

Collaborative Programs in Sustainability Education



Moderator

Sue Maes, Kansas State University

Panelists

Keith Meyers, Kansas Department of Commerce

Chris Crawford, Fort Hays State University

Stacey Swearingen White, University of Kansas

Stacy Hutchinson, Kansas State University

Dana Reinert, Kansas State University



KANSASWORKS

 **KANSASWORKS.com**

Available Training Support

- Registered Apprenticeship (RA) **WORKS! Grant**
- Registered Apprenticeship (RA) **Scholarships**
- Veterans Workforce Investment Program (VWIP) **Grant**
- State Energy Sector Partnership & Training (SESPT) **Grant**

Registered Apprenticeship WORKS!

- Dislocated Worker Grant from the USDOL
- Focused exclusively on dislocated workers hired into the Energy and Advanced Manufacturing industries
- Supports training resulting in credential attainment (e.g. Manufacturing Skills Certificate, Process Flow Certificate, etc.)
- Supports related technical instruction (RTI) for Registered Apprentices
- Contact Loretta Shelley at (785) 296-4299 and go to www.kansasapprenticeship.org
- Grant period ends in August 2011

Registered Apprenticeship Scholarships

- Funded by Recovery Act dollars through June 30, 2011
- Supports related technical instruction (RTI) for Workforce Investment Act eligible adults on Registered Apprenticeships - \$1250/year
- Eligible industries include: Advanced Manufacturing/Aviation; Bio-Science/Animal Health; Energy; Professional Services; Construction; and Rural Business Succession
- Contact Loretta Shelley at (785) 296-4299 and go to www.kansasapprenticeship.org

Veterans Workforce Investment Program (VWIP) Grant

- Also known as the G.I. (Green Industry) Jobs Kansas Grant - \$491,000
- Provides for certification, credentialing, employment & training services, and supportive services for all military veterans hired into green jobs industries
- Funding available until June 30, 2011; however, a second and third year of funding are available if we are successful in the first year
- Contact Mike Randol at 316-771-6811

State Energy Sector Partnership & Training (SESPT) Grant

- \$6M Award from the USDOL
- Created a Governor appointed partnership of industry and government representatives
- Covers 5 sectors including:
 - * Renewable Energy Operation & Construction
 - * Renewable Energy Mfg. & Supply Chain
 - * Energy Transmission (Electric & Natural Gas)
 - * Biomass
 - * Green Construction/Mfg. Processes

State Energy Sector Partnership & Training (SESPT) Grant

- Funded by Recovery Act dollars through January 2013
- Supports a wide range of training including: credentialing, boot camps, related technical instruction (RTI) for Registered Apprenticeships, internships, etc.
- Focuses on eligible emergent workers, but incumbent worker training is possible when greened up skills result in a pay increase or modified duties
- Projects are employer or joint apprenticeship program driven
- The project application can be accessed at:
www.kansascommerce.com/SESPT
- Project teams are led by the Executive Directors for the five Local Workforce Investment Boards

State Energy Sector Partnership & Training (SESPT) Grant

- Based upon the application submitted and the additional information they secure, project teams make recommendations to the Department of Commerce to either fund or not fund projects
- Project participants are enrolled through the local **KANSASWORKS** Workforce Center before hire (if emergent workers) or before training (if incumbent workers)
- Funding is also available to provide supportive services to eligible individuals for expenses such as child care and transportation

State Energy Sector Partnership & Training (SESPT) Grant

- Will expand the capacity of the Energy Efficiency program at Neosho County Community College (NCCC) in Chanute
- Right Training, Right Now dollars will support NCCC in providing “Your Role in the Green Environment” training in numerous locations across the state for a nominal fee
- Right Training, Right Now dollars are supporting the acquisition of equipment to support the Wichita Electrical Joint Apprenticeship Training Committee in providing hands on training and installation of renewable energy sources to Registered Apprentices and Journey Level Electricians
- Right Training, Right Now dollars are also supporting the training of adjunct faculty at Garden City Community College to provide geothermal training

