization of the Ebola Virus Replication Complex."

Ladisch, Michael R; Wassgren, Carl R; Ambrose, Rose Prabin Kingsly; Engelberth, Abigail S; Erk, Kendra A; Gonzalez, Marcial; Ileleji, Klein; Mosier, Nathan S; Sharma, Pankaj and Ximenes, Eduardo A; Agricultural & Biological Engineering Program, mechanical engineering, materials engineering, engineering technology, from U.S. Department of Energy, \$20,000, "Analytical Modeling of Biomass Transport and Feeding Systems."

Laskin, Alexander; chemistry, from Pacific Northwest National Laboratory, \$93,000, "PNNL Subcontract; Modification 1; Grant 14000341."

Laskin, Julia; chemistry, from National Science Foundation, \$420,000, "Quantitative Ambient Imaging and Analysis at a Subcellular Level Using Mass Spectrometry."

Lelievre, Sophie A; basic medicine science, from Lynn Interdisciplinary Graduate Fellowship, \$30,026, "Chhetri, Apekshya."

Leonard, Laurence B; Christ, Sharon L; Deevy, Patricia L; Karpicke, Jeffrey D and Weber, Christine M; speech, language & hearing sciences, human development & family studies, psychological sciences, from PHS-NIH National Institute on Deafness and Other Communication Disorders, \$527,435, "Retrieval-Based Word Learning in Specific Language Impairment."

Li, Tongcang; physics & astronomy, from National Science Foundation, \$87,824, "Faculty Early Career Development (CAREER): Quantum Spin-Optomechanics of Optically Levitated Nanodiamonds."

Liu, Julie C; chemical engineering, from Purdue Doctoral Program, \$21,192, "Torres, Jessica."

Lopez-De-Bertodano, Martin A; nuclear engineering, from Bechtel Bettis, Inc., \$67,069, "Dynamic Computational Fluid Dynamics (CFD) Two-Fluid Model for the Bubbly and Cap-Bubbly Flow Regimes; Modification 7; Grant 14000316."

Lu, Chien-Tsung and Keller, Julius C; aviation & transportation technology, from Civil Aviation Management Institute of China, \$56,666, "Aviation Emergency Response Workshop."

Lu, Na; civil engineering, from Indiana Department of Transportation, \$257,061, "Self-Healing Cementitious Composites (Schcc) with Ultra-High Ductility for Pavement and Bridge Construction."

Luo, Zhao-Qing and Das, Chittaranjan; biological sciences, chemistry, from PHS-NIH National Institute of Allergy and Infectious Diseases, \$392,120, "Effector-Mediated Ubiquitin Manipulation in Legionella Pneumophila Pathogenesis."

Lyon, Angeline M and Sieng, Monita; chemistry, from American Heart Association, \$53,688, "Molecular Mechanism of Rap1a-Dependent Activation of P1cepsin in Cardiovascular Disease."

MacDermid Wadsworth, Shelley and Broniarczyk, Kathy M; human development & family studies, from Elizabeth Dole Foundation, \$16,500, "Awakening Communities – Part 2: Launching Data on Americas Hidden Heroes."

MacDermid Wadsworth, Shelley; human development & family studies, from Department of Veterans Affairs, \$20,000, "Intergovernmental Personnel Assignment (IPA) with Mn Veterans Administration for Dr. MacDermid Wadsworth."

Magana Deleon, Alejandra J; computer information technology, from National Science Foundation, \$93,453, "Collaborative Research: Smartcad: Guiding Engineering Design with Science Simulations."

Manfra, Michael James; electrical & computer engineering, from Microsoft Corporation, \$138,458, "Microsoft Quantum Computing." (a Discovery Park award – Birck Nanotechnology Center)

Manfra, Michael James; electrical & computer engineering, from Microsoft Corporation, \$462,994, "Microsoft Quantum Computing." (a Discovery Park award – Birck Nanotechnology Center)

Marais to Rahman

Marais, Karen; aeronautics & astronautics, from Sandia National Laboratories, \$45,000, “Complex SoS Resilience.”

