

A NEWSLETTER
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STEM Equity Pipeline Project Wisconsin Updates



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Upcoming Events & Projects

STEM Equity Pipeline State Team Update:

The Wisconsin STEM Equity Pipeline State Team met in Madison, WI on May 18th with attendance at about 35. We summarized the projects undertaken to date and began discussing next steps for members of the Team. We extend our thanks to Howard Glasser who has facilitated our group during the past two years and to Mimi Lufkin, STEM Pipeline Project Director, for selecting Wisconsin as an early participant in the project. While we will still have access to the Virtual Resource Center for the next several years, and will be invited to participate in professional development activities primarily in the form of webi-

nars, it is now up to us to provide linkages to resources to improve the participation and persistence in STEM and STEM related programs by women/girls and other underrepresented groups.

EXTENSION AGENT REPORTING
We, as members of the STEM Pipeline Team are being reminded to briefly document activities we undertake to contribute to the evaluation of the impact of this NSF Project. Go to the website: <http://www.stemequity.org> Click State Teams, and scroll to the bottom of the page. Click on Extension Agent Report.



Wisconsin's State Team:

Wisconsin identified a diverse group of members for its State Team - secondary and postsecondary leaders, instructors and experts with a passion for math, science, technology, engineering, and career and technical education, providers of direct student services including nontraditional occupation coordinators, Tech Prep specialists, counselors, and Cooperative Educational Services Association (CESA) Coordinators. Those representing the engineering field, the workforce, career development and research were also among our membership.

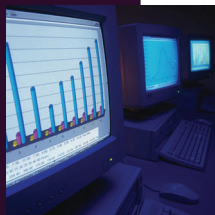
We are organized into work groups aligned with the economic development regions of our state.

The Virtual Resource Center includes the documents created by and that are being completed by our Team. Additional documentation can be found on the STEM Equity Pipeline Website. Click on State Teams, Click Wisconsin.

<http://www.stemequity.org>

*"1 in 5 Jobs in
Wisconsin are
STEM."*

*Wisconsin DWD
Labor Statistics,
9/08*



Wisconsin STEM Equity Fact Sheet:

One of the Professional Development requests made by the members of the State Team was the creation of a Wisconsin STEM Equity Fact Sheet. Mimi Lufkin shared a prototypes of the Fact Sheet at a meeting of the State Team in May, 2009. This Fact Sheet and a supporting PowerPoint will be soon ready for use by us to assist us in the Extension Agent work we do in providing professional development and/or contributing to the discussion of STEM around the state.

Although our Workforce Development and Labor Market Analysts use a slightly different definition of STEM occupations than those used by the Project, they identified STEM related employment opportunities in the state. The labor market data is being incorporated into the Wisconsin Fact Sheet.

The PowerPoint that outlined the STEM Labor Market in Wisconsin can be found at the following location:

[http://
www.stemequitypipeline.org/
StateTeams/WI.aspx](http://www.stemequitypipeline.org/StateTeams/WI.aspx)

Pilot Project Underway:



The Lakeshore Technical College District and secondary partners, Plymouth High School, the Manitowoc School District, as well as Sheboygan North and South High Schools are engaged in a Pilot initiated as a result of the Pipeline Project.

Participants are taking a regional approach to looking at data related to participation of students (with a focus on girls) in Project Lead the Way, the International Baccalaureate program, math and science and technologies. Lakeshore Technical College is also delving into data to identify trends and potential barriers to girls in non-traditional programs and all students in STEM-related programs.

A group of approximately 40 representatives from the partner schools and districts met on April 23rd. They are beginning to develop some local plans and have begun to prioritize barriers as they currently understand them. They will be meeting locally during the summer. Another meeting of the full group is anticipated for Fall '09.

**All STEM
Equity Pipeline
Webinars are
archived for
viewing at
your
convenience.**

**Wisconsin STEM Portal,
Wisconsin's one-stop for all things, STEM.
<http://www.wistem.org>**

Professional Development Opportunity

Girl Tech: Mentoring Girls in STEM (FREE Webinar)

(Jessica Bullock, Girl Tech Site Coordinator, Francis Tuttle Technology Center, Oklahoma City, OK)

June 18, 2009, 1:00 PM Central Standard Time

The 2009 winner of the Programs and Practices That Work Award, the Girl Tech Program at Francis Tuttle Technology Center, Oklahoma City, OK has been successful in increasing the participation and completion of girls in their pre-engineering academy. Girl Tech includes both online and in-person activities and adds the essential ingredient of relationships by providing female students with professionals in STEM careers as mentors and role models who give them assurance that they can succeed. (please register for this webinar prior to the event—once you register, you will receive a confirmation e-mail with a link to the webinar.)



Save the Date!

Wisconsin STEM Equity Pipeline Team, The Beginning of Our Work as STEM Equity Extension Agents

October 20, 2009

Milwaukee, WI

<http://www.esmke.com>

A face-to-face meeting for the Wisconsin STEM Equity Pipeline Team is being planned for October 20th in Milwaukee. The meeting will be held one day prior to and in coordination with the SYSTEM NOW! Conference. Information on the Conference can be found on the Engineers and Scientists of Milwaukee Website. <http://www.esmke.com/> **The meeting will mark the beginning of our work as Extension Agents for STEM and Gender Equity.**

We will share our knowledge of resources and resource people, will identify additional future partners and will review the tools that have been created as a result of our participation in the Project. Participation in the STEM Equity Pipeline project has brought together a diverse group of partners in Wisconsin and has seeded new discussions about STEM into the work of career counselors, gender equity coordinators, instructors, career and technical education leaders, workforce partners and others. Career and Technical Education may be an instructional methodology that supports the learning of mathematics, science concepts, engineering principles and the application of technology as well as a means to employment in STEM related fields and an educational passageway to even higher levels of knowledge and advanced degrees in STEM fields.

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