State Energy Sector Partnership & Training (SESPT) Grant

- 34 approved projects to date across the 5 sectors
- Energy Efficiency projects under Green Construction include:
 - WEJATC – new apprentices to receive training in the installation of renewable energy sources
 - Crossland Construction – training in green construction trades
 - Tatro and JF Denney Plumbing – geothermal installation training
 - Hadley Redevelopment – solar voltaic training

State Energy Sector Partnership & Training (SESPT) Grant

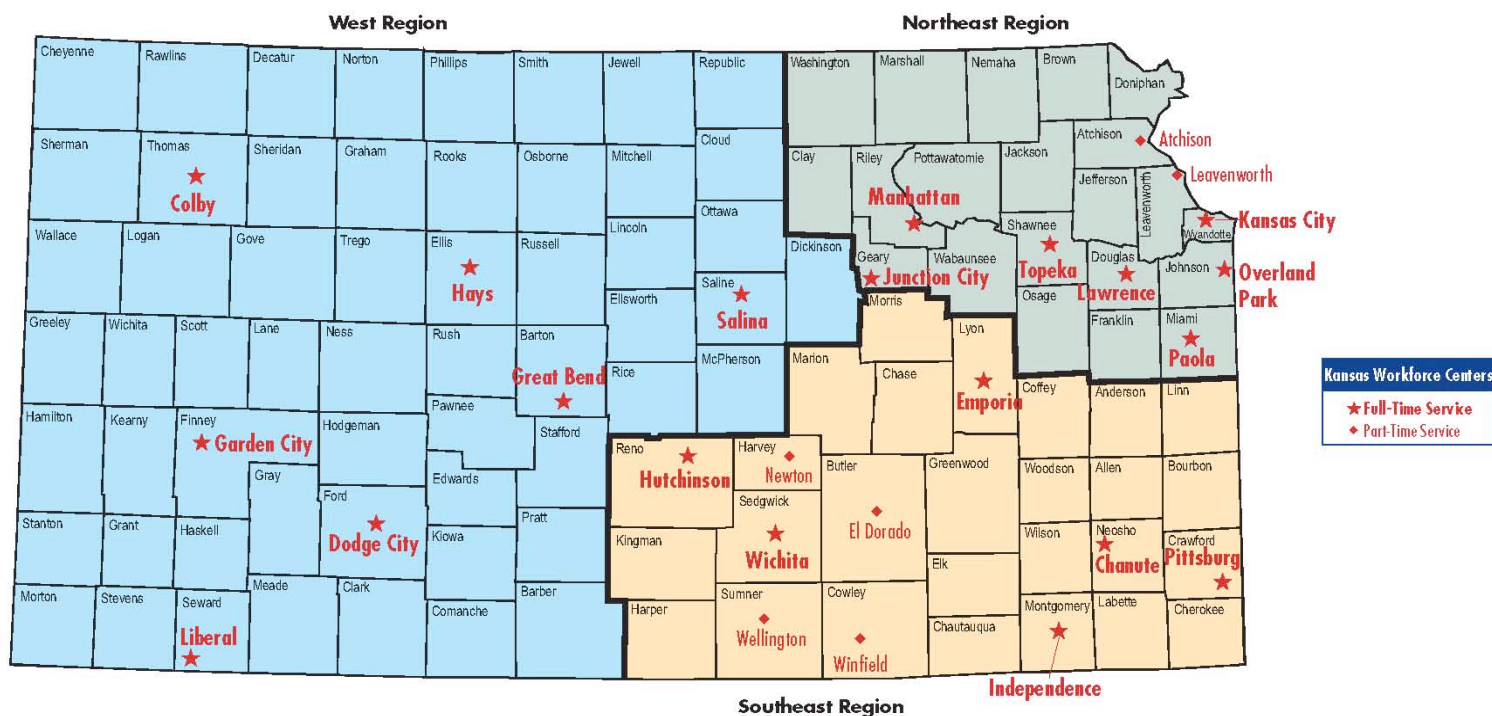
- Contacts
 - Business Executive & Industry Liaisons
 - * Susan Nickerson – Local Area I (Western Kansas) – (785) 625-5654
 - * Bill Thompson – Local Areas II and III (Northeast Kansas and KC Metro) – (913) 577-5936
 - * Sherry Gegen – Local Areas IV and V (South Central and Southeast Kansas) – (316) 771-6803

