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KANSAS BOARD OF REGENTS CAREER & TECHNICAL EDUCATION

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16 Colleges Participate in NTO Kansas: A New Look



Lynn Reha, Director of the Illinois Center for Specialized Professional Support, addressed gender nontraditional careers with NTO participants.

NOTE:
The NTO
Kansas Grant
Application due
date has been
changed to
December 5, 2008.

Gender Equity Resources

(<http://genderequitycollaborative.org>)

[Assessing Women and Men in Engineering](http://www.engr.psu.edu/AWE/misc/about.aspx) (www.engr.psu.edu/AWE/misc/about.aspx) is a combined effort with Society of Women Engineers. SWE-AWE offers exportable assessment instruments, literature resources and capacity building tools for Women in Engineering and similar programs including surveys, data collection templates, capacity building tools and national benchmarking.

[National Girls Collaborative Project](http://www.pugetsoundcenter.org/ngcp) (www.pugetsoundcenter.org/ngcp) connects projects which promote the recruitment of young women into STEM careers through resources and a program directory. Any program that recruits young women into STEM careers can list themselves in the program directory.

[Women's Department of the US Department of Labor](http://www.dol.gov/wb) (<http://www.dol.gov/wb>) provides labor statistics focused on women. One page on the website lists nontraditional occupations for women in 2007 and has other general comments about a rationale for encouraging women into nontraditional occupations. Another page gives the 10 most prevalent occupations for women for 2007 and other male/female comparisons.

Another document that you may find interesting is the [AAUW's Beyond the Pay Gap](http://www.aauw.org/research/behindPayGap.cfm), (<http://www.aauw.org/research/behindPayGap.cfm>) which does some analysis of pay inequalities. A project-based website on mentoring might be of interest (<http://www.morainevalley.edu/cad/nsmentors.htm>)

Department of Commerce Update -- RA WORKS! - Registered Apprenticeship

The RA WORKS! grant project offers an outstanding opportunity for postsecondary institutions to partner with employers. The Department of Commerce recently received over \$800,000 from the US Department of Labor to provide short course and apprenticeship training for dislocated workers through our community and technical colleges. Seven community colleges and technical colleges were recently trained to deliver the Manufacturing Skills Certification (MSC) as part of RA WORKS!, bringing the total to 13 postsecondary institutions offering MSC.

RA WORKS! also funded high definition videoconferencing equipment at Hutchinson, Independence, and Kansas City Kansas community colleges to assist in the remote delivery of instruction to dislocated workers. Barton County Community College recently partnered with an area employer and will receive RA WORKS! funding to provide Registered Apprenticeship related technical instruction to dislocated workers.

For more information, contact Kathy Hund, khund@kansascommerce.com or call 785-296-0205.

Reminder: Equipment Purchase Deadline December 1, 2008

December 1 is the deadline for institutions with approved technical education programs to order new equipment using their FY 2009 Carl D. Perkins Program Improvement Grant funds. All new equipment, whether it is funded with the additional Perkins Supplemental Grant funds or through a grant revision process, needs to be ordered by Dec. 1. The equipment does not need to be physically present on your campus by this time, but it needs to have been ordered and funds encumbered. Any equipment revision decisions still being contemplated by program faculty should be completed without delay.

If you have any questions, please contact the respective Associate Director who serves your area.

Program Alignment Update

Much activity will occur in program alignment through the months of December and January. Programs currently in the alignment process include:

- **Construction (building trades)** alignment is nearly complete. State faculty committees are meeting about curriculum design. Instructors have NCCER (National Center for Construction Education and Research) training available.
- **Electrical and Welding** programs are working with second steps of the Business & Industry meetings.
- **Automotive Collision Repair, Automotive Technology, and HVAC** programs are moving to phase II in the process.
- **Physical Therapy Assistant, Certified Medical Assistant, Surgical Technician, Aviation Technology, and Mortuary Science** programs will begin alignment discussions in December.

All program alignment projects are making progress. The automotive groups are working with Kim Vosicky and the Worldwide Instructional Design System (WIDS), the curriculum design system that houses the database Kansas has implemented.

The construction group should finish soon. Many construction instructors took advantage of NCCER certification training provided by Crossland Construction in November at Neosho County Community College.

