

Minutes
Science and Mathematics Education Center
Advisory Board Meeting
Tuesday, October 18, 2005

CALL TO ORDER

The presiding Director, Katrina Mangin, called a meeting of the SAMEC Advisory Board Meeting to order at 3:35 p.m., October 18, 2005, in conference room #1027 of the Gould-Simpson Building, 1041 E. Fourth St., Tucson, AZ 85721.

A quorum was present, including:

Steve Brown, Gail Burd, Thea Canizo , Gary Chandler, Chris Donovan, Marta Civil, Dee Fife, Tom Fleming, J.D. Garcia, Selina Johnson, Elliott Lax, Larry Lebofsky, Katrina Mangin, Lisa South and Suzanne Westbrook

NEW BUSINESS

The individual group members in attendance gave brief introductions.

Dr. Mangin discussed her review of the SAMEC Progress Review. She discussed concerns with the designated goals. Discussion followed regarding the different terminology used on department/college outreach websites and the possibility of defining terms so they are consistent.

Dr. Mangin stated she had confirmed with Deb Colodner, the addition of Stacey Forsyth to the SAMEC Advisory Board.

There were questions regarding the steering committee recommendation for more collaboration with ASU and NAU. The Board felt that the current level was sufficient. It was noted that ASU has developed a center called "**CREMSET**." Dr. Civil commented on the amount of financial support the program has (grants, etc.) and how quickly it has grown. Also, that this is a direction that the UA should look at pursuing.

The group discussed advertising services to the outreach community with an emphasis on highlighting the programs available for teachers.

Based on the recommendations from the Sunset Review Committee, the group agreed they were highly opposed to "mathematics" being taken out of SAMEC.

It was suggested to invite Kate Jensen from the UA Advancement office to collaborate and pull together what we are doing to make it more visible. We need to promote ourselves in our role as a clearinghouse of outreach programs and information.

The idea of interdisciplinary offerings was discussed. The desire is to provide programs with all concentrations.

The group shared ideas on creating a web template for basic program information that could be accessed and updated by the departments/programs themselves. The concern is the amount of time and resources it takes to find and update the information.

Dr. Mangin reviewed the agenda issues regarding SAMEC roles.

1) Serve as clearinghouse of information

- Contact UA Research Support for grant information
- SAMEC goal is to be example of what “outreach” should look like

2) Inform UA faculty and administrators

- Check with *RISE* for suggestions
- Generate a wish list from teachers (Thea Cannizo emphasized that teachers do not need more curriculum, but want content support.)
- Look at Speaker’s Bureau offerings and find out if it could support some of the faculty/classroom visits
- Develop contacts at each department for speakers
- Develop a list of programs so that faculty/teachers can choose one that fits their needs

3) Weigh in/be proactive on major state initiatives in K-12 education

- State Science standards have been articulated by grade level
- Science will be tested on AIMS starting in 2008
- Field test will be done in 2007.
- Review statements from CoS on controversial, public issues related to science, for example, the teaching of evolution vs. intelligent design
 - Dr. Chandler noted concerns for giving opinions and possibly hindering teachers/students forming their own.
- Governor’s office has a major initiative for science, math, and technology being planned with input from two committees: the “P20 Committee” and “Teacher Quality Committee”. Goals of both are making Pre-K through graduate education (“P20”) a seamless pipeline rather than disconnected efforts at each grade level, identifying the most effective forms of teacher development for state support, pre-service education, and modernizing teacher pay scales.

4) Work with existing organizations

5) Develop and support a few selected outreach programs per year

- Continue Science Teacher’s Colloquium Series-make it easier for teachers to receive professional development credit for any seminar on campus
- Contact Dr. Elias Toubassi regarding Math Colloquium information
- Promote the Seminar series for teachers, invite more faculty to attend
- Schedule meetings to cover two areas: research topics and networking with other outreach coordinators with guest speakers such as Dr. Marx (CoE)
- Concentrate on one to a few programs per year, alternate years to offer programs

Dr. Mangin then referred back to the mission statement and vision for SAMEC. The Board broke up into separate groups to discuss recommendations for changes to the current wording.

The recommendations from the groups were noted and it was determined that Dr. Mangin, Selina Johnson, and Lisa South will incorporate the ideas generated from the discussion into revised statements.

The final discussion item was about funding resources for SAMEC. Updated budget figures were presented and Selina Johnson gave revisions to the numbers that were in the previous Progress Review Study. The Board unanimously agreed that additional resources need to be identified and that we need to secure more stable sources of funding for the program.

GOALS

Based on suggestions from the Board Members, SAMEC will revise and update the mission statement and the Progress Review Study for submission to the Sunset Review Committee.

The resulting documents will be sent to Board members for review and comments. Board members agreed to have a discussion about revisions to the Progress Review Study by email. Changes will be made based on feedback.

ADJOURNMENT

The meeting was adjourned at 5:05 pm.

Dr. Katrina Mangin
Director