

Capitol Graduate Research Summit participants and award winners Tuesday, March 27th, 2020 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, 2019. These 10 students represented K-State by presenting their research posters at the 16th annual [Capitol Graduate Research Summit](#) (CGRS) on March 10, 2020. 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
Dryden Baumfalk ¹	Physiology, PhD	Bradley Behnke	Effects of prostate Cancer and Exercise Training on left ventricular function and cardiac and skeletal muscle mass
Arvind Damodara Kannan ²	Civil Engineering, PhD	Prathap Prameswaran	Beneficial Recovery of Ammonia from Swine Wastewater for reuse as targeted slow release fertilizer
Randall Martin	Grain Science, MS	Sajid Alavi	Functional Strach Properties of Extrusion pre-cooked Chickpea Flours
Hannah Quellhorsy	Grain Science, MS	Rob Morrison	Efficacy of Novel, Reduced-Risk Insecticides as an Alternative Management Tactic for Post-Harvest Insects on food Facilities
Catherine Stewart	Agronomy, PhD	Peter Tomlinson	Seasonal effects of cover crops and phosphorus fertilizer management on plfa and microbial biomass in a no-till corn-soybean cropping system in north eastern kansas
Paula Silva	Genetics, PhD	Jesse Poland	Harnessing the wild side to improve wheat curl mite resistance
Ashish Kumar ³	Biology, PhD	Phillip Klebba	Universal fluorescent sensors of high affinity iron transport, applied to klebsiella pneumoniae
Stephan Lauer	Sociology, PhD	Matthew Sanderson	Conserving kansas communities through voluntary group efforts to manage ogallala groundwater
Speck Holly	Mass Communications, MS	Raluca Cozma	Band of Brothers (And Sisters): Gender Framing in U.S. Army Commercial Advertising
Paige McAllister	Human Ecology - Couple and Family Therapy, PhD	Amber Vennum	Self-Compassion in the Aftermath of Sexual Violence