Contact kbishop@ksbor.org for more information on program alignment.

Conference: February 23-25, 2008

KS Workforce Development and Career Clusters Institute

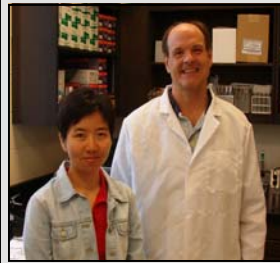
Mark your calendar for February 23-25, 2009 and plan to attend the *Kansas Workforce Development and Career Clusters Institute* at the Wichita Airport Hilton. The Kansas Council on Workforce Education pre-conference will take place at the same location. Everyone is urged to register.

Pre-conference sessions are planned for two areas of interest to postsecondary educators. One will focus on student success with sessions on "Keeping Students Motivated," "Assessing Student Learning," and "Teaching/Learning Styles." The other will have Career Technical Education as its focus with sessions on "Measuring CTE Outcomes," "Integrating General Education and CTE," "Developing a Dynamic Advisory Board," and "Program Alignment."

The cost for the *Kansas Workforce Development and Career Clusters Institute* will be \$150.00, and the pre-conference fee will be \$50.00. The pre-conference will include a continental breakfast, lunch, and a social. The Kansas Career Cluster Institute will conclude by noon on Wednesday, February 25, 2008.

Questions can be addressed to Carolyn Olson at colson@ksbor.org or 785.296.3958.

Technology Internship Awarded by Board of Regents



Dr. Alan Brown, Biotechnology Instructor, Butler Community College, interned for one month at Wichita State University, Department of Biology, under the direction of Dr. Bin Shuai, Asst. Prof. and Head of Molecular Biology Lab, Wichita, KS.

Dr. Brown's internship objective was to learn molecular biotechnology procedures applicable to teaching a Biotechnology lab

class at Butler Community College. Dr. Brown's internship experiences were valuable in fulfilling Butler Community College's goal of developing a new course training in the technical aspects of biotechnology. Careers in biopharmaceuticals, production of high-value plant/animal biologic products derived from the Kansas agricultural sources, and jobs are related to the production of biofuels including grain and cellulosic derived ethanol and biodiesel.

Kansas Board of Regents Awards Innovative Technology Grants

The Kansas Board of Regents (KBOR) awarded two grants totaling \$144,789 to Barton County Community College and Wichita Area Technical College to support innovative technology initiatives.

Barton County Community College, Great Bend, was awarded \$37,500 to support new technology in hybrid automotive training. Partners in this grant project include: A.A. Yost, Great Bend, KS, and Lois Ryan, Mission, TX. Grant funds will be used to purchase a chassis dynamometer. The dynamometer measures mechanical force; it provides real world simulation to load a vehicle exactly the way it would be loaded on the street -- including wind resistance. It will allow automotive students in the hybrid course to test-drive hybrid automobiles and experience their unique operating modes without leaving the shop.

Wichita Area Technical College was awarded \$107,289 to develop curriculum and purchase state-of-the-art equipment for a new Fiber Optics program requested by the aviation industry. The Fiber Optics program will prepare students for employment as fiber optic technicians.

Fiber optic technicians work in the areas of: fiber optics installation and service; safe and competent installation of fiber optic cabling; fiber optics design and configuration, and splicing, routing, installing, and maintaining fiber optic systems.

Partners for the program are Boeing, Cessna, and Bombardier Aerospace, Inc., Wichita, KS.

Update--Perkins Review, Compliance and Technical Assistance Project

The Kansas Board of Regents/Career Technical Education staff is assisting institutions with Perkins Review, which is the compliance and technical assistance process to identify local and regional strengths, promising practices, and areas for program improvement. This process is intended to facilitate communication and information exchange while:

- Improving program quality
- Improving program linkages with state and national standards
- Increasing support for state initiatives
- Expanding student opportunities to achieve national certification and credentials for Career Technical Education

Kansas Region	Perkins Review, Compliance and Technical Assistance Projects	Current Status
Southeast	Perkins Review of Approved Programs	Surveys due December 1, 2008
Northeast	Perkins Data Evaluation	Desk Audit to be completed in January, 2009
Western	Civil Rights Review	Desk Audit to be completed in January, 2009
Central	Perkins Financial Program Review	Financial records currently under review