COLLEGE OF AGRICULTURE

AGRICULTURAL ECONOMICS
Golden, Bill B., Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsrces & the Env / Ks Water Rsrce Rsrch Inst), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K. (Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), Obour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $10,200, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

Tack, Jesse B., US Department of Agriculture, $57,324, "New Policy Implications of 'Big Ag Data'."

AGRICULTURAL RESEARCH CENTER-HAYS
Jaeger, John R., Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsrces & the Env / Ks Water Rsrce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Johnson, Sandra K. (Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), Obour, Augustine K., O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $850, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

Obour, Augustine K., Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsrces & the Env / Ks Water Rsrce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R., Johnson, Sandra K. (Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $6,800, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

AGRONOMY

Lin, Xiaomao, Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsrces & the Env / Ks Water Rsrce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K. (Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Obour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $5,100, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

Peterson, Dallas E., Support Funds, $65,050, "AGR Support Funds Public Service 35."
Rice, Charles W., Dodds, Walter K. (Biology), and Zeglin, Lydia H. (Biology), Kansas Board of Regents, $5,460, "RII Track-1: Microbiomes of Aquatic, Plant and Soil Systems Across Kansas."

Rice, Charles W., Dodds, Walter K. (Biology), and Zeglin, Lydia H. (Biology), National Science Foundation, $146,092, "RII Track-1: Microbiomes of Aquatic, Plant and Soil Systems (MAPS) Mediating Sustainability: An Observational and Experimental Network Across Kansas."

Schapaugh Jr, William T., North Central Soybean Research Program, $19,540, "Increasing the Rate of Genetic Gain for Yield in Soybean Breeding Programs."

ANIMAL SCIENCES AND INDUSTRY

Amamcharla, Jayendra K., Utah State University, $76,800, "Optimization and Characterization of Dairy-based Agglomerated Protein Products Using Whey Protein Hydrolysates as a Binding Agent."

Gragg, Sara E., Nwadike, Londa S. (Director of Cooperative Extension), and Vipham, Jessie (Dean of Agriculture and Director of AES), US Department of Agriculture, $44,857, "Capacity Building and Development for Food Safety in Bangladesh: Creative Approaches to Train-the-Trainer Programs for Hazard Analysis Critical Control Points (HACCP)."

Gragg, Sara E., Nwadike, Londa S. (Director of Cooperative Extension), and Rivard, Cary L. (Horticulture and Natural Resources), US Department of Agriculture, $900, "Continued Successful Implementation of FSMA in the North Central Region through Adoption of a Systems Approach and Stakeholder Engagement."

Lattimer, James M., Paulk, Chad B. (Grain Science and Industry), and Stark, Charles (Grain Science and Industry), Milne Fruit Products, $1,291, "Milne Fruit Blueberry Pellet."

Lee, Charles D., Kansas Department of Wildlife and Parks, $5,303, "Extension Education Position Support."


DEAN OF AGRICULTURE AND DIRECTOR OF AES
Pagadala, Venkata, and Stewart, Zachary P., International Fertilizer Development Center, $21,998, "Sustainable Opportunities for Improving Livelihoods with Soil (SOILS) Consortium."


Stewart, Zachary P., and Pagadala, Venkata, International Fertilizer Development Center, $197,980, "Sustainable Opportunities for Improving Livelihoods with Soil (SOILS) Consortium."

Vipham, Jessie, Bill and Melinda Gates Foundation, $140,935, "Ensuring the Safety and Quality of Milk and Dairy Products Across the Dairy Value Chain in Ethiopia."

Vipham, Jessie, Gragg, Sara E. (Animal Sciences and Industry), and Nwadike, Londa S. (Director of Cooperative Extension), US Department of Agriculture, $59,810, "Capacity Building and Development for Food Safety in Bangladesh: Creative Approaches to Train-the-Trainee Programs for Hazard Analysis Critical Control Points (HACCP)."

ENTOMOLOGY
Ruberson, John R., Support Funds, $6,000, "AEN Support Funds Research 50."

