

climate & energy central



doing science in Kansas

We are addressing the question:

“Can we do better?”

John Harrington, Professor of Geography, Kansas State University

Exhibit Concept This traveling exhibition features Kansas scientists who are working together to address the grand challenges of renewable energy and potential climate change. Originally developed for installation at the opening of the Flint Hills Discovery Center in Manhattan, KS, in 2012 the exhibit is now available to tour across Kansas. Featuring large scale graphics, photo murals, and a real section of a center pivot irrigation system, the modular displays create an immersive environment that brings to life scientists and the work they are doing.

Exhibit Content The exhibition begins by listing challenges our planet faces:

- Will there be enough fresh water?
- Will we have enough food to eat?
- Will there be enough energy?
- Can we help develop cost-effective, renewable energy supplies?

As a backdrop to the exhibit a 7' x 20' mural displays 450,000 years of ice core data graphing CO₂ and temperature levels and asking questions about what this might mean and what its effects might be.

Four modules introduce research to address these complex and interconnected issues:

Farmscapes examines how land is used and the complex choices Kansas farmers make.

Climate Science focuses on collecting local data and then looking for broad climate trends, what the trends mean, and their impact on future decisions.

Energy presents research to find better ways to harvest the sun's energy, exploring protein based solar cells and nanotechnology.

Pathways explores how Native American traditions can be used to return us to a balanced relationship with nature.

Exhibit Development Designed and produced by Flint Hills Design in collaboration with the Kauffman Museum. This material is based upon work supported by the National Science Foundation under Award No. EPS-0903806 and matching support from the State of Kansas through the Kansas Board of Regents. The Kansas Experimental Program to Stimulate Competitive Research is a partnership of University of Kansas, Kansas State University, Wichita State University and Haskell Indian Nations University.

For information contact Chuck Regier, Curator of Exhibits at Kauffman Museum, crregier@bethelks.edu



Kauffman Museum, Bethel College, 300 East 27th Street, North Newton, KS 67117
kauffman.bethelks.edu 316.283.1612





Climate & Energy Central: doing science in Kansas

Flint Hills Discovery Center installation, April 3, 2012
a Flint Hills Design/Kauffman Museum collaboration

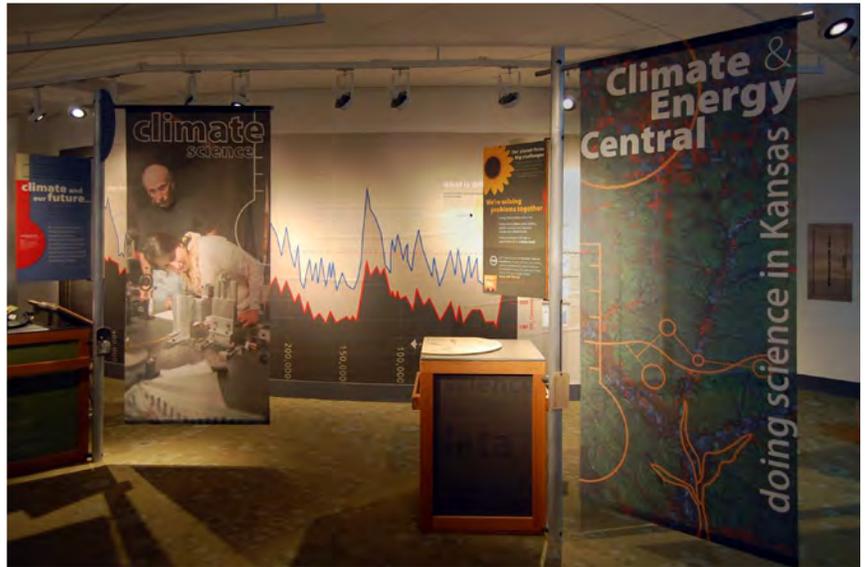


Exhibit Fee \$4000, for a 6-8 week booking, additional weeks \$750. Shipping included. Kauffman Museum to be responsible for shipping arrangements.

Space Requirements 1000 sq/ft

Installation Assistance One staff person arrives with the exhibit to assist host venue with installation.

Environment and Security Host venue to assure a museum quality exhibit environment, with stable temperature and humidity, appropriate light levels and adequate security.

Crates and Storage Designed around a modular system, the shipping crates serve as the exhibit units so there are a limited number of crates that require storage.

