EXTRAMURAL AWARDS
February 2019

COLLEGE OF AGRICULTURE

AGRICULTURAL ECONOMICS
Amanor-Boadu, Vincent R., Ross, Kara, Shanoyan, Aleksan, and Zereyesus, Yacob, US Department of Agriculture, $739,639, "METSS Ghana Implementation (Sustaining Growth Through Effective Management and Collaboration)."

Ross, Kara, Amanor-Boadu, Vincent R., Shanoyan, Aleksan, and Zereyesus, Yacob, US Department of Agriculture, "METSS Ghana Implementation (Sustaining Growth Through Effective Management and Collaboration)."

Shanoyan, Aleksan, Amanor-Boadu, Vincent R., Ross, Kara, and Zereyesus, Yacob, US Department of Agriculture, "METSS Ghana Implementation (Sustaining Growth Through Effective Management and Collaboration)."


AGRONOMY
Adee, Eric A., Support Funds, $3,600, "AGR Support Funds Experiment Field 26."

Ciampitti, Ignacio, Compass Minerals USA Inc., $13,032, "Improving Soybean Yields on an Integrated Farming Systems Approach."


Ransom, Michel D., Fluid Fertilizer Foundation, $6,000, "Fluid Fertilizer Foundation."

Ruiz Diaz Suarez, Dorivar A., Koch Agronomic Services, LLC, $9,452, "Evaluation of Experimental Urease Inhibitors in Corn."

ANIMAL SCIENCES AND INDUSTRY
Amamcharla, Jayendra K., Abbott Laboratories, $16,124, "Evaluation Reconstitution of Abbott Powders."

DeRoucheay, Joel M., Dritz, Steven S. (Diagnostic Medicine/Pathobiology), Goodband, Robert D., Tokach, Michael D., and Woodworth, Jason C., Ajinomoto Heartland LLC, $8,000, "Tryptophan Requirement of Finishing Pigs Fed Ractopamine HC1."

DeRoucheay, Joel M., Dritz, Steven S. (Diagnostic Medicine/Pathobiology), Goodband, Robert D., Tokach, Michael D., and Woodworth, Jason C., PIC North America (PIC USA, Inc.), $12,000, "PIC Student Fellowship."

Goodband, Robert D., DeRoucheay, Joel M., Dritz, Steven S. (Diagnostic Medicine/Pathobiology), Tokach, Michael D., and Woodworth, Jason C., Ajinomoto Heartland LLC, $8,000, "Tryptophan Requirement of Finishing Pigs Fed Ractopamine HC1."

Goodband, Robert D., DeRoucheay, Joel M., Dritz, Steven S. (Diagnostic Medicine/Pathobiology), Tokach, Michael D., and Woodworth, Jason C., PIC North America (PIC USA, Inc.), $12,000, "PIC Student Fellowship."
O'Quinn, Travis G., Certified Hereford Beef LLC, $50,684, "Consumer Evaluation of Certified Hereford Beef in Comparison to USDA Choice, Prime, and Upper 2/3 Choice Beef from Black-hided Cattle."

Tokach, Michael D., DeRouchey, Joel M., Dritz, Steven S. (Diagnostic Medicine/Pathobiology), Goodband, Robert D., and Woodworth, Jason C., PIC North America (PIC USA, Inc.), $12,000, "PIC Student Fellowship."

Woodworth, Jason C., DeRouchey, Joel M., Dritz, Steven S. (Diagnostic Medicine/Pathobiology), Goodband, Robert D., and Tokach, Michael D., Ajinomoto Heartland LLC, $8,000, "Tryptophan Requirement of Finishing Pigs Fed Ractopamine HC1."

Woodworth, Jason C., DeRouchey, Joel M., Dritz, Steven S. (Diagnostic Medicine/Pathobiology), Goodband, Robert D., and Tokach, Michael D., PIC North America (PIC USA, Inc.), $12,000, "PIC Student Fellowship."

DEAN OF AGRICULTURE AND DIRECTOR OF AES

ENTOMOLOGY
Ruberson, John R., Support Funds, $1,000, "AEN Support Funds Research 50."