KANSASWORKS

"Your Workforce Network"

KANSASWORKS.com

(877) 509-6757



Business Executive and Industry Liaison		
West Region	Northeast Region	Southeast Region
Susan Nickerson 332 E. 8th St. Hays, KS 67601-4145 Phone: (785) 625-5654 Cell: (785) 249-1207 snickerson@kansascommerce.com Industry Liaison: Energy and Agriculture	Bill Thompson 9221 Quivira Road Overland Park, KS 66215-3905 Phone: (913) 577-5936 Cell: (785) 213-5792 bthompson@kansascommerce.com Industry Liaison: Bioscience and Professional Services	Sherry Gegen 150 N. Main, Suite 100 Wichita, KS 67202-1321 Phone: (316) 771-6803 Cell: (316) 737-0547 sgegen@kansascommerce.com Industry Liaison: Aviation and Manufacturing

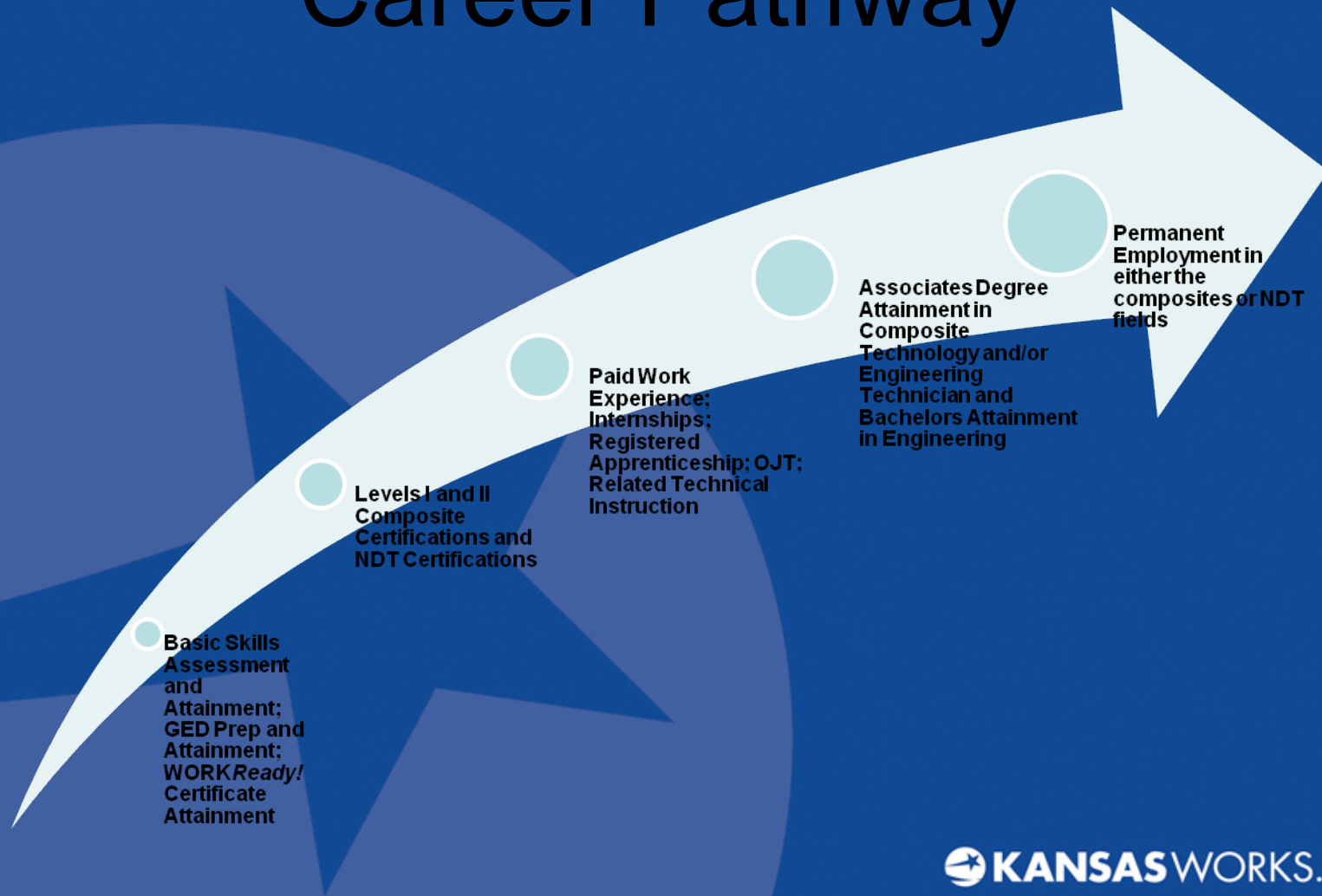
State Energy Sector Partnership & Training (SESPT) Grant