GRAIN SCIENCE AND INDUSTRY
Aldrich, Greg, Kerry Inc., $109,093, "Evaluation of Formulation and Processing on Bacillus Coagulans GBI-30, 6086 (GanedenBC30®) Survivability, and Impacts on Microbial Fermentation and Nutrient Digestibility in Dogs."


Paulk, Chad B., Lattimer, James M. (Animal Sciences and Industry), and Stark, Charles, Milne Fruit Products, $1,291, "Milne Fruit Blueberry Pellet."

Smith, Gordon L., and Blodgett, Paul E., General Mills, Inc., $34,523, "Project Charge - Service Task Order #1."

Stark, Charles, Lattimer, James M. (Animal Sciences and Industry), and Paulk, Chad B., Milne Fruit Products, $1,330, "Milne Fruit Blueberry Pellet."

HORTICULTURE AND NATURAL RESOURCES

Park, Sunghun, Heartland Plant Innovations, Inc., $10,000, "Establishing a High-throughput Sorghum Transformation Program."

Rivard, Cary L., Gragg, Sara E. (Animal Sciences and Industry), and Nwadike, Londa S. (Director of Cooperative Extension), US Department of Agriculture, $1,800, "Continued Successful Implementation of FSMA in the North Central Region through Adoption of a Systems Approach and Stakeholder Engagement."

KS CTR FOR AG RSRCES & THE ENV / KS WATER RSRCCE RSRCH INST
Devlin, Daniel L., Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M. (Northwest Research Extension Center), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K. (Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), Oubour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $11,050, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

NORTHWEST RESEARCH EXTENSION CENTER
Aiken, Robert M., Aguilar, Jonathan P. (Southwest Area Office), Devlin, Daniel L. (Ks Ctr for Ag Rsces & the Env / Ks Water Rsrce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K.
(Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R., Lin, Xiaomao (Agronomy), Obour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $5,100, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

Lamm, Freddie R., Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M., Devlin, Daniel L. (Ks Ctr for Ag Rsrces & the Env / Ks Water Rsrce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K. (Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lin, Xiaomao (Agronomy), Obour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $9,350, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

PLANT BIOTECHNOLOGY CENTER
Akhunova, Alina, and Akhunov, Eduard D. (Plant Pathology), US Department of Agriculture, $58,000, "Validation, Characterization, and Deployment of QTL for Grain Yield Components in Wheat."

PLANT PATHOLOGY
Akhunov, Eduard D., and Akhunova, Alina (Plant Biotechnology Center), US Department of Agriculture, $142,000, "Validation, Characterization, and Deployment of QTL for Grain Yield Components in Wheat."

Crain, Jared L., and Poland, Jesse A., US Department of Agriculture, $150,000, "BTT EAGER: Unified Big Data in Genomics and Phenomics for Plant Breeding."

Poland, Jesse A., Bill and Melinda Gates Foundation, $243,272, "Delivering Genetic Gain in Wheat."

Poland, Jesse A., and Crain, Jared L., US Department of Agriculture, $150,000, "BTT EAGER: Unified Big Data in Genomics and Phenomics for Plant Breeding."

SOUTHWEST RESEARCH EXTENSION CENTER
Holman, Johnathon D., Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsrces & the Env / Ks Water Rsrce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K. (Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), Obour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J., and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $4,250, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

Schlegel, Alan J., Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsrces & the Env / Ks Water Rsrce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D., Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K. (Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), Obour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $3,400, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

COLLEGE OF ARCHITECTURE, PLANNING AND DESIGN
Newmark, Gregory, US Department of Transportation, $5,000, "Dwight D. Eisenhower Transportation Fellowship Program (DDETFP) Student: Andrew Young."

Newmark, Gregory, US Department of Transportation, $5,000, "Dwight D. Eisenhower Transportation Fellowship Program (DDETFP) Student: Rachel Foss."