GRAIN SCIENCE AND INDUSTRY


HORTICULTURE AND NATURAL RESOURCES
Barden, Charles J., US Department of Agriculture, $24,500, "Food and Water Systems Resiliency on the Kickapoo Tribe in Kansas Reservation."

Fry, Jack D., Hoyle, Jared, and Kennelly, Megan (Plant Pathology), Golf Course Superintendents Association of America, $6,400, "Zoysiagrass Seedhead Development and Suppression."

Hoyle, Jared, Fry, Jack D., and Kennelly, Megan (Plant Pathology), Golf Course Superintendents Association of America, $6,400, "Zoysiagrass Seedhead Development and Suppression."

PLANT PATHOLOGY
Kennelly, Megan, Fry, Jack D. (Horticulture and Natural Resources), and Hoyle, Jared (Horticulture and Natural Resources), Golf Course Superintendents Association of America, $3,200, "Zoysiagrass Seedhead Development and Suppression."

Leslie, John F., International Institute for Tropical Agriculture, $38,151, "Collaboration Agreement."

Little, Christopher R., North Central Soybean Research Program, $16,000, "Seedling Diseases: Biology, Management and Education."

COLLEGE OF ARTS AND SCIENCES
Spooner, Brian S., Kansas State University Foundation, $13,848, "Biology Research Career Development Core."

CHEMISTRY


GEOGRAPHY

Caldas, Marcellus M., Stroud Water Research Center, $20,000, "Stroud Water Research Center Agreement."

MATHEMATICS

Auckly, David R., and Blank, Ivan, National Science Foundation, $9,998, "Midwest Geometry Conference 2019-2021."

Blank, Ivan, and Auckly, David R., National Science Foundation, $9,998, "Midwest Geometry Conference 2019-2021."

Poggi-Corradini, Pietro, National Science Foundation, $30,000, "Modern Aspects of Complex Analysis and Its Applications."

PHYSICS

Berg, Matthew J., US Department of Defense, $123,484, "Field Enhanced Optical Transmission in Metal."

PSYCHOLOGICAL SCIENCES


COLLEGE OF EDUCATION

CURRICULUM AND INSTRUCTION

Goodson, F. Todd, and Martinez, Tonnie T., US Department of Education, $159,034, "KSTEP-UP Kansas Statewide Teacher Education Pathway for Underserved and Place-bound Students."

Martinez, Tonnie T., and Goodson, F. Todd, US Department of Education, $159,034, "KSTEP-UP Kansas Statewide Teacher Education Pathway for Underserved and Place-bound Students."

DEAN OF EDUCATION

Shuman, Cindy, National Science Foundation, $30,000, "NSF INCLUDES: American Indian Traditional Science Experience."

Shuman, Cindy, US Department of Health and Human Services, $13,680, "Kansas IDeA Network of Biomedical Research Excellence (K-IMBRE)."

COLLEGE OF ENGINEERING

ELECTRICAL AND COMPUTER ENGINEERING

Pahwa, Anil, National Science Foundation, $258,404, "National Science Foundation - Intergovernmental Personnel Act."

Shadmand, Mohammad B., Qatar Foundation, $18,000, "1-MW PV Power RD&D Using SiC-based qZS Cascade Multilevel Inverter and Battery Energy Storage."
Shadmand, Mohammad B., White, Warren J. (Mechanical and Nuclear Engineering), and Wu, Hongyu, US Department of Energy, $2,499, "Collegiate Wind Competition 2019."


KANSAS INDUSTRIAL EXTENSION SERVICES
Carter, David A., Cook, Yvonne C., and Hamel, Ryan J., National Renewable Energy Laboratory, $16,000, "Wind for Schools."


Hamel, Ryan J., Carter, David A., and Cook, Yvonne C., National Renewable Energy Laboratory, $1,000, "Wind for Schools."

Larson, Nancy J., US Department of Health and Human Services, $9,000, "Douglas County Food Awareness Campaign."

