

Minutes  
ERM Division Annual Business Meeting  
ASEE 2000 Annual Conference — June 20, 2000  
12:30-2:00pm

Submitted by Eric P. Soulsby

1. Call to order and introductions

Barbara Olds, Division Chair, called the meeting to order. Members and guests present introduced themselves.

Those in attendance:

Robin Adams		radams@u.washington.edu
Cindy Atman		atman@enr.washington.edu
John Bell		jbell@uic.edu
Mary Besterfield-Sacre		mbsacre@engrng.pitt.edu
Dan Budny	University of Pittsburgh	budny@pitt.edu
Joan Burtner		burtner_j@mercer.edu
Don Carpenter		dcarpent@umich.edu
Justin Chimka		jchimka@pitt.edu
Sandy Courter		courter@enr.wisc.edu
Virgil Cox	Gaston College	cox.virgil@gaston.cc.nc.us
Dick Culver	Binghamton University	rculver@binghamton.edu
Marjorie Davis		davis_mt@mercer.edu
Heidi Diefes		hdiefes@purdue.edu
W. Ernst Eder		eder-e@rmc.ca
Jerene Good		jerene@drexel.edu
Cindy Finelli	Kettering University	cfinelli@kettering.edu
Ann Marie Flynn		amflynn@manhattan.edu
Trevor Harding		tharding@kettering.edu
Kathryn Hollar		kathryn@cheme.cornell.edu
Jim Jones		jonesjd@ecn.purdue.edu
Jennifer Kadlowec		kadlowec@rowan.edu
Brad Kinsey		b-kinsey@northwestern.edu
Richard Layton	Rose-Hulman Institute of Technology	laytonr@asme.org
Angela Linse		linse@enr.washington.edu
Donna Llewellyn		donna.llewellyn@oars.gatech.edu
Jose Macedo		jmacedo@acusd.edu
Clark Merkel		cmerkel@stinan.com
Heather Nachtmann		hlnst1@pitt.edu
Matt Ohland		ohland@ce.ufl.edu
Barbara Olds	Colorado School of Mines	bolds@mines.edu
Jerry Paskusz		paskusz@uh.edu
Michael Pavelich	Colorado School of Mines	mpavelic@mines.edu
Teri Reed Rhoads		teri.rhoads@ou.edu
Larry Richards	Univ. of Virginia	lgr@virginia.edu
Laura Ruhala		ruhalal@lafayette.edu
Larry Shuman	Univ. of Pittsburgh	shuman@pitt.edu
Eivind Skou		ems@chem.sdu.dk
Karl Smith	Univ. of Minnesota	ksmith@tc.umn.edu
Durward Sobek		dsobek@ie.montana.edu
Eric Soulsby	Univ. of Connecticut	eric.soulsby@uconn.edu

Fred Springsteel		springsteelf@missouri.edu
Ruth Streveler		rstrevel@mines.edu
Pete Tschumi		pete@ualret.ualr.edu
Jennifer Turns	University of Washington	jturns@enr.washington.edu
Marion Usselman		marion.usselman@ceismc.gatech.edu
Alisha Waller	Waller University	alisha_w@bellsouth.net

Barbara Olds discussed a handout listing positions within ERM. She indicated a need for volunteers for committee work and reviews of papers. She discussed the results of the elections held this past Spring and introduced Cindy Finelli and Jennifer Turns as new directors on the board and Eric Soulsby as the secretary/treasurer. A volunteer was solicited for the Dasher Committee chair position.

Barbara Olds distributed a listing of ERM awards for this year, commented that the ERM newsletter is distributed electronically, indicated that the ERM web site can be reached via ASEE, and that the AFG winners would be introduced at the Brouhaha that evening.

## 2. Committee Reports

Briefly touching on some of the committee activities, the following comments were made:

### Teacher Development

Mike Pavelich indicated that teams giving workshops on the fundamentals of teaching were again active this year. Teams that had acted in this capacity over the past year included: Alisha Waller & Dan Budny at the conference; Ron Terry & Mike Pavelich at the Rocky Mountain meeting; and Cindy Finelli & Charlie Yokomoto at the Northeast Regional meeting.

