

Capitol Graduate Research Summit participants and award winners Tuesday, March 27th, 2018 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
Laura Constance ²	Pathobiology, PhD	Megan Niederwerder	Role of the gut microbiome in response to vaccination and viral respiratory infection in growing pigs
Sam Fox	Biology, PhD	Ari Jumpponen	Soil microbial community shifts due to different fire severities
Jillian Joyce	Human Nutrition, PhD	Sara Rosenkranz	Development of evidence-based school lunch best practices: A critical review
Rijesh Karmacharya	Civil Engineering, MS	Sunanda Dissanayake	Calibration of highway safety manual for 4-legged signalized intersections at urban and suburban areas in Kansas
Ashley Kelly	Horticulture, MS	Jeffrey Skibins	Inspiring future conservationists through a junior zookeeper program
Kahao Lim	Civil Engineering, PhD	Prathap Parameswaran	Sustainable resource recovery from municipal wastewater in a pilot-scale anaerobic membrane bioreactor (ANMBR) at Ft. Riley, KS
Narmadha Mohankumar	Statistics, PhD	Andres Patrignani	Optimizing the design of the Kansas mesonet environmental monitoring network
Barrett Scroggs	Human Ecology, Life Span Human Development, PhD	Amber Venum	The influence of parental emotional support on income and well-being during the transition to adulthood: A life-span approach comparing sexual minority and heterosexual individuals
Stuart Sprague ¹	Horticulture, PhD	Sunghun Park	Expression of ATGRXS17 in maize increases yield under heat stress
Tom Su	Family Studies and Human Services, Couple and Family Therapy, MS	Joyce Baptist	Enhance health with a new evidence-based treatment for depression