**COLLEGE OF ARTS AND SCIENCES**

**BIOCHEMISTRY**
Zolkiewska, Anna, US Department of Health and Human Services, $76,000, "Role of ADAM12 in Regulatory T Cell Accumulation within T11 Claudin-low Breast Tumors."

**BIOLOGY**
Boyle, Alice, National Science Foundation, $8,247, "RCN: Enabling Comparative Studies of the Process and Products of Sexual Selection in a Genomic Context."

Dodds, Walter K., Rice, Charles W. (Agronomy), and Zeglin, Lydia H., Kansas Board of Regents, $10,920, "RII Track-1: Microbiomes of Aquatic, Plant and Soil Systems Across Kansas."


Platt, Thomas G., National Science Foundation, $24,536, "Synergism Between Plant Symbionts on Productivity: Development of a Mechanistic and Predictive Model of Microbiome Benefits to their Plant Hosts."

Sponer, Brian S., Support Funds, $3,000, "OBO Biology Student Research Awards."


**CHAPMAN CENTER**
Lynn-Sherow, Bonnie, Kansas State University Foundation, $50,000, "OCC NEH Making the Leap."

**CHEMISTRY**
Higgins, Daniel A., Kansas State University Foundation, $15,000, "Center for Basic Cancer Research: Fraternal Order of Eagles Fund."


**GEOLOGY**
Raef, Abdelmoneam, and Totten, Matthew W., Schlumberger Technology Corporation, $9,121,644, "Contract for PETREL, TECHLOG, PETROMOD, GEOX Software."
Totten, Matthew W., and Raef, Abdelmoneam, Schlumberger Technology Corporation, $9,121,644, "Contract for PETREL, TECHLOG, PETROMOD, GEOX Software."

PHYSICS

Ivanov, Andrew G., National Science Foundation, $30,522, "U.S. CMS Operations at the Large Hadron Collider."

COLLEGE OF EDUCATION

DEAN OF EDUCATION
Shuman, Cindy, National Science Foundation, $10,878, "Adapting Socio-ecological Systems to Increased Climate Variability."


COLLEGE OF ENGINEERING

BIOLOGICAL AND AGRICULTURAL ENGINEERING
Rogers, Danny H., Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsrces & the Env / Ks Water Rsrce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K. (Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), Obour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M. (Northwest Area Office), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $1,700, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

CIVIL ENGINEERING
Hossain, Mustaque A., Kansas Department of Transportation, $4,337, "Evaluation of Carbon Char in Hot-Mix Asphalt Mixture."


Kulesza, Stacey E., Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsrces & the Env / Ks Water Rsrce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K. (Northwest Area Office), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), Obour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $6,800, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

COMPUTER SCIENCE

DEAN OF ENGINEERING
Bitsie-Baldwin, LaVerne, and Clark, Gary A., National Action Council for Minorities in Engineering, $22,500, "NACME Scholars Program."
Clark, Gary A., and Bitsie-Baldwin, LaVerne, National Action Council for Minorities in Engineering, $22,500, "NACME Scholars Program."

**ELECTRICAL AND COMPUTER ENGINEERING**

Prakash, Punit, Beard, Warren L. (Clinical Sciences), Biller, David S. (Clinical Sciences), and Ganta, Chanran K. (Veterinary Diagnostic Laboratory), US Department of Health and Human Services, $218,838, "Bronchoscope-guided Microwave Ablation of Early-Stage Lung Tumors."

**KANSAS INDUSTRIAL EXTENSION SERVICES**

Hanson, Brian R., and Snead, Bruce C., US Environmental Protection Agency, $3,750, "Kansas State University-Missouri Radon Training."

Snead, Bruce C., Tennessee Department of Environment & Conservation, $56,000, "Tennessee Department of Environment & Conservation."

Snead, Bruce C., and Hanson, Brian R., US Environmental Protection Agency, $3,750, "Kansas State University-Missouri Radon Training."

Snead, Bruce C., US Environmental Protection Agency, $2,900, "Radon Projects for Nebraska 2019."