- Contacts:

Joey Frederickson, Special Projects Coordinator
Kansas Department of Commerce
(785) 296-2283

D. Keith Meyers, Director of Training Services
Kansas Department of Commerce
(785) 296-5115

Aviation Composites and NDT Career Pathway



Recent KU Sustainability Efforts

- Faculty working group on sustainability in the curriculum
- Campus sustainability plan
- Strategic planning process/strategic initiatives

An aerial photograph of a suburban neighborhood. The houses are arranged in a grid-like pattern with winding streets. In the center of the neighborhood, there is a large, dark green, irregularly shaped area that appears to be a park or a wooded area. The sky is bright and hazy, suggesting a sunny day. The overall tone of the image is somewhat muted, with a soft focus.

Functional Landscaping: Sustainable Stormwater Management

Stacy Lewis Hutchinson

Biological & Agricultural Engineering
Kansas State University
Manhattan, Kansas 66506

Voice: 785-532-2943 Fax: 785-532-5825
sllhutch@ksu.edu

Bioretention/Inline-Retention Jackson Street Topeka, KS



www.greentopeka.org



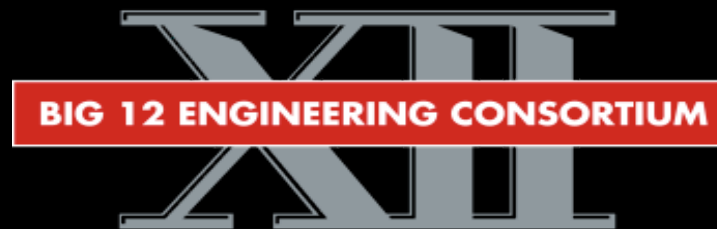
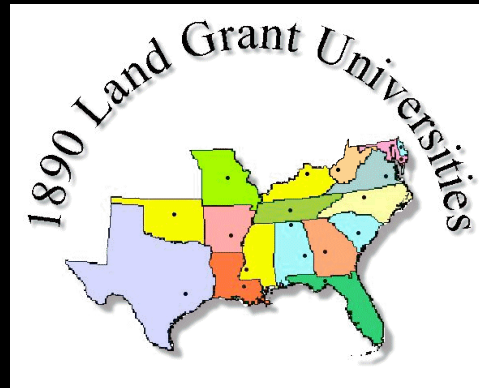
06/30/2005 09:59

What do we know so far...

- Natural Systems data are messy - Trends indicate “eco-based” systems are reducing downstream flow and improving water quality, but...
- Natural System inputs are unreliable - Floods and droughts are all too common these days...
- City Managers and maintenance people can be difficult to work with... mowing, irrigation, fertilization
- WE NEED MORE ENGINEERS AND TECHNICIANS THAT UNDERSTAND and APPRECIATE ECO-BASED
 - We need to integrate different expertise and disciplines to solve traditional problems with more sustainable solutions.
- WE NEED MORE CITIZENS THAT UNDERSTAND and APPRECIATE NATURAL BEAUTY...
 - Managed, manicured landscapes are not sustainable and killing our environment.