MECHANICAL AND NUCLEAR ENGINEERING

White, Warren J., Shadmand, Mohammad B. (Electrical and Computer Engineering), and Wu, Hongyu (Electrical and Computer Engineering), US Department of Energy, $4,998, "Collegiate Wind Competition 2019."

COLLEGE OF HUMAN ECOLOGY

FOOD, NUTRITION, DIETETICS AND HEALTH
Pacinelli, Lauren E., and Thiele, Ryan, Mid-America Athletic Trainers' Association (MAATA), $2,000, "Effect of Low-Load Low-Intensity Training with Blood Flow Restriction on the Triceps Surae and Achilles Tendon."

Thiele, Ryan, and Pacinelli, Lauren E., Mid-America Athletic Trainers’ Association (MAATA), "Effect of Low-Load Low-Intensity Training with Blood Flow Restriction on the Triceps Surae and Achilles Tendon."

SCHOOL OF FAMILY STUDIES AND HUMAN SERVICES

Butler, Meredith A., US Department of Agriculture, $2,571,070, "4-H Military Partnerships and Outreach Support Program."


COLLEGE OF VETERINARY MEDICINE

ANATOMY AND PHYSIOLOGY
Shi, Jishu N., Blecha, Frank (Dean of Veterinary Medical Center), and Wang, Lei (Dean of Veterinary Medical Center), Zoetis LLC, $90,000, "International Veterinary Collaboration for China DVM Program."
CLINICAL SCIENCES
Harkin, Kenneth R., and Hetrick, Merry Caitlin (Veterinary Health Center), MYOS RENS Technology Inc, $6,960, "Evaluation of Fortetropin on Quality of Life and Activity in Geriatric Dogs."

DEAN OF VETERINARY MEDICAL CENTER
Blecha, Frank, Shi, Jishu N. (Anatomy and Physiology), and Wang, Lei, Zoetis LLC, $20,000, "International Veterinary Collaboration for China DVM Program."

Wang, Lei, Blecha, Frank, and Shi, Jishu N. (Anatomy and Physiology), Zoetis LLC, $90,000, "International Veterinary Collaboration for China DVM Program."

DIAGNOSTIC MEDICINE/PATHOBIOLOGY
Dritz, Steven S., DeRouchey, Joel M. (Animal Sciences and Industry), Goodband, Robert D. (Animal Sciences and Industry), Tokach, Michael D. (Animal Sciences and Industry), and Woodworth, Jason C. (Animal Sciences and Industry), Ajinomoto Heartland LLC, $8,000, "Tryptophan Requirement of Finishing Pigs Fed Ractopamine HC1."

Dritz, Steven S., DeRouchey, Joel M. (Animal Sciences and Industry), Goodband, Robert D. (Animal Sciences and Industry), Tokach, Michael D. (Animal Sciences and Industry), and Woodworth, Jason C. (Animal Sciences and Industry), PIC North America (PIC USA, Inc.), $12,000, "PIC Student Fellowship."

VETERINARY DIAGNOSTIC LABORATORY
Moore, Susan M., Corixa Corporation (d/b/a GSK Vaccines), $160,684, "Analysis of Serum Anti-Rabies Purchase Order 4800017197."

Moore, Susan M., Corixa Corporation (d/b/a GSK Vaccines), $71,561, "KSU SAM Rabies 2017.07-2018. Purchase Order 4800018902."

VETERINARY HEALTH CENTER
Hetrick, Merry Caitlin, and Harkin, Kenneth R. (Clinical Sciences), MYOS RENS Technology Inc, $6,960, "Evaluation of Fortetropin on Quality of Life and Activity in Geriatric Dogs."

KANSAS COOPERATIVE EXTENSION SERVICE

NORTHEAST AREA OFFICE
Mack, Diane D., National 4-H Council, $20,000, "Kansas 4-H Ag Innovators Experience 2019."

K-STATE POLYTECHNIC CAMPUS

SALINA RESEARCH AND ENGAGEMENT
Carraway, Kurt J., Kansas Department of Transportation, $294, "KDOT IPP C2 Analysis Task Order #3."