**MECHANICAL AND NUCLEAR ENGINEERING**


**TECHNOLOGY DEVELOPMENT INSTITUTE**


COLLEGE OF HUMAN ECOLOGY

APPAREL, TEXTILES, AND INTERIOR DESIGN
Kaup, Migette L., and Doll, Gayle (Dean of Human Ecology), US Department of Health and Human Services, $146,166, "PEAK 2.0 Evaluation."

DEAN OF HUMAN ECOLOGY

FOOD, NUTRITION, DIETETICS AND HEALTH

HOSPITALITY MANAGEMENT
Jang, Jichul, Kansas State University Foundation, $3,500, "Safe and Healthy Sushi Cooking for Elderly People (Hyunghwa Oh)."

KINESIOLOGY
Ade, Carl, National Aeronautics and Space Administration, $50,535, "Omics and Biochemical Markers of Cardiovascular and Bone Health: Relationship with Bedrest and Standard Physiological Measures."

COLLEGE OF VETERINARY MEDICINE

ANATOMY AND PHYSIOLOGY

CLINICAL SCIENCES
Beard, Warren L., Biller, David S., Ganta, Chanran K. (Veterinary Diagnostic Laboratory), and Prakash, Punit (Electrical and Computer Engineering), US Department of Health and Human Services, $26,615, "Bronchoscope-guided Microwave Ablation of Early-Stage Lung Tumors."

Biller, David S., Beard, Warren L., Ganta, Chanran K. (Veterinary Diagnostic Laboratory), and Prakash, Punit (Electrical and Computer Engineering), US Department of Health and Human Services, $23,658, "Bronchoscope-guided Microwave Ablation of Early-Stage Lung Tumors."

Jugan, Maria C., Comparative Gastroenterology Society, $11,986, "Correlation of Anemia, Iron Status, and Cobalamin in Cats with GI Disease."

DEAN OF VETERINARY MEDICAL CENTER
White, Bradley J., Kansas Department of Agriculture, $211,260, "Kansas Cattle Traceability Pilot Project."

DIAGNOSTIC MEDICINE/PATHO BIOLOGY
Fang, Ying, US Department of Agriculture, $227,700, "Development of Novel Foot and Mouth Disease Virus with Mutations in Lpro for Evaluation As Live Attenuated Vaccine (LAV) Candidates."

Hardwidge, Philip R., US Department of Health and Human Services, $7,018, "KUCR CBID CoBRE Mentor for Dr. Stephanie Shames."
Ma, Wenjun, US Department of Health and Human Services, $409,517, "Biology and Infection of Bats with Novel Bat Influenza Viruses."

Renter, David G., Merck Animal Health, $33,744, "Assessing the Economics Associated with Cattle Health and Production Research Trial Results."


VETERINARY DIAGNOSTIC LABORATORY
Ganta, Chanran K., Beard, Warren L. (Clinical Sciences), Biller, David S. (Clinical Sciences), and Prakash, Punit (Electrical and Computer Engineering), US Department of Health and Human Services, $26,615, "Bronchoscope-guided Microwave Ablation of Early-Stage Lung Tumors."

Henningson, Jamie N., US Department of Agriculture, $250, "NAHLN RAD Testing."

KANSAS COOPERATIVE EXTENSION SERVICE

DIRECTOR OF COOPERATIVE EXTENSION
Nwadike, Londa S., Gragg, Sara E. (Animal Sciences and Industry), and Vipham, Jessie (Dean of Agriculture and Director of AES), US Department of Agriculture, $44,857, "Capacity Building and Development for Food Safety in Bangladesh: Creative Approaches to Train-the-Trainer Programs for Hazard Analysis Critical Control Points (HACCP)."

Nwadike, Londa S., Gragg, Sara E. (Animal Sciences and Industry), and Rivard, Cary L. (Horticulture and Natural Resources), US Department of Agriculture, $6,300, "Continued Successful Implementation of FSMA in the North Central Region through Adoption of a Systems Approach and Stakeholder Engagement."


