

Minutes
ERM Division Business Meeting
ASEE2006 – 20 June 2006
12:30-1:30 PM
Chicago, IL

Submitted by Teri Reed-Rhoads, ERM Secretary/Treasurer

0. Call to order. Larry Richards called the meeting to order. He distributed several documents describing the ERM award winners and recent ERM data. He then thanked Cindy Finelli for her hard work in putting together a great program at ASEE 2006 and thanked Heidi Diefes-Dux for doing the same at FIE 2005.

Self-introductions were made. Those in attendance were as follows: (note, currently this is an incomplete list)

Cindy Atman	Univ. Washington	atman@engr.washington.edu
Maura Borrego	Virginia Tech	mborrego@vt.edu
Roni Burrows	Arizona State	burrows@asu.edu
Jenna Carpenter	Louisiana Tech University	jenna@coes.latech.edu
Kay C. Dee	Rose-Hulman	dee@rose-hulman.edu
Heidi Diefes-Dux	Purdue University	hdiefes@purdue.edu
Cindy Finelli	Univ. Michigan	cfinelli@umich.edu
Jeff Froyd	Texas A&M University	
Trevor Harding	Kettering University	tharding@kettering.edu
Joseph Hughes	Georgia Tech	joe.hughes@ece.gatech.edu
P.K. Imbrie	Purdue University	imbrie@purdue.edu
Glen A. Livesay	Rose-Hulman	livesay@rose-hulman.edu
Donna Llewellyn	Georgia Tech	donna.llewellyn@cetl.gatech.edu
Susan Lord	Univ. San Diego	slord@sandiego.edu
Dan Moore	Rose-Hulman	dan.i.moore@rose-hulman.edu
Tamara Moore	Purdue University	tmoore@purdue.edu
Matt Ohland	Clemson University	ohland@clemson.edu
Sarah Rajala	NC State University	sar@eos.ncsu.edu
Teri Reed-Rhoads	Purdue University	trhoads@purdue.edu
Larry Richards	Univ. Virginia	lgr@virginia.edu
Eric Soulsby	Univ. Connecticut	eric.soulsby@uconn.edu
Ruth Streveler	Colorado School Mines	rstrevel@mines.edu

1. Sarah Rajala, our PIC IV chair, reported that ERM is the second largest division in this PIC. She also reminded us that Mary Anderson-Rowland from Arizona State University will be our new PIC IV Chair.
2. The ERM Treasurer's report was given by Teri Reed Rhoads. BASS Account Balance as of 12/31/05 was \$69,987.25 (\$69,242.67 was previous balance as of 7/31/05) and Operating account balance was \$327.00 (\$0 was previous balance as of 7/31/05. Anticipating \$15,000 from FIE and the checks are in the mail. The Apprentice Faculty Grant expenses and ASEE AV and Brouhaha expenses are anticipated.
3. Cindy Finelli reported that we had 6 workshops with 215 people in attendance. 172 abstracts submitted, 1/3 acceptance, 56 papers are scheduled to be presented. This year Cindy used a second round of reviews due to the more rigorous reviewing standard. There were six papers nominated for Best Paper. There are 15 ERM technical sessions with 4 being co-sponsored. There were 14 workshops submitted and 9 were chosen. Two were canceled due to insufficient ticket

sales. The ticket fees were all set at \$25 which means we will have to cover all AV costs ourselves. See numbers on report. The AV costs were \$350 per room per day and we had 3 rooms.

4. Larry Richards reported that the call for papers for ASEE2007 has been issued. An electronic reminder will also be sent. Reminder that if you are going to propose a workshop, an abstract must be sent to Dan Budny. Sandra Yost will be Vice-Chair for ASEE 2008 in Pittsburgh.
5. Susan Lord, General Chair of FIE 2006 reported that all is going well. We need volunteers for session chairs and they are asking session chairs to take a more active role with the papers in their sessions. The registration form for FIE2006, to be held in San Diego, is available on line. About the same number of papers as last year but there were a record number of abstracts submitted. All workshops will be on Saturday and Sunday through Tuesday will be the regular conference days. The goal is to cut the last afternoon session on Tuesday due to the Halloween date. There will be no awards banquet, but there will be a reception. All awards will be presented on Sunday. The FIE awards will be presented on Monday. Sunday night is a reception on the Berkley Ship with a chocolate fountain. Kids are being encouraged. People will also be able to visit other ships such as the Star of India. The idea of continuing the Year of Dialogue idea at FIE was requested by Karl Smith. The current discussion is to make the after lunch on the last day be this type of session. The Engineering Education Research Colloquy results could also be presented at this time. Those interested in helping plan this session should contact Susan.
6. FIE 2007 will be in Milwaukee and then Saratoga Springs, New York in 2008. San Antonio has been chosen for 2009.
7. The ERM website has been much improved by recent up-dates by Dan Budny. If anyone has any contributions, please send the content or link to Dan. There is now a link for the Ron Schmidt Award. Lyle Fisel contributed Ron's information. Ben Dasher and Helen Plants Awards are now being written.
8. Glen discussed book marks and other printing pieces. Thanks to him for his hard work.
9. Dan Moore and PK Imbrie commented on the future of FIE. 2010 will be on the east coast and they are now looking for 2011 locations. If anyone is interested, please see one of the FIE Steering Committee members. They do have a support mechanism for those volunteering to host FIE.
10. NETI had 54 participants and Glen was the NETI Fellow this year. It was sold out as usual. This is the 16th year for NETI. Anyone interested in participating next year should get their applications in early.
11. We had 4 Fellows of ASEE named this year, Cindy Atman, Larry Shuman, Joe Hughes, and Dave Voltmer from the ERM Division. Cindy was also named to a Chair at the University of Washington. Dave Voltmer retired this year from Rose-Hulman. Charlie Yokomoto retired this year from IUPUI.
12. Apprentice Faculty Grant (AFG) recipients were introduced by Larry Richards. Apprentice Faculty Grant Chair - Jennifer Karlin was not able to be present at the Business Meeting –The four chosen for this year were as follows with their ERM Mentor in parenthesis;
 - a. Ravel Ammerman, Colorado School of Mines (Dave Voltmer)
 - b. Monica Cardella, University of Washington (Jennifer Karlin)
 - c. Daria Kotys-Schwartz, University of Colorado (Trevor Harding)
 - d. Tamara Moore, Purdue University (Larry Shuman)
13. The ERM 2006 Distinguished Service Award recipient, to be presented at FIE2006, is Eric Soulsby.

