



Math/Science REPORT

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- **Goal 1: Increasing student interest, participation, and achievement in math & science**
- **Goal 2: Raising public support and awareness of the importance of science and math**
- **Goal 3: Establishing effective collaborations with internal and external partners**



- **Goal 1: Increasing student interest, participation, and achievement in math & science**

SUMMER INSTITUTE FUNDING

Funding requests for summer institutes were reviewed and 20 projects were selected to receive a total of \$2,485,900. Contracts have been drafted and entered into the PED internal review process. A list of funded projects will be available on the MSB website shortly.

STANDARDS-BASED ASSESSMENT

Proposals for the next contract for the SBA are under review; a new contract should be signed this summer. Also, the science portion of the SBA did not pass the federally required “peer review” process; a response to the findings is due at the end of May. The findings likely will result in significant re-design of the science SBA. Data Review of items field-tested in spring 2008 will be held July 27-31.

REVISION OF ENTRY LEVEL COMPETENCIES FOR TEACHERS

The MSB has begun conversations with the Office of Educational Accountability and the PED Licensure Bureau to collaborate on a process to revise the competencies for entry level math teachers. The goal is to begin the process in August and to connect it to discussions being initiated IHE faculty on the design of undergraduate math courses for future teachers.

HIGH SCHOOL LAB SCIENCE WEBINAR

As a follow-up to the HS Lab Science Institute begun in October, Mary Jo Daniel hosted 2 webinars, using IDEAL NM’s system, for teachers to continue discussions about what makes “good” high school lab instruction. Shannon CdeBaca led the session in October as well as the webinars; plans are to continue the work this summer and next year as resources allow. WestEd, Sandia National Laboratories and the NM Science Teachers Association provided support for this project. The webinars were a great opportunity to learn how to use the webinar system; MSAC might want to take advantage of this technology as well.



- **Goal 2: Raising public support and awareness of the importance of science and math**

MSB WEBSITE

“Thank you” to MSAC alternates Irene Lee and Jonathan Wolfe for providing suggestions about re-designing the MSB website and kudos to the PED web master, Pam Pierce, for making it happen. There is now a tab for MSAC under which are listed minutes, members, and NM Project 2012. The site also has an area for Teacher and/or Program spotlights on the main page. MSAC is invited to provide suggestions for additional improvements.



● Goal 3: Establishing effective collaborations with internal and external partners

MSB COLLABORATING WITH PSB

Claudia Ahlstrom has been working with the Priority Schools Bureau to plan a summit focused on improving instruction for English Language Learners. The *ELL Summit: Race to the Top - Closing the Achievement Gap for ELL in NM* will be held June 1-2 in Albuquerque; Mary Jo Daniel will attend.

NM PARTNERSHIP FOR MATH AND SCIENCE EDUCATION

The NM Partnership for Math and Science Education (NMPMSE) tried a new structure for meeting—an asynchronous on-line meeting. It was an innovative and time-efficient way to share information with essentially no cost to the members. Once the results of the survey and meeting notes are available for review, the MSAC might want to consider using a similar format for some meetings.

INNOVATE EDUCATE CONFERENCE

Mary Jo Daniel and Pascal Buser (as well as several MSAC members) attended the Innovate Educate conference. IENM seeks to build partnerships to promote 21st century learning in New Mexico.

APPLICATIONS TO MSAC DUE MAY 29, 2009

Applications are now being accepted to fill MSAC positions for members whose terms are expiring as of June 30, 2009. Information and application materials are available on the MSB website (under the MSAC tab). Current alternates are reminded that they must either submit a new application or ask to have their previous application reactivated if they wish to continue on the Council. Alternates will be selected from the applications NOT selected by Secretary García as full members; alternates are appointed for one year.