### NEE Program

Cindy Finelli continued to serve as a liaison to the NEE, encouraging NEE members to join ERM.

### Effective Teaching Institute

Rich Felder, Jim Stice and Rebecca Brent offered the NETI again to a sold out audience of 56 registrants. There have now been over 500 people who have benefited from the NETI.

### Brochure

Richard Layton distributed a tri-fold yellow brochure about ERM and a bookmark listing the ERM sessions for the conference. He invited someone else from those attending the meeting continue in this position, saying that the files could be supplied electronically to the new person.

## 3. Conference reports

*ASEE 00:* Virgil Cox commented that there were 75 presentations planned for the conference resulting from a review of 200 abstracts.

*ASEE 2001:* John Chen would comment at the Brouhaha about plans for next year.

*FIE 99:* Dan Budny reported that there were 706 registrants of which 57 were guests and 50 were exhibitors. Along with roughly 800 college students, the attendance was quite high.

*FIE 2000:* Mike Pavelich indicated things were moving forward for the meeting in Kansas City.

*FIE 2001:* Dan Moore and Billy Crynes were planning for the Reno meeting.

*FIE 2002:* A program chair for the meeting in Boston is needed.

*FIE 2003:* Alisha Waller offered to serve as program chair.

## 4. New Business

### (a) Educational research workshop -- Instructional Leadership Training

Dick Culver will be working with a committee to investigate a proposal by John Heywood concerning a "need for training in instructional leadership of key members of the engineering professorate."

### (c) ERM Research Grant program

Barbara Olds commented on the idea of research grant proposals as an idea of using ERM funds to try a little bit of research/travel/etc. related to engineering education.

(c) Ric Porter Award

Larry Shuman will be heading up a group to create an award to recognize individuals possessing the same attributes as those admired in Ric in dealing with students as a mentor, advisor, and nurturer of engineering talent.

(d) FIE Faculty Fellows

Larry Shuman reminded folks of the July deadline for applications for the New Faculty Fellows.

## 5. Discussion

- Dick Culver commented that Larry Shuman would be receiving the Ron Schmitz Award.
- Virgil Cox commented on the idea of teaching ERMers how to teach using the web and how engineering educators need to consider use of the web for teaching engineering.
- Dan Budny commented that selection of Program Chairs for ASEE/FIE should be done with an understanding that the person selected needs to be able to fund travel associated with conference planning as well as attendance at the conferences, but if a hardship ERM could consider funding.
- Dan Budny commented that there were several papers that were in presentation form only; i.e., not part of the proceedings. He suggested that ERMers make efforts to get their work published.
- Alisha Waller indicated a need for ERMers to strengthen ties to the education community.
- Ernst Eder suggested that ERM also look for connections with other societies across the world as well.
- Larry Shuman suggested partnering with other divisions within ASEE in order to get more papers presented at the conference.
- Dan Budny commented that at the Board of Directors meeting the issue of campus representatives was raised with a suggestion that rather than have deans appoint the person a suggested list of names may be used; he implied that perhaps ERMers could be on the list. Matt Ohland responded saying he did not see a significant role for sectional activity given today's communication techniques.
- Fred Springsteel commented that the sharp upturn in computer science and engineering students may prompt a need for ERM to connect more with the Special Interest Group on Computer Science Education.

## 6. Group Exercise

Ideas were solicited for a 'Great Session for ASEE next year', resulting in the following suggestions:

- Success stories in using the web for faculty development
- Doing educational research
- Engineering remedial studies
- Engineering pipeline issues
- Engineering articulation issues
- Assessment of learning
- How to ....
- Something good happened, eventually
- Mental Models

## 7. Nominating committee vote

Barbara Olds managed the nominating committee vote resulting in Teri Reed Rhoads, Ken Roby and Charlie Yokomoto taking on the responsibility for next year.

## 8. Adjournment

Concluding the discussion an adjournment was unanimously received.

Submitted by Eric P. Soulsby