2012 ESURP Participants

Eric Anderson and Dr. Brenda Koerner. College of Liberal Arts and Sciences. Department of Biological Sciences. Determination of the Allelopathic Compounds in Sericea Lespedeza (Lespedeza cuneata)

D. Marie Barlow and Dr. Marcia Schulmeister. College of Liberal Arts and Sciences. Department of Physical Sciences. Groundwater-Surface Water Nitrogen and Phosphorus Exchange at Two Locations along a Meandering River: A Comparative Study of Hydrochemical Environments along Straight and Meander Channels

Dustin Burgardt and Dr. Jorge Ballester. College of Liberal Arts and Sciences. Department of Physical Sciences. Design and construction of a pulse induction metal detector for study and mapping of meteorite debris fields around Kansas impact craters

Jessica Dhority and Dr. Jun Yu. The School of Business. Department of Business Administration and Education. Employee Motivations and Customer Service Quality: Integrating Findings from Positive Psychology

Aubrey Henneke and Dr. Lendi Bland. The Teachers College. Department of Early Childhood/Elementary Teacher Education. Comparing the Importance of Dispositions Between Faculty, In-Service Teachers, Preservice Teachers and High School Students

Somi Kim and Dr. Kee Jun Kim. K-INBRE. College of Liberal Arts and Sciences. Department of Biological Sciences and University of Kansas Medical Center. The HEK-mediated E. coli K1 penetration of the blood-brain barrier (BBB)

    Oral presentation at the 11th Annual K-INBRE symposium Jan. 2013 Manhattan, KS

Whitney Steinike and Dr. Kevin Rabas. College of Liberal Arts and Sciences. Department of English, Modern Languages and Journalism. The Fraternity Rapes, a one-act play (Revision, Rehearsal, and Performance)


    Poster presentation at the 11th Annual K-INBRE symposium Jan. 2013 Manhattan, KS

<table>
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<tr>
<th>2012 - 8 Participants</th>
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<tbody>
<tr>
<td>presenting at ESU</td>
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<td>presenting off campus</td>
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<td>award winning presentations</td>
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2011 ESURP Participants

Yeheun Jeong and Dr. Jun Yu. Department of Business and Education. School of Business. “International marketing by U.S. small and medium-sized enterprises.”
Poster presentation at ESU research and Creativity Day April 2012

Lacy Jordan and Dr. Melissa Reed. Department of Early Childhood/Elementary Teacher Education. The Teachers College. “Literacy + Mathematics = Understanding: Using project-based learning to integrate literacy and math.”
Reed, M.d. and Jordan, L. Literacy + Mathematics = Understanding: Using project-based learning to integrate literacy and math. Mathematics teaching in the Middle School (in press).
Presentation at National Association of Professional Development Schools. Las Vegas, NV.
Presentation at the ESU Research and Creativity Day April 2012. Emporia, KS
Presented at the International Reading Association Annual Conference, Chicago, IL.
Presented at the Kansas reading Association Annual Conference Emporia, KS
Presented at Kansas Association of Teachers of Mathematics Annual Conference Topeka, KS.
Expected to Graduate Fall 2012.

Poster presentation at ESU research and Creativity Day April 2012

Poster presentation at ESU research and Creativity Day April 2012

Robby McMinn and Dr. William E. Jensen. Department of Biological Sciences, College of Liberal Arts and Sciences. “Do wooded field borders affect plant biomass and diversity in fragmented tallgrass prairie?”
Presented at the 97th Annual Meeting of the Ecological Society of America, August 2012 Portland, OR.
Presented at ESU Research and Creativity Day April 2012. Emporia, KS
Graduated Spring 2012 and is pursuing a Master’s degree at Wichita State University.

Poster presentation at ESU research and Creativity Day April 2012
Poster presentation at National Toxicology meeting
Jacob Petty and Dr. Marcia Schulmeister. Department of Physical Sciences, College of Liberal Arts and Sciences. “Agricultural contaminants in the near-stream aquifer of the Neosho river near Emporia, KS.”

Poster presentation at ESU research and Creativity Day April 2012
Award winning Poster Presentation Water and the Future of Kansas Conference

Jennifer Schroeder and Dr. Tim Burnett. Department of Biological Sciences. Kansas Idea Network of Biomedical Research Excellence. “The role of commensal bacteria in perinatal gut development”

Award winning poster presentation at the 144th Annual Kansas Academy of Science, April 5
Wichita, KS
Poster presentation at the ESU Research and Creativity Day, April
Award winning abstract and poster NIH, NIGMS 4th Biennial National IDeA Symposium of Biomedical research Excellence, June 26. Washington DC
Jennifer graduated in May 2012 and is pursuing a Master’s degree in Public Health/Epidemiology at the University of Kansas Medical Center.