Mattson, Marifran; communications, from Ross Graduate Fellowship-Assistantship, \$23,192, “McCulloch, Seth.”

Mattson, Marifran; communications, from Ross Graduate Fellowship-Assistantship, \$23,192, “Wright, Temiloluwa.”

Mauer, Lisa J; food science, from Ross Graduate Fellowship-Assistantship, \$31,959, “Woodbury, Travest.”

McCullough, Bobby G; civil engineering, from Indiana University Purdue University at Indianapolis, \$25,000, “Making the Case III: Local Transportation Needs and Technical Assistance Concept Proposal to the Indiana Soybean Alliance.”

McMillan, Sara K; Agricultural & Biological Engineering Program, from Purdue Doctoral Program, \$31,959, “Winter, Danielle.”

Mei, Jianguo; chemistry, from Ambilight, Inc, \$102,400, “Ambilight, Inc.”

Mengiste, Tesfaye D; botany & plant path, from National Science Foundation, \$193,463, “Untangling the Complex Network of Bik1 Mediated Immune Response Signaling Pathways.”

Merwade, Venkatesh Mohan; Huber, Matthew and Song, Xiaohui Carol; civil engineering, earth and planetary sciences, research computing administration, from National Science Foundation, \$498,148, “Cybertraining: CIU:Cross-Disciplinary Training for Findable, Accessible, Interoperable, and Reusable (FAIR) Science.”

Meyer, Scott E; mechanical engineering, from Stratolaunch Systems Corporation, \$434,853, “Stratolaunch 10k Stand Testing.”

Meyer, Scott E; mechanical engineering, from Blue Origin, LLC, \$247,755, “Blue Origin Vacuum Thruster Testing.”

Meyer, Terrence R; mechanical engineering, from Purdue Doctoral Program, \$31,959, “Braun, Amanda.”

Meyer, Terrence R; mechanical engineering, from Spectral Energies, LLC, \$224,995, “Robust-Mode Analysis, Reduced-Order Modeling, and Intelligent Control Strategies for Reacting and Non-Reacting Flows.”

Minton, David A and Hesselbrock, Andrew J; earth and planetary sciences, physics & astronomy, from National Aeronautics and Space Administration, \$45,000, “Modeling the Formation of Phobos and Deimos from a Debris Disk with Impacts-Fellowship for Andrew Hesselbrock.”

Mittal, Suresh K; comparative pathobiology, from PHS-NIH National Institute of Allergy and Infectious Diseases, \$385,429, “Adenoviral Vector-Based Pandemic Influenza Vaccine.”

Mosier, Nathan S; Agricultural & Biological Engineering Program, from Purdue University F N Andrews Fellowship, \$31,959, “Stevens, Jennifer.”

Mosier, Nathan S; Agricultural & Biological Engineering Program, from Indiana Soybean Alliance, \$117,932, “Student Soybean Innovation Contest.”

Mosier, Nathan S; Agricultural & Biological Engineering Program, from Purdue University F N Andrews Fellowship, \$31,959, “Overton, Jonathan.”

Mukherjee, Partha P; mechanical engineering, from Nissan Research & Development, Inc., \$50,000, “Electrodeposition in All Solid-State Li-Ion Batteries.”

Nagy, Zoltan; chemical engineering, from Takeda Pharmaceutical International Inc US Region, \$140,000, “Crystallization Monitoring.”

Narimanov, Evgeniy; electrical & computer engineering, from University of California – Berkeley, \$150,000, “A High-Speed Superlens Nanoscope for Imaging at 10 nano-meter and Beyond; Amendment 2; Grant 40001866.”

Nateghi, Roshanak; industrial engineering, from Lynn Interdisciplinary Graduate Fellowship, \$27,446, “Bennett, Jackson.”

Nauman, Eric A; mechanical engineering, from Purdue Doctoral Program, \$31,959, “Cappuccilli, Breana.”

Niepokuj, Mary K; English, from Lynn Interdisciplinary Graduate Fellowship, \$22,854, “Tamimi Sad, Seyyed.”

Niepokuj, Mary K; English, from Lynn Interdisciplinary Graduate Fellowship, \$22,854, “Jung, Ye-Jee.”

