

Graduate Student Poster Session - First round: 10:00am-12:00pm, Second round: 1:00pm-3:30pm, KS Ballroom
(All presenters listed below will participate in the first round. The participant pool will be reduced for the second round.)

Poster number	First name	Last name	Academic department	faculty advisor	abstract title
1	Sruthi	Narayanan	Agronomy	Rob Aiken	Allometric model to quantify sorghum canopy formation
2	Raymond	Mutava	Agronomy	Vara Prasad	Evaluating the effects of drought stress on growth and development of sorghum roots
3	Moses	Khamis	Grain Science and Industry	Hulya Dogan	Effect of kneading speed on thermomechanical properties of flour doughs
4	Paul	Mitchell	Grain Science	Hulya Dogan	Compressive Strength of Wheat Kernels after Soaking
5	PREDEESH	CHANDRAN	ENTOMOLOGY	John C. Reese	Feeding behavior comparison of soybean aphid biotypes on different soybean entries
6	Erik	Echegaray	Entomology	Raymond A. Cloyd	Life history parameters of the rove beetle, <i>Atheta coriaria</i> and suitability as a biological control agent against the fungus gnat, <i>Bradysia</i> sp. nr. <i>Coprophi</i> a
7	Elizabeth	Yeager	Agricultural Economics	Michael Langemeier	Productivity Divergence across Kansas Farms

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8	Taylor	Green	Clinical Sciences	Daniel Thomson	Time of onset, location and duration of lameness in beef cattle in a commercial feedyard
9	Anthony	Tarpoff	Clinical Sciences	Dan Thomson	Comparative Efficacy of Two Ivermectin Pour-on Anthelmintics in Beef Steers in a Commercial Feedyard
10	Dane	Anspaugh	Clinical Science	Dan Thomson	Comparison of Observational and Necropsy Derived Diagnosis for Cause of Death for Cattle in Commercial Beef Feedlots
11	Rohit	Kamat	Biochemistry	Lawrence Davis	Metabolism of azo dyes, methyl red and methyl orange by plants
12	Lorena	Gomez	Plant Pathology	Karen A. Garrett	DNA pyrosequencing to determine the influence of fallow period on soil microbial communities in the Bolivian highlands
13	Leah	Sigle	Entomology	Marcelo Ortigao	Kazal-type Serine Protease Inhibitors in Phlebotomus papatasi midgut
14	Raghavendra	Amachawadi	Diagnostic Medicine/Pathobiology	Harvey M. Scott	Molecular epidemiology of vancomycin-resistant Enterococcus faecium isolated from a semi-closed and integrated agri-food system

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15	Sean	Tomlinson	Chemical Engineering	Jennifer Anthony	Infrared spectroscopy as a compliment to X-ray diffraction for zeolite examination
16	Daming	Wei	Chemical Engineering	James H. Edgar	Dry thermal oxidation of GaN with SEM, AFM and XPS characterization
17	Shahin	Nayeri Amiri	Civil Engineering	Hayder Rasheed	NONDESTRUCTIVE METHOD TO PREDICT THE BUCKLING LOAD IN SPHERICAL SHELLS
18	Nicholas	Roseveare	Electrical and Computer Engineering	Bala Natarajan, Phd	Energy-Aware Distributed Tracking in Wireless Sensor Networks
19	Adrian	Carmichael	Physics	Sanjay Rebello	Comparing Expert and Novice Eye Movements While Solving Physics Problems
20	Dehui	Hu	Physics	Sanjay Rebello	Tutorials to facilitate problem solving in calculus-based introductory physics course
22	Rachel	Manspeaker	Mathematics	Andrew Bennett	Using Data-Mining to Classify Student Behaviors
23	Kyle	White	Architecture	Susanne Siepl-Coates	The Learning Suite: Creating Environments for Autistic Children
24	Timothy	Hansen	Architecture	Rebecca Stark	Multimodal Sensory Zoning for Those with Autism Spectrum Disorder (ASD)

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25	Kristin	Van Dusen	College of Architecture Planning and Design	Susanne Siepl-Coates	The Built Environment as a Cognitive Mapping Device for Autistic Individuals
26	Joshua	Hartman	College of Architecture Planning and Design	Susanne Siepl-Coates	Architectural Design to Promote Physical Activity among Children with Autism Spectrum Disorder
27	Yee Ming	Lee	Hospitality Management & Dietetics	Junehee Kwon	EXPLORATION OF ATTITUDES AND BEHAVIORS OF CONSUMERS WITH FOOD ALLERGIES ABOUT DINING OUT: A FOCUS GROUP STUDY
28	JungHoon (Jay)	Lee	Hospitality Management and Dietetics	Chihyung Ok	The Moderating Effect of Emotional Intelligence on the Relationship between Emotional Labor and Service Behavior among Hotel Employees
29	Ju Won	Choi	Hospitality Management and Dietetics	Chihyung Ok	The Effect of Online Restaurant Reviews on Diners' Visit Intention: A Comparative Analysis of Expert vs. Peer Reviews
30	Jill	Maurer	Architecture	Susanne Siepl-Coates	Architecture as Therapy: Using Spatial Cognition to Foster Explorative Action in Autistic Children

Capitol Graduate Research Summit poster presentations - 1:00pm-3:00pm, KS Ballroom

(The following poster presentations were given at the CGRS in Topeka on February 17, 2011.)

Poster number	First name	Last name	Academic department	faculty advisor	abstract title
31	Shonda	Anderson	Agricultural Economics	Sean Fox	Preferences of US and EU Undergraduates for Cloning
32	George	Paul	Agronomy	Vara Prasad	Crop modeling approach for assessing impacts of climate change and variability on crop productivity in the Ogallala aquifer region
33	Lateef	uddin Syed	Chemistry	Jun Li	Dielectrophoretic Capture of E. coli at Nanoelectrode Arrays
34	Evan	Hurley	Chemistry	Christer Aakeroy	Coupling pyrazole to pyridine: steps to engineering a better agricultural chemical and predicting binding preferences through co-
35	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
36	Sakshi	Pahwa	Electrical and Computer Engineering	Caterina Scoglio	Distributed sources and islanding to mitigate cascading failures in power grid networks.
37	Sarah	Kubler	Electrical and Computer Engineering	Caterina Scoglio	Reliable and Secure Networks for the Communication of the Power Grid

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38	Orlando	Aguilar	Biological and Agricultural Engineering	Ronaldo Maghirang	NITROUS OXIDE EMISSIONS FROM A COMMERCIAL CATTLE FEEDLOT IN KANSAS
39	Jennifer	Hanson	Hospitality Management and Dietetics	Mark Haub	Dietary Intakes of Omega-3 Fatty Acids among Soldiers Deploying to Combat
40	Matthew	VanSchenk Hof	Hospitality Management and Dietetics	Elizabeth Barrett	AN INVESTIGATION OF WATER USAGE IN CASUAL DINING RESTAURANTS IN KANSAS
41	Pei	Liu	Hospitality Management and Dietetics	Junehee Kwon	Perceived Availability of and Attitudes toward Healthy Food Choices in Assisted-Living Facilities in Kansas
