

## Capitol Graduate Research Summit participants and award winners Tuesday, March 27<sup>th</sup>, 2022 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, 2021. These 10 students represented K-State by presenting their research posters at the 16<sup>th</sup> annual [Capitol Graduate Research Summit](#) (CGRS) on March 10, 2022. 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](#).

<sup>1</sup>Recipient of \$500 scholarship from Kansas State University

<sup>2</sup>Recipient of \$500 scholarship from BioKansas

Name	Degree Program	Faculty Advisor	Presentation Title
Manojt Kaur Rekhi	Agronomy, MS	Ganga Hettiarachchi	Can a soil based microbial fuel cell track nutrient dynamics?
Hannah Stowe	Entomology, MS	Tania Kim	Discontinuous diet alters fitness and flight behavior of <i>Hippodamia convergens</i> (Coleoptera: Coccinellidae).
Tian Liu	Economics, PhD	Peri Silva	General Trade Policy Uncertainty and U.S. Trade Flows
Juhwan Lim	Human Ecology - Hospitality Administration, PhD	Jichul Jang	The Role of Photos to attract more guests for local community
Jauyoung Ha	Environmental Design & Planning, PhD	Hyung Jun Kim	Does Campus Biodiversity Matter For Students Psychological Wellbeing ?
Jeremy Williams	Interdisciplinary Programs, PhD	Ellyn Mulcahy	Data-Driven Stories of Opportunity: Development of a Comprehensive communication plan for the riley County opportunity Map
Stephan Hammond <sup>3</sup>	Human Ecology – Kinesiology, PhD	Carl Ade	Skin Blood Vessel Responses Following 5-Fluorouracil Chemotherapy Administration
Cameron Osborne <sup>2</sup>	Entomology, PhD	Kristopher Silver	Identifying Enzymes Limiting an Effective Rnai Response in the biting Midge <i>Culicoides Sonorensis</i>
Kelly Shunje <sup>1</sup>	Civil Engineering, PhD	Christer Aakeroy	Crystal Engineering Approach in Designing Enhanced Urea Fertilizers
Chetan Badgujar	Biological and Agriculture Engineering, PhD	Daniel Flippo	Tractive Performance of Tracked Ground Autonomous Vehicle on Varying Slopes