Olenchak, F Richard; educational studies, from Ross Graduate Fellowship-Assistantship, \$32,723, “Martella, Amedee.”

Olenchak, F Richard; educational studies, from Purdue University F N Andrews Fellowship, \$32,723, “Cosso, Maria.”

Olenchak, F Richard; educational studies, from Purdue University F N Andrews Fellowship, \$31,077, “Joy, Eileen.”

Olenchak, F Richard; educational studies, from Ross Graduate Fellowship-Assistantship, \$32,723, “Robbins, Krista.”

Olenchak, F Richard; educational studies, from Purdue Doctoral Program, \$32,723, “Maldonado, Sergio.”

Olenchak, F Richard; educational studies, from Ross Graduate Fellowship-Assistantship, \$32,723, “Flaming, Natalie.”

Oliver, Haley F; food science, from Purdue Doctoral Program, \$31,959, “Britton, Brianna.”

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

Pienaar, Elsje; biomedical engineering, from Indiana University, \$10,000, “Computational Approaches to Advance HIV Research Toward a Cure.”

Pienaar, Elsje; biomedical engineering, from Purdue University F N Andrews Fellowship, \$31,959, “Weathered, Catherine.”

Poggie, Jonathan; aeronautics & astronautics, from Ross Graduate Fellowship-Assistantship, \$31,959, “Alviani, Robert.”

Pourpoint, Timothee L; aeronautics & astronautics, from Computational Fluid Dynamics (CFD) Research Corporation, \$166,795, “Measurement and Modeling of Surface Coking in Fuel-Film Cooled Liquid Rocket Engines; Modification 1; Grant 13000479.”

Rahman, Rajib; electrical & computer engineering, from University of New South Wales, \$145,000, “Donor-Based Silicon Quantum Computing; Grant 109300.” (a Discovery Park award – Network for Computational Nanotechnology [NCN])

Rajwa to Simpson

Rajwa, Bartłomiej P; basic medicine science, from J M Malone and Son Inc, \$5,261, “Flow Cytometry Analysis of Triploidy in Ctenopharyngodon Idella Used for Aquatic Weed Control (Jm Malone).” (a Discovery Park award – Bindley Bioscience Center)

Ramirez, Julio Alfonso; Bobet, Antonio and Johnson, David R; civil engineering, industrial engineering, from National Science Foundation, \$900,000, “Nheri Network Coordination Office.”

Ratliff, Timothy L; comparative pathobiology, from PHS-NIH National Cancer Institute, \$1,860,000, “Cancer Center Support Grant – Yr4.”

Raymond, Collin; economics, from National Science Foundation, \$272,000, “Collaborative Research: Payoff-Belief Separable Preferences.”

Rayz, Vitaliy L; biomedical engineering, from Ross Graduate Fellowship-Assistantship, \$31,959, “Diorio, Tyler.”

Rayz, Vitaliy L; biomedical engineering, from University of California – San Francisco, \$53,250, “Endovascular Chemofiltration: Optimizing Removal of Chemotherapeutics and Nanoparticles from the Blood to Reduce Toxicity and Improve Image-Guided Drug Therapy.”

Ren, Tong; chemistry, from National Science Foundation, \$534,570, “Suschem: Developing a Sustainable Metal Alkynyl Chemistry.”

Renzulli, Linda A; sociology, from Purdue University F N Andrews Fellowship, \$33,979, “Kaul, Vasundhara.”

Renzulli, Linda A; sociology, from Ross Graduate Fellowship-Assistantship, \$23,192, “Xue, Yongguang.”

Renzulli, Linda A; sociology, from Lynn Interdisciplinary Graduate Fellowship, \$31,705, “Stepniak, Catherine.”

Renzulli, Linda A; sociology, from Ross Graduate Fellowship-Assistantship, \$33,979, “Kincaid, Reilly.”

Ribeiro, Fabio H; chemical engineering, from ExxonMobil Chemical Company, \$30,000, “Cistar Industrial Consortium (40001938).”

