

MN STEM Equity Pipeline & MN New Look Newsletter

November 2010



MN New Look/STEM Equity Pipeline

Over 50 people participated in the MN New Look/STEM Equity Pipeline Showcase Event at St. Paul College on May 27, 2010. Co-located with the Academic and Student Affairs Conference, participants had varying degrees of experience with MN New Look/MN STEM Equity Pipeline and took part a range of activities during the day. MN New Look/MN STEM Equity Pipeline Project consortia (pilot sites) created table top displays of their project accomplishments. For visitors from the Academic and Student Affairs Conference, project participants and leaders offered an overview of the MN New Look/MN STEM Equity Pipeline Project and answered questions about the displays.

The Showcase Event was launched with training by Eva Scates Winston and Brenda Lyseng on Generating Expectation for Student Achievement (GESA). Eva and Brenda presented concepts which demonstrated enhanced equity in the classroom; during interactive portions of the session, participants generated ideas of how to apply the concepts in their schools.

Project participants received additional training on the Five Step Program Improvement Process, which has guided the year-long process. Project outcomes included serving over 2000 individuals with additional information about STEM and non-traditional careers and over 200 learners with a more intense workshop experience with STEM Role models/mentors. Leaders and participants rotated through the site displays, listened to short presentations, asked questions, and made observations.

The activities of the FY11 MN New Look/MN STEM Equity Pipeline Pilot sites ranged from Exploring Engineering Event (Mid-Minnesota Consortia), Real World Design Challenge (Hutchinson High School), Robotics Teams (St. Paul Consortia), Non-traditional Career Brochure Development (Minnesota West), Summer Career Exploration Program (Rochester Consortia with Mayo Clinic), High Tech Girls Event (Minneapolis CTC). Summaries of the pilot site projects are available at [Minnesota section of the STEM Equity Pipeline website under New, Events, Success Stories](#) (link to [MN STEM Equity Pipeline Google Groups site](#)).

One comment that was repeated often in the evaluations and observations was that the increased networking at the local regional, State and National level had created quite an impact.

Inside This Issue

- 1 MN New Look/STEM Equity Pipeline Showcase Event
 - 2 Do you Google?
 - 3 Passing the Torch
 - 4 Resource Spot
 - 5 Mark Your Calendar Information
-

Do you Google?

The rich resource bank which has been provided to the support the success of MN New Look and MN STEM Equity Pipeline sites has multiple entry points. The design of this Minnesota equity project is to keep that resource bank ever-evolving and updating. This is where you, a site team member, can be involved. The following paragraphs indicate where the resources are, how you can access them, and how you can add to them.

STEM Equity Pipeline through the National Alliance for Partnerships in Equity Site All the resources that you might need for a successful project are available through the portal on the STEM Equity Pipeline site. Enter the [Minnesota page](#), pausing to gaze at the attractive MN State Team's picture, of course, and then scroll down to numerous documents and links to archived webinars, etc. Under News, Events, Success Stories, you will find a link to the [MN STEM Equity Pipeline Google Group](#).

Google Group [STEM Equity Pipeline Minnesota](#) provides a discussion board, an easy way to upload documents which you want to share, a document repository, and a calendar. Not only do Site Team Members have "permission" to input information into any of these pages, they are actively encouraged to do so. One of the pages provides a summary of the pilot site projects.

Additional Resources The [MN New Look site](#) contains the additional resources and archived documents from FY10 training and other events. A link under MN STEM Equity Pipeline & MN New Look Project Newsletters on the [Minnesota STEM Equity Pipeline page](#) also links to this site. This site also is the home site for the [MN New Look/MN STEM Equity Pipeline View](#), a quarterly newsletter.



Passing the Torch

Thanks Many thanks to Brenda Lyseng for her leadership of the Minnesota STEM Equity Pipeline. She provided vision and excellent communication to assist in getting MN STEM Equity Pipeline started. She showed her dedication to the continuation of the project by creating the STEM Equity Pipeline Minnesota Google Group, an interactive communications hub for the site team members.

Transition We wish Brenda the best as a additional group of people are privileged to experience her leadership skills. She will be serving as Dean of Extended Learning at Century College. Eva Scates Winston and Al Hauge will continue as State leaders of the MN New Look/MN STEM Equity Pipeline Project. Brenda will remain on the STEM Equity Pipeline State Leadership Team, and we welcome her seasoned and visionary input.

Mark Your Calendars

November 10/ 1-2pm

Equity Showcase Breakout
Session Career and
Technical Education 2nd
Annual Best Practices
Conference

December 7/ 11am-noon

The Equity Mentoring
Experience: Part I
Webinar

January 4/ 9:30-10:30am

The Equity Mentoring
Experience: Part II
Webinar

February 1/9:30-10:30am

The Equity Mentoring
Experience: Part III Webinar

April 11-15, 2011

National STEM Equity Project
meeting/NAPE Insitutute

May 25-26, 2011

Equity Showcase at
CAO/CSAO/Deans Spring
Leadership Conference

Resource Spot: Products, Effective Practices, New Research

Engaging Girls in STEM

The results are in, and girls in the United States aren't any more interested in STEM (science, technology, math and engineering) careers than they were 10 or 20 years ago. There may not be one all-encompassing solution to STEM gender equity, but there are some tools that can help get girls interested in STEM and keep them engaged with it through their secondary and post-secondary education--ranging from investments in professional development to simple, everyday encouragement.

<http://thejournal.com/articles/2010/09/08/engaging-girls-in-stem.aspx>

Putting the "Boy Crisis" in Context

Finding solutions to boys' reading problems may require looking beyond gender

Michael Sadowski

"The Boys Have Fallen Behind." "Girls Lead the Nation in Reading Scores." "Are Teachers Failing Our Sons?" Earlier this year, newspapers across the country ran these and other headlines in response to a March report by the independent Center on Education Policy (CEP) in Washington, D.C. The report, which outlined results on state accountability tests, raised alarm by noting that the percentage of boys scoring "proficient" or higher in reading was below that of girls at *all* grade levels tested and in every state for which sufficient data were available. Read the full article at

<http://www.hepg.org/hel/article/473>

Gender Equality Universally Embraced, But Inequalities Acknowledged

Pew Research Center

Fifteen years after the United Nations Fourth World Conference on Women's Beijing Platform for Action proclaimed that "shared power and responsibility should be established between women and men at home, in the workplace and in the wider national and international communities," people around the globe embrace the document's key principles. To read the full article

<http://pewglobal.org/2010/07/01/gender-equality/>