

Minutes of 5/12/15, at EPSCOR:  
Math and Science Advisory Council Agenda  
Tuesday, May 12, 2015  
10:00am to 4:00pm  
EPSCoR

## 1. Call to Order/roll call--Selena

Mr. Karl Agar II  
Ms. Phyllis Baca  
Dr. John Bellum  
Ms. Selena Connealy  
Mr. Nathaniel Evans  
Mr. Joe Hastings  
Ms. Suzanne Johnson  
Ms. Karen Kinsman  
Ms. Malva Knoll  
Mr. Zachary Leonard  
Dr. Nader Vadiee  
Dr. Alexei A. Pevtsov  
Dr. Hy Tran

Item 1: Call to order 10:05. Present are Selena, Hy, Nathaniel, Malva, Karl, Nader, Marcia, Lesley, Zach

Item 2: N. moves to approve agenda, Malva seconds. Agenda approved.

Item 3: Minutes from the February meeting at SIPI need the photos sent to Lesley. Minutes 3/19, item 6.d, PED *sponsored* teachers (rest remains same).

Nathaniel moves, Karl seconds to approve minutes of 3/19, subject to corrections e.g. who moved/seconded motions and correction in item 6.d

No discussion. Motion passes.

### Item 4 on agenda:

Meeting Goals--Zach

- Strategic Framework feedback
- Develop an action plan for each sub-group (policy brief)—prepare for mtg w/ SecEd in Sep. 2015. Reason for timeframe is because that's when budget planning begins for PED.
- MSAC professional learning to support Strategic Framework and goals development
- Set milestones and work products thru November
- Zach talks about the meeting goals. General discussion. Meeting req. w/ SecEd has reasonably open agenda, typ. 30-60 min. meeting. Selena included the whole advisory council as the meeting requester. Attendees are SecEd, Chief of Staff, director of policy, & MSAC, MSAC

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to brief on strategic framework. Malva asks clarification on differentiation between MSAC and professional PED staff.

#### 5. Logistics/Setting the Stage--Zach

- Designate a facilitator, time keeper, and recorder—Hy is sec/recorder. Selena/Zach are facilitators. Nathaniel is timekeeper. Should we designate a co-secretary? For this meeting, designate Malva as substitute.
- Group team builder.
- Quick review of agreed upon group norms. Be mindful & respectful, hear others' ideas and share your ideas.

#### 6. PED Updates (Lesley and Marcia)

Lesley: NGSS, moving forward quietly. Subgroup of teacher focus will convene June 1 to write a formal request to SecEd to adopt. Lesley needs to then prepare brief to governor. No formal movement until Feb. 2016. Discussion about NGSS/Achieve network being strict about state-by-state changes in standards. NGSS is not a content thing, but it's a delivery of the content thing.

SecEd requests update from stakeholders (NMSTA, NMAS, etc.) for NGSS.

Lesley reports that the focus group work is still being edited, but is mostly complete. Zach, Selena update that focus group "got" that the thinking in NGSS is based on research in how students learn science, and the cross-cutting concepts.

STEM Symposium 5/29 & 5/30. All members of MSAC have been invited. STEM symposium will be very exciting, a TED speaker, biodome, NMMNHS docents, etc.

Marcia: Making Sense of Science, training 40 facilitators (WestEd), can train 400 teachers (Santa Fe, Albuquerque, Las Cruces). Some gaps in registrations because of teacher stipend for training. Some discussion on getting more participation.

Math Labs, no Solution Tree training after 6/30. Each bureau will be responsible, rather than an outside source. K thru +, MCsquared setting up with teachers to observe other teachers interacting, then swap. Teachers rave about this. K thru + is a 25-day extension to school year for Title 1. Can occur in summer or pre/after school. Enrichment program.

Update on MSAC members: Ad will be placed at symposium, seeking to recruit 4 teachers/admins, some industry & higher ed.

#### 7. Sub-group Work Session—Selena

Opportunity-how to engage districts in new ways? There are still problems in communicating thru the districts to the teachers.

- Discuss critical issue
- Discuss what needs to be prepared for the presentation to the Secretary/MSAC Report
- Develop outline/rough draft of policy brief
- Post big ideas/questions on chart paper (Gallery walk with post-it feedback)

12:15 lunch (Sponsored by EPSCoR)

EPSCOR—In its 2<sup>nd</sup> of a 5 year NSF project. Selena gives details about what is EPSCOR, its research projects, workforce development, educational outreach, informal science education network.

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8. STEM Collective Impact Team Report (Karen Kinsman)

No report yet. On 5/22, the collective impact team will meet, then, the NMPMSE will meet.

9. MSAC Professional Learning (Selena, NM EPSCoR)

10. Report out on Work Session (10 minutes per group)

11. Work Session

- Discuss critical issue
- Discuss what needs to be prepared for the presentation to the Secretary/MSAC Report
- Develop outline/rough draft of policy brief
- Assign responsibilities and dates

12. Whole group

- Sub-groups share (5 min. each)

13. Next Steps

14. Sunshines and Blues (descriptive feedback on the flow, process, or content of the meeting)

Future MSAC Meetings

August, TBA (prepare for presentation to Secretary)

August/early September, TBA (Secretary presentation)

Thursday, September 10, 10-4 at TBA