Richmond, Douglas Scott; entomology, from Syngenta Crop Protection Inc., \$2,000, “Turfgrass Entomology Research.”

Riley, Donna M; engineering education, from Ross Graduate Fellowship-Assistantship, \$31,959, “Colquitt, Donovan.”

Riley, Donna M; engineering education, from Purdue Doctoral Program, \$31,959, “Strubel, Beata.”

Robicheaux, Francis J; physics & astronomy, from National Science Foundation, \$81,667, “Many Facets of Laser-Atom and Dipole-Dipole Interactions.”

Rogat, Toni K and Traynor, Anne; educational studies, from National Science Foundation, \$244,217, “Collaborative Research: Theoretical and Methodological Tools for Studying Group Productive Disciplinary Engagement.”

Rokhinson, Leonid P; physics & astronomy, from National Science Foundation, \$300,000, “EAGER: BRAIDING: High Order Non-Abelian Excitations for Topologically Protected Qubits.”

Rollock, David; psychological sciences, from Purdue Doctoral Program, \$20,762, “Escobedo, Abraham.”

Rollock, David; psychological sciences, from Ross Graduate Fellowship-Assistantship, \$18,331, “Jakicic, Victoria.”

Rollock, David; psychological sciences, from Purdue Doctoral Program, \$16,534, “Halligan, Taylor.”

Rollock, David; psychological sciences, from Purdue Doctoral Program, \$16,534, “Murphy, Robert.”

Rollock, David; psychological sciences, from Purdue University F N Andrews Fellowship, \$19,366, “Li, Sharon.”

Roy, Kaushik; electrical & computer engineering, from IBM, \$33,224, “Self-Aware Cognitive Services for Distributed Coalition Environments.”

Roy, Kaushik; electrical & computer engineering, from Office of Naval Research, \$355,653, “Efficient Neuro-Computing Using Spin-Torque Devices.”

Ruan, Xiulin; mechanical engineering, from George Washington Carver Fellowship, \$26,192, “Delgado, Luis.”

Saraswat, Dharmendra; Agricultural & Biological Engineering Program, from Ross Graduate Fellowship-Assistantship, \$31,959, “Lee, Tae Sup.”

Savikhin, Sergei F; physics & astronomy, from DOE-ER-Basic Energy Sciences Biology, \$0, “Revealing Excitonic Structure and Charge Transfer in Photosynthetic Proteins by Time-Resolved Circular Dichroism Spectroscopy.”

Sen, Shreyas; electrical & computer engineering, from Georgia Institute of Technology, \$26,750, “Self-Powered Iot Sensor Node with In-Situ Data Analytics and Energy-Aware End-to-End Real-Time Optimization (40001663).”

Shah, Kavita; chemistry, from Harvard Medical School, \$8,509, “Investigating 53BP1 Dephosphorylation as a Critical Determinant of Parp Inhibitor Sensitivity; Amendment 3; Grant 11000600.”

Shaver, Gregory M; mechanical engineering, from Argonne National Laboratory, \$81,044, “SI Engine Controls Development for an Extended Range Electric Vehicle; Modification 1 for Grant #14000346.”

Shaver, Gregory M; mechanical engineering, from Ross Graduate Fellowship-Assistantship, \$31,959, “Dhamankar, Shveta.”

Shen, Jie; mathematics, from National Science Foundation, \$71,640, “Fast Spectral Methods and Their Applications.”

Shi, Riya; basic medicine science, from Lynn Interdisciplinary Graduate Fellowship, \$30,026, “Rogers, Edmond.”

Shih, Tom I-P; aeronautics & astronautics, from Ames Laboratory, \$50,000, “Computational Analysis of Advanced Cooling Strategies for High-Efficiency and Long-Service Life Turbines; Amendment 28; [Grant 14000202].”

Shin, Yung C; mechanical engineering, from Naval Surface Warfare Center Indian HD Div, \$149,478, “Seamless Manufacturing and Remanufacturing for Foundry Industry via Laser-Based 3-D Printing and Surface Cladding.”

Simpson, Vicki L and Edwards, Nancy E; nursing, from Kinley Trust, \$20,000, “Building a Model for Health Promotion with Older Adults: a Nurse Guided Personalized Intervention.”

