

Capitol Graduate Research Summit participants and award winners
Thursday, February 17th, 2011 at the State Docking Building in Topeka, KS

The following graduate students were selected as the top 10 presenters from Research and the State (held on February 2, 2011). These students presented their research posters at the 8th annual Capitol Graduate Research Summit (CGRS) in Topeka on February 17, 2011. The CGRS is an annual showcase of research conducted by graduate students from Kansas State University, Wichita State University, the University of Kansas, and the University of Kansas Medical Center. Participants have the opportunity to present their research posters to state legislators and the Board of Regents. At the CGRS, two judges (one from academics and one from industry) selected the top two K-State presenters to receive a \$500 scholarship sponsored by KansasBio.

*Recipient of \$500 scholarship from KansasBio

†Student was unable to participate in CGRS

**Student was selected as an alternate presenter and presented a poster at the CGRS

Name	Department	Faculty Advisor	Presentation Title
Shonda Anderson	Agricultural Economics	Sean Fox	PREFERENCES OF US AND EU UNDERGRADUATES FOR CLONING
George Paul	Agronomy	Vara Prasad	CROP MODELING APPROACH FOR ASSESSING IMPACTS OF CLIMATE CHANGE AND VARIABILITY ON CROP PRODUCTIVITY IN THE OGALLALA AQUIFER REGION
Lateef uddin Syed*	Chemistry	Jun Li	DIELECTROPHORETIC CAPTURE OF E. COLI AT NANO-ELECTRODE ARRAYS
Evan Hurley	Chemistry	Christer Aakeroy	COUPLING PYRAZOLE TO PYRIDINE: STEPS TO ENGINEERING A BETTER AGRICULTURAL CHEMICAL AND PREDICTING BINDING PREFERENCES THROUGH CO-CRYSTAL SYNTHESIS
Neena Kanwar	Diagnostic Medicine & Pathobiology	H. M. Scott	EFFECTS OF CONTROLLED INTERVENTION STRATEGIES ON THE QUANTITIES OF A CEFTIOFUR RESISTANCE GENE (BLACMY-2) IN THE FECES OF FEEDLOT CATTLE
Sakshi Pahwa*	Electrical & Computer Engineering	Caterina Scoglio	DISTRIBUTED SOURCES AND ISLANDING TO MITIGATE CASCADING FAILURES IN POWER GRID NETWORKS
Sarah Kubler	Electrical & Computer Engineering	Caterina Scoglio	RELIABLE AND SECURE NETWORKS FOR THE COMMUNICATION OF THE POWER GRID
Orlando Aguilar	Biological & Agricultural Engineering	Ronaldo Maghirang	NITROUS OXIDE EMISSION FROM A COMMERCIAL CATTLE FEEDLOT IN KANSAS
Jennifer Hanson [†]	Human Nutrition	Mark Haub	DIETARY INTAKES OF OMEGA-3 FATTY ACIDS AMONG SOLDIERS DEPLOYING TO COMBAT
Matthew VanSchenkof	Hospitality Management & Dietetics	Betsy Barret	AN INVESTIGATION OF WATER USAGE IN CASUAL DINING RESTAURANTS IN KANSAS
Pei Liu ^{**}	Hospitality Management & Dietetics	Junehee Kwon	PERCEIVED AVAILABILITY OF AND ATTITUDES TOWARD HEALTHY FOOD CHOICES IN ASSISTED-LIVING FACILITIES IN KANSAS