

Math and Science Advisory Council Meeting Notes
Wednesday, January 18, 2017
1:00pm to 4:00pm
PED Building, 300 Don Gaspar

Attending: (* present)

Mr. Karl Agar II *
Mr. Keith Bausman
Ms. Felicita Bayangos
Ms. Selena Connealy *
Mr. Nathaniel Evans *
Mr. Joe Hastings *
Ms. Suzanne Johnson *
Dr. Zachary Leonard *
Ms. Kim Scheerer *
Dr. Hy Tran
Dr. Nader Vadiee
Ms. Gwen Warniment *

Guests: Yanira Vazquez (PED), Marcia Barton (PED), Claudia Ahlstrom (PED)

1. Call to order: 1:22 pm
2. Approval of Agenda: Suzanne moves, Kim seconds, motion passes.
3. Approval of Minutes: Joe Moves, Karl seconds, motion passes with amendment. Fix Yanira's Last name to Vazquez
4. Meeting Goals
 - 2015-2016 MSAC Report letter and recipients
 - Review recommendations (Report, ESSA feedback)
 - Determine strategic priorities
 - MSAC leadership transition: Selena remind the council that 5 members will be leaving: Selena, Zach, Hy, Nader and Karl in June. Zach comments: would like to handoff leadership in March to bridge.

Brief Discussion: Do we need a quorum to change current number of 9 members present? This is also related to filling MSAC seats. Marcia explains that MSAC needs to meet statutory requirements, particularly the need to fill higher education seats. She reports that we have a good number of applicants but not many from higher ed. Selena and Suzanne volunteer to work on governance issues including quorum and membership. They will draft a document and share. Gwen shares that she will not be able to step into the co-chair position because of work. Suzanne still is interested in co-chairing with another member.
5. Logistics/Setting the Stage
 - Zach and Selena facilitate and Gwen is recorder
 - Group team builder: Share recent successes with shoulder partner.

Announcement of Yanira Vazquez as the new Math and Science Bureau Director!

6. MSB/PED Updates (Yanira Vasquez): Instructional Materials memo sent to Superintendents re: adoption cycle. Changes included adoption for PE and Health this current year; science has been moved to the next school year (2019) with arts, and math with career/technical education the year thereafter (2020). PED will provide stipends for teachers to attend MSS program at \$400 this summer (June 12-16 in Albuquerque and with the ISEC program in Santa Fe), (June 19-23 in Albuquerque and Bloomfield). Also included are room and board and mileage if they are traveling more than 60 miles one way. Making Sense of Student work training this past Saturday with Tammy Gaudet and Yanira facilitating science facilitators cross trained in math tasks. Also invited participants from other PED groups: literacy and priority schools. PME is undergoing midway review with MSA partners. Math Science Partnerships funds – one proposal but had solid feedback. Will be advertising/ hiring a new math specialist to replace Yanira's position. STEM Symposium deadline for proposals extended to March 15th. Does MSAC want to submit a proposal? NGSS is still being reviewed.

7. STEM Coalition/NMPMSE: Selena reports that Rick Scott is serving as an advisor for the majority in the Senate. She also reports that the Computer Science Teachers are advocating for high school as a math and science credit. Marcia shares a potential of NSF funding a collaborative project with PED and Higher ED (UNM) with "Computer Science for All" high school curriculum. Should we look at getting an MSAC member who has expertise in computer science education? Selena shares and she, Zach and Gwen and working on moving forward to build a STEM Coalition. Selena shares that STEM Colorado is a viable model for NM. Selena has started drafting a one-page document about the purpose and description of the Coalition.

8. MSAC Professional Learning (Central NM STEM-H Hub Ecosystem, Joe Hastings): History includes NM Partnership for Math and Science, growing out of work of Mission Graduate and collective impact initiatives, nationwide program STEM Funders Network that designated STEM ecosystems funding and technical assistance. Some of the ecosystems are more like coalitions, some are programmatic, some have governance and some don't. Who's involved in Central Hub: business, early childhood, K-12, higher ed, girl scouts, museums. Explora is the backbone organization. Group is seeking funding for both a program and to build capacity. The program is "12 months of Math," modeled after San Diego Coalition; it is a public relations campaign, focused on families, applying for an NSF INCLUDES grant. Technical assistance provided by STEM Funders Network is focused on strategic planning for the Hub focused on this program.

9. Review recommendations and determine strategic priorities:

- What will our work be over the next few months?
- Develop the backbone of the 2017 Annual Report
- Determine how we can best support the PED/MSB

Ideas generated: Group 1 – Continuing to educate on Framework/NGSS; Advocate for NGSS and Implementation as part of strategic vision; Link performance assessments

Group 2 – Generate membership; Marketing in a multifaceted way; Advocating for MSB to create a strategic plan and giving them honest and supportive feedback; Math elementary

endorsement

Selena and Zach will create a sorting activity on line to reflect on people's ideas. Next meeting we will use these reflections during a working meeting.

*Nate suggests we think about making the report for accessible, user-friendly for practitioners.

10. 2015-2016 MSAC Report letter and recipients: Create a letter to legislators about the Annual Report so that we can place in mail boxes that shares good work of the MSB/PED and includes some of the advisement MSAC has suggested. Gwen will create initial draft.

Kim will distribute on January 31st for MESA day.

MSAC will mail/distribute the Annual Report in March to all contacts including MSS flyer and STEM Symposium flyer.

Adjourn: 4:15 pm

Submitted by Kim Scheerer