EXTENSION FAMILY AND CONSUMER SCIENCES
Procter, Sandra B., and Peters, Paula (Director of Cooperative Extension), US Department of Agriculture, $1,983,141, "Kansas Food Assistance Nutrition Education Plan."

NORTHWEST AREA OFFICE
Haag, Lucas A., Support Funds, $3,000, "XNW Support Funds Public Service Off Campus 26."

Johnson, Sandra K., Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsces & the Env / Ks Water Rsce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R. (Agricultural Research Center-Hays), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), Obour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M., Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $1,700, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

O'Brien, Daniel M., Aguilar, Jonathan P. (Southwest Area Office), Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsces & the Env / Ks Water Rsce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K., Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), Obour, Augustine K.
(Agricultural Research Center-Hays), Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L. (Southwest Area Office), US Department of Agriculture, $850, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

SOUTHWEST AREA OFFICE
Aguilar, Jonathan P., Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsrces & the Env / Ks Water Rsrce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K. (Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), Obour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), Schlegel, Alan J. (Southwest Research Extension Center), and Vandeveer, Monte L., US Department of Agriculture, $17,000, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

Vandeveer, Monte L., Aguilar, Jonathan P., Aiken, Robert M. (Northwest Research Extension Center), Devlin, Daniel L. (Ks Ctr for Ag Rsrces & the Env / Ks Water Rsrce Rsrch Inst), Golden, Bill B. (Agricultural Economics), Holman, Johnathon D. (Southwest Research Extension Center), Jaeger, John R. (Agricultural Research Center-Hays), Johnson, Sandra K. (Northwest Area Office), Kulesza, Stacey E. (Civil Engineering), Lamm, Freddie R. (Northwest Research Extension Center), Lin, Xiaomao (Agronomy), Obour, Augustine K. (Agricultural Research Center-Hays), O'Brien, Daniel M. (Northwest Area Office), Rogers, Danny H. (Biological and Agricultural Engineering), and Schlegel, Alan J. (Southwest Research Extension Center), US Department of Agriculture, $850, "Water Management to Sustain the Economic Activity from the Ogallala Aquifer on the Southern High Plains - KSU."

OFFICE OF THE PROVOST

DEAN OF GLOBAL CAMPUS
Wolfe, Jeffrey J., Kansas Department of Commerce, $40,000, "Executive Education by Kansas State University."

OFFICE OF THE PROVOST
King, Brenee, and Montelone, Beth A. (Office of Research Development), National Science Foundation, $2,059, "Recruitment of Underrepresented Minorities into STEM with a Summer Research Immersion Experience."

SCHOOL OF LEADERSHIP STUDIES
Steffensmeier, Timothy R., and Tolar, Mary H., Kansas Leadership Center, $122,612, "Kansas Leadership Center Research Initiative."

Tolar, Mary H., and Steffensmeier, Timothy R., Kansas Leadership Center, $13,624, "Kansas Leadership Center Research Initiative."

VICE PRESIDENT FOR RESEARCH

OFFICE OF RESEARCH DEVELOPMENT
Montelone, Beth A., and King, Brenee (Office of the Provost), National Science Foundation, $2,059, "Recruitment of Underrepresented Minorities into STEM with a Summer Research Immersion Experience."

VICE PRESIDENT FOR STUDENT LIFE AND DEAN OF STUDENTS
EDUCATIONAL AND PERSONAL DEVELOPMENT
Bannister, Stephanie, Kansas State University Foundation, $113,485, "First Generation Office - Suder Foundation."

KSU CHILD DEVELOPMENT CENTER, INC.
Mitchell, Rose M., City of Manhattan, KS, $44,132, "Social Services Advisory Board - 2019."

STUDENT HEALTH
DeDonder, Jean M., and Parker, James S., City of Manhattan, KS, $12,000, "Special Alcohol Funding - 2019."

Parker, James S., and DeDonder, Jean M., City of Manhattan, KS, $3,000, "Special Alcohol Funding - 2019."