

Minutes

ERM Division Executive Board Meeting

FIE 2000 Conference — October 19, 2000

1:30-3:30pm

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:

Dan Budny	Univ. of Pittsburgh	budny@pitt.edu
John Chen	Rowan University	jchen@rowan.edu
Sandy Courter	Univ. of Wisconsin – Madison	courter@engr.wisc.edu
Billy Crynes	Univ. of Oklahoma	crynes@ou.edu
Dick Culver	SUNY – Binghamton	rculver@binghamton.edu
Cindy Finelli	Kettering University	cfinelli@kettering.edu
Trevor Harding	Kettering University	tharding@kettering.edu
P. K. Imbrie	Purdue University	imbrie@purdue.edu
Susan Lord	Univ. of San Diego	slord@acusd.edu
Ron Miller	Colorado School of Mines	rlmiller@mines.edu
Dan Moore	Rose-Hulman	dan.j.moore@rose-hulman.edu
Barbara Olds	Colorado School of Mines	bolds@mines.edu
Matt Ohland	Clemson University	ohland@clemson.edu
Michael Pavelich	Colorado School of Mines	mpavelic@mines.edu
Melinda Picket-May	Univ. of Colorado	mjp@colorado.edu
Teri Reed Rhoads	Univ. of Oklahoma	teri.rhoads@ou.edu
Larry Richards	Univ. of Virginia	lgr@virginia.edu
Larry Shuman	Univ. of Pittsburgh	shuman@pitt.edu
Karl Smith	Univ. of Minnesota	ksmith@umn.edu
Eric Soulsby	Univ. of Connecticut	eric.soulsby@uconn.edu
Jennifer Turns	University of Washington	jturns@engr.washington.edu
Mark Urban-Lurain	Michigan State Univ.	urban@msu.edu
Charlie Yokomoto	IUPUI	yokomoto@engr.iupui.edu

2. Secretary/Treasurer Report

Eric Soulsby distributed minutes from the Board meeting held at the FIE '99 and ASEE '00 Annual conferences. He also indicated that the treasury showed approximately \$44,000 in the BASS account, with income from the FIE'99 conference yet to arrive. There was discussion about the liability of ERM in the event that the FIE'00 conference comes 'in the red' due to a perceived lower turnout than the previous few years. Larry Shuman indicated that there may be a need to look at how to revitalize FIE if the interest is to maintain the high registration of recent years. There was a discussion on the number of papers submitted/rejected/not written following acceptance.

3. Committee Reports

(a) Nominating Committee

Ken Roby is suffering from a chronic lung condition that forced him to not be able to attend the meeting. He will be continuing with his ERM duties, however, and plans on seeing everyone at the June ASEE conference. Teri Rhoads reported for the committee and indicated that the committee is working on nominations to fill the officer positions of Division Chair and Program Chair-Elect along with two director positions to replace Dan Budny and Larry Shuman.

(b) Awards

Ben Dasher: Susan Lord indicated that the Dasher award was proceeding in a much more 'logical fashion' this year, with papers identified earlier.

Helen Plants: This award appears to be one in need of review for continuation. It was unclear whether Julie Ellis was continuing to manage this task. Mike Pavelich indicated that he would follow-up on data sheets collected at the workshops that were given on Wednesday of the conference. Barbara Olds suggested that ERM reevaluate this award for the future.

Distinguished Service: Barbara Olds indicated that Dick Culver was to be recognized at this conference. The award is for long term and spectacular service. A committee of the current Division Chair (Barbara Olds) and past two chairs (Karl Smith and Mike Pavelich) selects the next recipient.

(c) Publications

Newsletter: Ken Roby continues to serve as the Newsletter Editor and welcomes submissions.

Web site: Dan Budny distributed a handout showing the revamped ERM web site. He asked the Board to review the material and provide him with additional information that could be added to the web pages. It was suggested that adding links to related educational sites, possibly listing past Apprentice Faculty Grant recipients along with a link to their current information, as well as providing more info on ERM history be done. Dan indicated that the new server is up and running at Pittsburgh. The Board reaffirmed its commitment of \$1000 for annual maintenance of the web site.

(d) Apprentice Faculty

Jennifer Turns discussed the AFG indicating that there was little to report since the bulk of the work begins after the FIE conference. Matt Ohland and Larry Shuman indicated that it may be of interest to track down previous winners of the AFG award to see whether or not the AFG has the desired effect of interesting faculty in educational issues; i.e., is the AFG effective to the extent that ERM wishes it to be. Along this line, Sandy Courter suggesting listing engineering scholars on the web site as well.

(e) Teacher Development

Mike Pavelich reported that the teacher development workshops were active with one solicitation from Montana State University being served by Ron Terry and Ron Miller. Dan Budny commented that he had pushed the workshops at the ASEE Board level. It was suggested that information on the workshops be added to the web page. Mike indicated that he will work on advertising the workshops now that his stint as FIE Program Chair was ending. Dan commented that ERM may want to push the workshops at ASEE sectional meetings as a way to boost interest in ERM. Matt Ohland commented that he did not feel a need for the ASEE sectional meetings given the ability to network with colleagues electronically. Ron Miller reminded all that the original intention of the workshops would need to be reviewed if the intent was to use them as a vehicle to increase ERM membership; i.e., the original intent was teacher development rather than increasing sectional participation or ERM membership. Mike Pavelich proposed a small committee (Mike, Ron and Dan) look at the issue and report back to the Board in June.