14. Benjamin J. Dasher Best Paper Award for the best paper presented at FIE 2005 (to be presented at FIE 2006) "need title of paper" and authors. Jennifer Karlin was committee chair.
15. ASEE Educational Research & Methods Division Helen Plants Award 2006 for the best non-traditional Frontiers in Education 2005 Conference session (to be presented at FIE 2006) by Ruth Streveler, "Need to add session name". Don Carpenter was committee chair.
16. John Heywood won the AERA Division I award for outstanding publication. "Engineering Education: Research and Development " – need to check the correct name of publication
17. Thanks to the ERM Nominating Committee of Trevor H. (chair) reported the results of the recent elections. Election results were announced. Teri Reed-Rhoads was re-elected Secretary/Treasurer, Maura Borrego and Veronica Burrows were elected Directors.
18. Out-going vice-chair elect for the ASEE2005 program, Cindy Finelli, invited everyone to Brouhaha.
19. A final version of an FIE Memorandum of Understanding (MOU) was agreed upon at this meeting. Norman has agreed to sponsor a portion of the New Faculty Apprentice grants as a part of this MOU and the affiliation of FIE with CASEE has been formalized. This means that CASEE will become an annual event associated with FIE. The remaining issue on the MOU is the insurance cost. The ASEE portion is the remaining issue and that is being resolved.
20. The recipients of the AFG awards for next year will receive \$2,000. Faculty members who are serving as mentors can be reimbursed for their Brouhaha tickets. Due to AFG's having a difficult time finding hotel space, we are going to ask ASEE to reserve 4 rooms at Hawaii.
21. PK Imbrie will remain the ERM representative for 3 additional years to FIE committee.
22. Karl Smith discussed the National Academy of Engineering's new initiative Annals of Research on Engineering Education. The goal is to get at how authors went about doing the work. It is trying to help others to get a sense of the thinking involved in doing the research. Alisha Waller is the managing editor. They are hoping that the community will become more involved in the discussion. It has one more year of funding. Cindy Atman asked if the continued funding depends on the community becoming more involved in the conversation. They are working with publishers right now as a possible sustainable model. They are open to suggestions for someone to host it.
23. Larry Shuman presented the new journal, Advances in Engineering Education, sponsored by ASEE. It will be an on-line journal that will be peer reviewed papers and a compliment to JEE. The first round of papers will be accepted July 17. The goal is to utilize multi-media and be creative in what is presented. John Chen, Bill Oakes, Sheryl Sorby, ??? are associate editors – need full list of editors.
24. Barbara Olds invited everyone to the ASEE Global Colloquium from October 10 – 12, 2006 in Rio de Janeiro, Brazil. Rich and Rebecca are going to conduct a NETI prior to the meeting. This meeting has attendees from all over the world. It is a small conference that allows for rich conversations.
25. Jeff Froyd proposed an invited meeting with Engineering Education as a focus on the research discipline side where the most exemplary work can be presented. The NSF is considering providing some support and the current discussion is that it will be held in conjunction with ASEE 2007. The discussion is that it will be a Saturday/Sunday meeting prior to the Annual Conference. Discussion presented that this timing was overlapping the NETI, K-12 annual meeting, and the workshops that are sponsored by ERM. They are trying to avoid the word "conference" in that this meeting will have a different format. The word "colloquy" is being considered. The word "workshop" will not be used either. "Town Hall or Summit" were additional suggested names for the meeting. Much discussion ensued which focused on the purpose or goal of this meeting.

26. General Discussion topics – Trevor asked that we coordinate with the other divisions on the timing of the workshops and the topics as well. There was at least one workshop that had the exact same topic as ours. We planned our workshop times so that ERM members could go back and forth. Jenn Atkinson from ASEE is working with us on some of these issues. The PIC chairs actually choose the workshop topics, times, and order. We have not heard from Sarah on the request made last year that ASEE cover AV costs in workshop charges so that we don't have to guess at these costs or cover them in addition to the general charge.
27. Ideas for ERM Distinguished Lecturer were requested. Lee Schulman was suggested. Karl Smith was suggested. Leah Jamieson was suggested.
28. The next ERM Business meeting will be at FIE 2006 in San Diego, CA. The meeting adjourned at 1:52 PM.

Respectfully submitted, Teri Reed-Rhoads, ERM Secretary.