Robert (Joe) Sliter and Dr. Tim Burnett. Department of Biological Sciences. Kansas Idea Network of Biomedical Research Excellence. “Angiogenic potential of uterine natural killer cells”

Poster presentation at the ESU research and Creativity Day April 2012
Joe graduated May 2012 and matriculated into M.D. program at University of Kansas


Award winning oral presentation at K-INBRE symposium January, 2012
Oral presentation at Kansas Academy of Science, April 2012
Oral presentation at ESU research and Creativity day April 2012
Graduated Spring 2012 and matriculated into M.D. program at KUMC

Yusuke Suita and Dr. Lynnette Sievert. Department of Biological Sciences. Kansas Idea Network of Biomedical Research Excellence. “Chronic versus acute response to temperature of phagocytic reptile leukocytes”

Award winning poster presentation at the 144th Annual Kansas Academy of Science, April 2012
Wichita, KS
Poster presentation at the ESU Research and Creativity Day, April 2012

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Yao Chen and Dr. Tim Burnett. Department of Biological Sciences, College of Liberal Arts and Sciences. “Regulatory T cells and perinatal development of mouse small intestine”
- Award Winning Oral Presentation at the K-INBRE Symposium January 2011
- Poster presentation at 143rd Annual Kansas Academy of Science April 2011 Baldwin, KS
- Poster Presentation at the ESU Research and Creativity Day, April 2011 Emporia, KS
- Yao matriculated into a Ph. D. program in medicinal pharmacology at the University of Kansas

Abby Fisher and Dr. Heather Wade. University Libraries and Archives. “An Exploration of Original Order when Handling Permanently Active Records”
- Poster Presentation at the ESU Research and Creativity Day, April 2011

Kirsten Ford and Dr. Kim Simons: Department of Chemistry, College of Liberal Arts and Sciences. “2D electrophoresis of cell cycle proteins”
- Poster Presentation at the K-INBRE Symposium January 2011
- Poster Presentation at the ESU Research and Creativity Day, April 2011
- Kirstin matriculated into ESU MBA program Fall 2012

- Presentation at organization of teacher Educators in reading at the International reading Association Annual Convention Orlando, FL, 2011
- Presentation at the National Association of professional Development Schools Annual Conference, New Orleans, LA.
- Presentation at the Kansas Reading Association Annual Conference Junction City, KS.
- Presentation at ESU research and Creativity Day April 2011.
- Graduated Spring 2011, Teaching First Grade in Lebo, KS.

Katelyn Kaiser and Dr. Kim Simons. Department of Chemistry, College of Liberal Arts and Sciences. “Recombinant production of phosphatase and kinase proteins”
- Poster Presentation at the K-INBRE Symposium January 2011
- Poster Presentation at the ESU Research and Creativity Day, April 2011
- Katelyn Graduated Spring 2012 and is Hospital Administration Program at KUMC

Carly Kettler and Dr. Tim Burnett. Department of Biological Sciences, College of Liberal Arts and Sciences. “Natural antibodies and tissue injury: identification of specific antibody isotypes involved in tissue damage following hypoxia”
- Poster Presentation at the K-INBRE Symposium, January 2011
- Poster Presentation at the ESU Research and Creativity Day, April 2011
- Carly graduated in Spring 2012 and matriculated to a M.S. program in Biology at Pittsburg State University
Muye Liu and Dr. Charles Pheatt. Dept. of Mathematics, Computer Science and Economics, College of Liberal Arts of Sciences “Genetic Algorithm and Parallel Computing Techniques in NP-Complete Problems”
   Poster presentation at ESU research and Creativity Day .April 2011

David Nasrazadani and Dr. Eric Yang. Department of Biological Sciences, College of Liberal Arts and Sciences. “The Genomic Expression Analysis of Anti-melanoma Effect of Curcumin”
   Award winning poster presentation at K-INBRE symposium January, 2011
   Graduated Spring 2012 and matriculated into M.D. program at KUMC

Jennifer Schroeder and Dr. Tim Burnett. Department of Biological Sciences, College of Liberal Arts and Sciences. “Identification of genes involved in postnatal gut development”
   Poster presentation at 9th Annual K-INBRE Symposium January 2011
   Award Winning Poster presentation at 143rd Annual Kansas Academy of Sciences
   Award Winning Poster presentation at ESU research and Creativity Day .April 2011

Robert Sliter and Dr. Tim Burnett. Department of Biological Sciences, College of Liberal Arts and Sciences. “Capabilities of radiant catalytic ionization technology to reduce microbial contamination”
   Poster Presentation at the 9th Annual K-INBRE Symposium January 2011
   Poster Presentation at the 143rd Annual Kansas Academy of Science March 2011

Richard Stephenson and Dr. Kim Simons. Department of Chemistry, College of Liberal Arts and Sciences. “Nucleolar Structure and Cell Cycle Control”
   Poster Presentation at the 9th Annual K-INBRE Symposium January 2011
   Poster presentation at ESU research and Creativity Day .April 2011

Brenda Zabriskie and Dr. James Aber. Earth Science Department, College of Liberal Arts and Sciences. “Investigation of Dry Lake, Kansas: Geospatial analysis based on ground, aerial and satellite imagery during the past 25 years”
   Poster presentation at ESU Research and Creativity Day, April 2011
   Poster presentation at Kansas Academy of Sciences, April 9, 2011
   Graduated Dec 2011 and was employed by the Natural Resources and Conservation Service (NRCS)

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<th>2010</th>
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