(f) NEE Program

Matt Ohland indicated that he planned on being more active in the role as liaison to the NEE group and hoped

for more interaction at the ASEE meeting.

(g) Effective Teaching Institute

Rich Felder and Jim Stice continue to hold the National Effective Teaching Institute (NETI) at the ASEE Annual Conference. There was a discussion on the connection of this activity to ERM and whether it should be listed on the ERM web site.

(h) Brochure

Laura Ruhala will be taking over this task from Richard Layton who passed the baton following the ASEE 2000 meeting.

(i) FIE Steering Committee

Ron Miller, Larry Shuman, and Dan Budny are on the Steering committee. A discussion revealed that sites for 2004-2006 were needed. Larry Shuman indicated a concern about getting away from substantive issues at the FIE meeting and a concern about the need for a contingency plan should the FIE continue to get smaller in terms of registrations and subsequent revenue to ERM.

4. Conference reports

FIE '99: Larry Richards commented that things went well. Dan Budny indicated that there was roughly a \$40K profit, with one-third expected to return to ERM.

FIE '00: Mike Pavelich indicated that he was pleased with how things were going so far. Roughly 2/3 of the papers presented with associated with ERM. There was some discussion on the slant of the exhibitors to just EE/CS, perhaps due to the IEEE co-sponsorship of the conference. Larry Shuman suggested possibly looking for a fourth sponsor. A question of whether attendance was down due to the location of Kansas City (following St. Louis for ASEE) was raised by Eric Soulsby. Dan Budny expressed concern about the conference becoming dominated by Computer Society issues rather than being concerned about "frontiers".

FIE '01: Dan Moore and Billy Crynes commented that in Reno there would be fewer workshops and that they were planned to not start before 2:00. There was concern expressed by many about the schedule of workshops and the low attendance at some here in Kansas City. The consensus of all was that there should be fewer workshops and those offered should be of high quality and well thought out before acceptance.

FIE '02: P.K. Imbrie volunteered to take on the task of Program Chair. Sandy Courter volunteered to take on the task of Program Chair-Elect.

FIE '03: Alisha Waller was not in attendance, but had sent word she was looking forward to Boulder.

ASEE '01: John Chen distributed a listing of what was being planned for the June conference. There was discussion on co-sponsored sessions with the hope that by doing so ERM would be able to get more papers into the conference. Larry Richards commented that the Distinguished Lecturer had been selected with John Bransford, author of "How We Learn", picked this year.

5. New Business

(a) Session for ERM leaders at ASEE

Following the unfortunate cancellation of this event this past June, it was reported that we were on track to do this on Saturday evening at ASEE this year.

(b) Educational research workshop(s)

Dick Culver distributed a memo concerning a "super NETI". He reviewed the role of ERM in trying to provide leadership in engineering education and discussed the results of planning undertaken by himself and a few other ERMers regarding the notion of special workshops for ERMers. He proposed two workshops. One dealing with senior level educators; i.e., those who have benefited from past NETI experience and/or ASEE/FIE meetings, to address where should ERM be going and what should scholarship in engineering

education look like. A second aimed at younger faculty to provide additional opportunities for AFG's and future stars in engineering education. The model proposed was a 2-3 day meeting in parallel with the NETI meeting in June prior to the ASEE conference. Dick asked for the Board to endorse the concept, after which figuring out how to implement could be carried out. He estimated roughly 40 people in attendance at a cost of \$15K-\$20K per workshop. He proposed ERM underwrite while seeking funding from other sources. A planning meeting would be slated for Reno. Eric Soulsby indicated that there was \$44K in the ERM account. Larry Shuman expressed concern about using ERM funds to the extent desired should the FIE conference not continue to make money as it had been doing over the past three years. He indicated that he would be more comfortable if there was some sort of cost sharing for participants in the workshops rather than have the entire cost borne by ERM. Dick expressed a desire to have Board members provide him with feedback on the proposal.

(c) Richard Porter Award

Larry Shuman presented a revised proposal for the Ric Porter Award: "To recognize an engineering educator who has had a substantial impact on students both in the class room and as a mentor/advisor outside of the class room." The award is to be given at the FIE meeting, as part of the awards presentations, and that nominations should be solicited from deans, department heads, and students. A motion to create the award was approved by the Board.

(d) ASEE membership for 2000 Faculty Fellows

Barbara Olds asked whether the Board again wished to fund this activity again, to which the Board voted to do so once again. There was discussion on whether the ASEE Board ought to be approached to see if they would match ERM to fund a second year membership in a similar fashion to what they do with the Deans matching effort.

(e) Engineering Education Scholars

Sandy Courter distributed a proposal to have Engineering Education Scholars listed on the ERM web site as a way to provide an opportunity to continue a link among these folks. Larry Shuman expressed concern about being careful what gets listed on the ERM site so as to be fair to other similar groups. It was suggested that a link to the home site for the scholars could be added to the list of educational links that Dan Budny was planning on adding to the site.

(f) Plants award

Barbara Olds indicated that she planned to get an ad-hoc committee together to review the status of this award. Charlie Yokomoto, Dick Culver, and Barbara were selected to review the award.

6. Adjournment

Concluding the discussion on new business, Barbara Olds thanked all for the volunteer effort shown so far during her reign as Division Chair which led to an adjournment unanimously received.

Submitted by Eric P. Soulsby