Singh to Xu

Singh, Shweta; agricultural & biological engineering program, from National Science Foundation, \$292,378, "Process Engineering Models to Physical Input-Output Tables (Piots): A Novel Approach to Reproducible, Transparent and Fast Regional Piots Development via Collaborative Piouthub."

Siskind, Jeffrey M; electrical & computer engineering, from Siemens Corporate Research Inc., \$124,960, "Natural Language Query Refinement Dialog for Video Search."

Slabaugh, Carson D; aeronautics & astronautics, from Aerojet Rocketdyne Inc, \$319,650, "Advanced Turbine Components for Combined Cycle Power Applications; Change Order 11; Grant 14000274."

Slipchenko, Lyudmila V; chemistry, from National Science Foundation, \$150,000, "Rydberg States in Molecular Aggregates as a Route to New Optoelectronic Materials."

Snow, Lowell D; Technical Assistance Program Manufacturing Extension Partnership (MEP), from National Institute of Standards & Technology, \$2,758,688, "Ffo 2014-Nist-01, Award Competition for Indiana Hollings NIST Manufacturing Extension Partnership (MEP) Center Yr4."

Snyder, Margie E; pharmacy practice, from University of Cincinnati, \$12,831, "Ohio Valley Node-Network (OVNN) of the Nida Clinical Trials Network."

Snyder, Margie E; pharmacy practice, from R.L. Roudebush Veterans Administration Medical Center, \$16,993, "Intergovernmental Personnel Assignment (IPA) Agreement for Margie Snyder."

Sojka, Paul E; mechanical engineering, from Cummins Engine Company Inc., \$27,206, "Proposal for Cummins Fuel Injector Testing."

Son, Steven F; mechanical engineering, from University of Notre Dame, \$124,699, "Shock Wave Processing of Advanced Reactive Materials Experiments; Modification 10 [Grant 106828]."

Song, Xiaohui Carol; Jiang, Wen; Smith, Preston M and Tanamachi, Robin L; research computing administration, biological sciences, earth and planetary sciences, from National Science Foundation, \$323,327, "CC Networking Infrastructure: Integrating Big Data Instrumentation into Campus Cyberinfrastructure."

Stewart, Kara R; animal sciences, from Mait LLC, \$6,700, "Swine Research."

Stewart, Kara R; animal sciences, from Mait LLC, \$6,700, "Swine Research."

Stewart, Kara R; animal sciences, from Genepro, Inc, \$1,000, "Swine Research."

Stewart, Kara R; animal sciences, from Fast Genetics Inc, \$2,500, "Swine Research."

Stewart, Kara R; animal sciences, from Animal Biotech, \$43,651, "Evaluation of Boar Better ? in Prepubertal Gilts."

Strickland, Elizabeth A and Huber, Jessica E; speech, language & hearing science, from PHS-NIH National Institute on Deafness and Other Communication Disorders, \$201,222, "Communicative Disorders."

Su, Jianxi; statistics, from Society of Actuaries, \$12,000, "On a Unifying Method to Allocating Economic Capital: A Reconciliation of the Top-Down and Bottom-Up Approaches."

Tobias, Justin L; undergraduate programs, from Purdue Doctoral Program, \$19,278, "Shinn, Okaro."

Tomar, Vikas; aeronautics & astronautics, from Air Force Office of Scientific Research, \$508,323, "An Extreme Strain Rate Interface Impact Thermomechanical Imaging System Based on Nanomechanical Raman Spectroscopy."

Tran, Dan N and Pastakia, Sonak D; medicinal chemistry & molecular pharmacology, pharmacy practice, from Vanderbilt University, \$530, "Understanding Barriers and Facilitators Predicting Linkage to Group-Based Diabetes and Hypertension Care in Rural Western Kenya: a Mixed-Methods Study."

Trice, Rodney W; materials engineering, from Army Research Office, \$62,500, "Forming Transparent Ceramics via Alignment of Alpha-Al₂O₃ Platelets."

