

POSTER REGISTRATIONS
ENERGY, CLIMATE AND THE FUTURE: THE ROLE OF KANSAS
STATEWIDE EPSCOR CONFERENCE
October 4, 2010

Timothy Becker

Grain Science and Industry

Kansas State University

Characterization of Algal Biomass for Biofuel and Co-Products

Jason Bergtold

Agricultural Economics

Kansas State University

Crop Acreage Shifts From Increase Bioenergy Production in Kansas

J. Christopher Brown, Kevin Dobbs

Geography/Environmental Studies

University of Kansas

The impact of biofuel plant location on land-use/land-cover change in Kansas

Ben Champion

Office of the Provost

Kansas State University

Central Great Plains Climate Change Education Partnership

Reuben Dermeyer

Civil, Environmental, and Architectural Engineering

Modeling the Impact of Irrigation on the High Plains Aquifer

Juan Du

Department of Statistics

Kansas State University

Covariance Tapering and Fixed-Domain asymptotic Properties of MLE for Spatial Data Set

Michael Dunaway

Geography

University of Kansas

A New Harvest: Solar-Powered Bio-diesel Refining

Jane W. Gibson, Stacey White, Adam Benfer, Kristin Cowan

Anthropology

University of Kansas

Climate Science, Policy, and Farmer Decision-making

David B. Huber, D. B. Mechem, and N. A. Brunsell

Geography

University of Kansas

Effects of Irrigation on Great Plains and Midwest Precipitation Processes

Myles Ikenberry

Chemical Engineering

Kansas State University

Acid Functionalized Superparamagnetic Nanoparticles for Biofuels

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Abigail Jones

American Indian Studies
Haskell Indian Nations University
Oceanic Manifest Destiny: Climate Change, Forced Relocation, and Indigenous Peoples.

Tyler Kimbrell

HERS program
Haskell Indian Nations University
KU and Haskell Perspectives on the Climate Change Dialogues

***Preethika Kumar**

Electrical Engineering and Computer Science
Wichita State University
Quantum Computing in Linear Nearest Neighbor Architectures

Yen-Ting Kuo

Chemistry
Kansas State University
New Photocatalysts for Water Splitting (Hydrogen Production)

Jun Li, Jianwei Liu, Caitlin Rochford, Jeremy Essner, Yen-Ting Kuo, Kenneth J. Klabunde, Judy Wu

Chemistry
Kansas State University & University of Kansas
Dye-sensitized Solar Cell Architecture Based on Vertically Aligned Carbon Nanofiber Array Coated with TiO₂ Shells

Qi Li, Huabo Lu, and Chunsheng Ma

Mathematics and Statistics
Wichita State University
Temperature variation and affect on crops

Qi Li, Tianshi Lu, and Chunsheng Ma

Department of Mathematics and Statistics
Wichita State University
A pair of stationary models with application to temperature data

Huabo Lu, Qi Li, and Chunsheng Ma

Electrical Engineering and Computer Science
Wichita State University
Minimum of daily low temperature comparison between 1973-1999 and 2000-2009

Huabo Lu, Qi Li, and Chunsheng Ma

Department of Mathematics and Statistics
Wichita State University
Maximum of daily high temperature comparison between 1973-1999 and 2000-2009

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***Tianshu Lu and Patrick Rinker**
Mathematics and Statistics
Wichita State University
Multiphase Magnetohydrodynamics in Tokamaks

Shiva Mohandass
Geography
Kansas State University
Geoprocessing Water Budget Estimates for Kansas Climatic Regions

Vinod Namboodiri
Electrical Engineering and Computer Science
Wichita State University
The Role of Communication Technologies Towards Energy Efficiency

George Paul
Agronomy
Kansas State University
Climate Change Impact Assessment and Mitigation Strategies: Crop Modeling Using Regional Climate Model Data

Ayomi Perera
Chemistry
Kansas State University
*Purification of MspA from *M. smegmatis**

Chuck Rice
Agronomy
Kansas State University
Climate Change: Adaptation and Mitigation

Caitlin Rochford
Physics and Astronomy
University of Kansas
Single nanowire studies of TiO₂-coated carbon nanofibers for dye-sensitized solar cells

Paula Smith
Geography
University of Kansas
Climate Sovereignty, Sami Reindeer Herding, and the Right of Indigenous Peoples'

Bin Tang
EE&CS
Wichita State University
Extreme Value Analysis of Wichita Temperature Data

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Kara Walker

Chemical Engineering
University of Kansas
Ethanol Fermentation from Food Processing Waste

Donghai Wang

Biological and Agricultural Engineering
Kansas State University
Acid Functionalized Nanoparticles for hydrolysis of lignocellulosic biomass

Logan Wille

Physics and Astronomy
University of Kansas
Electrostatic Supercapacitor construction using Atomic Layer Deposition

Iris Wilson

Geography
Kansas State University
Local Ecological Knowledge: Stakeholder Interviews in Kansas

Lindsey Witthaus

Civil, Architectural and Environmental Engineering
University of Kansas
Validation and Calibration of the EUTROMOD Model for Kansas Reservoirs

Guowei Xu

Physics & Astronomy
University of Kansas
3D Nanostructured CdS/CdTe Solar Cell Achieved by Substrate

Lina Zhao

Chemical & Petroleum Engineering
The university of Kansas
Novel solid base catalysts for the production of biofuels from lipids

**2010 First Awardee*