Institute for Academic Alliances

Facilitating the advancement of inter-institutional academic programs



Kansas State University Institute for Academic Alliances



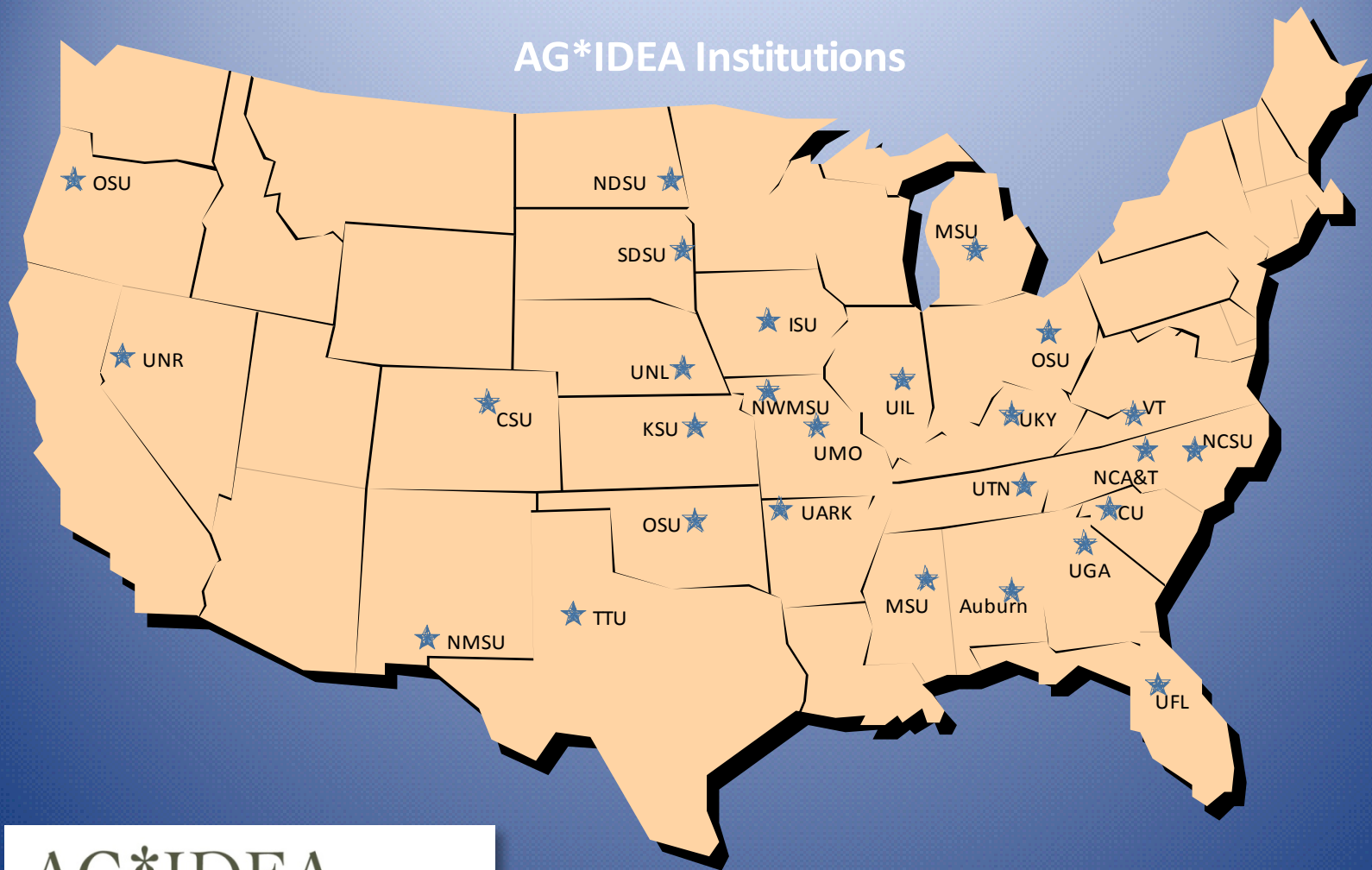
Developing Shared Curriculum to Rapidly Address Demand



Great Plains IDEA Human Sciences



AG*IDEA Agriculture



AG*IDEA
An Affiliate of the Great Plains IDEA 

Big 12 Engineering Consortium

