

Capitol Graduate Research Summit participants and award winners Friday, March 10th, 2017 at the State Capitol Building in Topeka, KS

The following graduate students were selected as the top 10 presenters at the Research and the State graduate student poster session held on November 2, 2016. These 10 students represented K-State by presenting their research posters at the 14th annual [Capitol Graduate Research Summit](#) (CGRS) on March 10, 2017. The CGRS is an annual showcase of research conducted by graduate students from Kansas State University, Wichita State University, the University of Kansas, the University of Kansas Medical Center, Pittsburg State University, Emporia State, and Fort Hays State University. Participants share their research posters with state legislators and members of the Kansas Board of Regents. The top presenters from each university will receive \$500 scholarships sponsored by the participating institutions and [BioKansas](#).

¹Recipient of \$500 scholarship from Kansas State University

²Recipient of \$500 scholarship from BioKansas

Name	Degree Program	Faculty Advisor	Presentation Title
Sam Emerson	Human Nutrition, PhD	Sara Rosenkranz	Characterizing the inflammatory response to a high-fat meal in healthy adults: A systematic review
Regina Enniful	Agronomy, PhD	Krishna Jagadish	Characterization of parents of sorghum mapping populations exposed to water-deficit stress during the vegetative stage
Matthew Galliard	Biology, PhD	Loretta Johnson	Experimental natural selection of big bluestem ecotypes across the great plains: A novel test for the strength of local adaptation
Catherine Steele	Psychology, PhD	Kimberly Kirkpatrick	Diet-induced impulsivity: The effect of high-fat and high-sugar diets on the mechanisms of impulsive choice
Md Zahidul Karim	Civil Engineering, PhD	Stacey Tucker-Kulesza	Characterizing soil erosion potential using electrical resistivity
Jack Lemmon	Animal Sciences, MS	KC Olson	Effects of intensive late-season sheep grazing following early-season steer grazing on population dynamics of sericea lespedeza in the Kansas flint hills
Ryan Schmid ¹	Entomology, PhD	Brian McCornack	Protecting Kansas wheat: Assessment of a novel hessian fly monitoring strategy
Tri Tran	Civil Engineering, PhD	Stacey Tucker-Kulesza	Determining surface roughness in erosion testing using photogrammetric method
Joshua Weese	Computer Science, PhD	William Hsu	Bringing computational thinking to K-12
Zheng Zhao ²	Biological and Agricultural Engineering, PhD	Mei He	Developing multiplexed detection of blood exosomal markers for diagnosis of ovarian cancer