Turco, Ronald F; agronomy, from Nature Conservancy, the, \$5,000, "St Mary Watershed Voluntary Support (Cost Share for 209968) (Grant 301764)."

Upadhyaya, Pramey; Chen, Yong P and Shalae, Vladimir M; electrical & computer engineering, physics & astronomy, from National Science Foundation, \$300,000, "EAGER: Enabling Quantum Leap: Electrically Tunable, Long-Distance Coherent Coupling Between Room Temperature Qubits Mediated by Magnons in Low-Dimensional Magnets."

Vacca, Andrea; Agricultural & Biological Engineering Program, from Siemens Product Lifecycle Management (PLM) Software, \$35,000, "Hydraulic Control Systems: Basics and Amesim Examples."

Voyles, Richard M; engineering technology, from Shenzhen Bainuo International Life Technology Ltd, \$13,000, "Rose-Hub Membership (Members Cost Shared on 107355)."

Waltenburg, Eric N; political science, from Ross Graduate Fellowship-Assistantship, \$23,192, "Beltran, Alberto."

Weinstein, Dana; electrical & computer engineering, from HRL Laboratories, LLC, \$178,947, "The Unconventional Processing of Signals for Intelligent Data Exploitation, Amendment 15, Grant 106611."

Williams, Rod N and Burgmeier, Nicholas G; forestry & natural resources, from Cryptobranchid Interest Group, \$1,000, "Expanding Hellbender O&E Efforts Using Pre-Designed Lesson Kits."

Wirth, Mary J; chemistry, from PHS-NIH National Institute of General Medical Science, \$291,581, "Sub-1 Um Particles for Nanolcms of Intact Proteins."

Xu, Xianfan; mechanical engineering, from National Science Foundation, \$314,648, "Meta-Surfaces for Far-Field Radiation Control and Near-Field Radiation Enhancement." (a Discovery Park award – Birk Nanotechnology Center)

Ye to Zwier

Ye, Peide; Xu, Xianfan and Zemlyanov, Dmitry Y; electrical & computer engineering, mechanical engineering, from National Science Foundation, \$90,000, “Efri 2-Dare: Phosphorene, an Unexplored 2d High-Mobility Semiconductor, Supplementary Support to Develop a Culture of Data Sharing.” (a Discovery Park award – Birck Nanotechnology Center)

Ye, Peide; electrical & computer engineering, from Army Research Office, \$75,000, “Ballistic Phosphorene Transistor.”

Yeomans, Christopher L; philosophy, from Purdue Doctoral Program, \$25,192, “Perry, Donald.”

Yeomans, Christopher L; philosophy, from Purdue University F N Andrews Fellowship, \$23,192, “Swan, Melanie.”

Zaspel, Jennifer M and Nearn, Eugenio H; entomology, from National Science Foundation, \$146,464, “Csbr: Natural History: Rehabilitation and Revitalization of the Purdue Entomological Research Collection.”

Zhang, Cankui; agronomy, from National Science Foundation, \$56,997, “Improvement of Ammonia and Nitrogen Dioxide Uptake and Utilization in Crops.”

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, Hao; statistics, from Purdue University F N Andrews Fellowship, \$19,278, “Keralapura Nagaraju, Ksheera.”

Zhang, Hao; statistics, from Purdue University F N Andrews Fellowship, \$19,278, “Tao, Xinlin.”

Zhang, Zhong-Yin; medicinal chemistry & molecular pharmacology, from Purdue University F N Andrews Fellowship, \$29,581, “Muli, Christine.”

Zhou, Chenn Qian; _Center for Innovation through Visualization and Simulation, _from Advanced Technology International, _\$38,639, _”High Pressure Die Casting Process Simulation for the Shop Floor.”

Zhou, Chenn Qian and Silaen, Armin K; Center for Innovation through Visualization and Simulation, from Nucor Steel Corp., \$9,912, “Optimization of a Vacuum Assisted Sampler.”

Zwier, Timothy S; chemistry, from National Science Foundation, \$480,000, “Conformer-Specific Spectroscopy and Isomerization Dynamics of Peptide and Synthetic Foldamer Helices.” ■

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. ■