

Poster Registrations
KANSAS STATEWIDE EPSCoR CONFERENCE
October 6, 2009

Heather Barton
Biology
Kansas State University
Does landscape influence viral emergence in the Great Plains?

James Beach
Biodiversity Institute
University of Kansas
Lifemapper: Cyberinfrastructure for Modeling Species Impacts of Climate Change

Claudia Bode
Center for Environmentally Beneficial Catalysis
University of Kansas
NSF-EPSCoR Seed Grant Cultivates New Training Program for Kansas Teachers

Sarah Bowe
Division of Biology
Kansas State University
Patterns of disease spread on a changing landscape: the influence of host ecology and habitat heterogeneity on rabies epidemiology.

Paul Bruss
Kansas State University
Use of water resources and its transportation in the Central Plains

Joshua Campbell
Department of Geography, Kansas Biological Survey
University of Kansas
[*Building a first-generation cyberinfrastructure to support ecological forecasting*](#)

Yenting Kuo
Chemistry
Kansas State University
Green Chemistry: Solar Energy Power by Water Splitting.

Angela Laws
Biology
Kansas State University
Elevated Temperature Decouples Predator-Prey Interactions to Disrupt Grassland Trophic Cascade

Sean Maher
Ecology & Evolutionary Biology and Biodiversity Institute
University of Kansas
The ecological niche and geographic distribution of plague in North America: Shaped by mammal reservoirs or other factors?

Philip Mzava
Civil Engineering
Kansas State University
Groundwater elevation estimation model in the sloping Ogallala Aquifer.

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Brian O'Neill
Ecology and Evolutionary Biology
University of Kansas

[*Ecological responses to hydrogeomorphic fluctuations in a sand bed prairie river: river complexity, habitat availability, and benthic invertebrates*](#)

Dana Peterson
Kansas Biological Survey
University of Kansas

[*Mapping Land Use/Land Cover in the Kansas River Watershed*](#)

Jorge Soberon
Museum of Natural History
University of Kansas
Completeness analysis of the Kansas Plants Database

Aimee Stewart
Biodiversity Institute
University of Kansas
Lifemapper II: Tools for Researchers

Bin Tang
Electrical Engineering and Computer Science
Wichita State University
Design and Implementation of a Web Service for LiteOS-based Wireless Sensor Networks

Lisa Tiemann
Ecology and Evolutionary Biology
University of Kansas
Nitrogen amendments and woody encroachment increase enzymatic activity driving decomposition in a mesic grassland

Bradley Williams
Ecology and Evolutionary Biology
University of Kansas
[*Using a Novel Flood Prediction Model and GIS Automation to Measure the Valley and Channel Morphology of Large River Networks*](#)

Samantha Wisely
Biology
Kansas State University
A call for collaborators: Developing a One Health Initiative across the NSF LTER Network

Judy Wu
Physics and Astronomy
University of Kansas
NSF EPSCoR Solar Energy Research Center