

ASEE PSW Executive Board Meeting

Saturday, April 2, 2011

11:00 am – 2:00 pm

Fresno State University

Chair Jose Macedo called the meeting to order at 11:15 a.m.

Members Present: Macedo, Wang, Loscutoff, Schlemmer, Raeisi, Rezaei, Enriquez

Participating by Telephone: Members: Gallagher, Tester, Phillips, Parisay, Little, Abbaschian

Guests: David Lanning (Embry-Riddle Aeronautical University, AZ), Lily Gossage (CSU, Long Beach),

Panadda Marayong, (CSU, Long Beach), R. Radharamanan (Mercer University), Brian Self (Zone IV past chair)

I. Call to Order

- a) Chair Macedo welcomed all present and asked for general introductions.
- b) A quorum was declared.
- c) Approval of minutes: Minutes of September 10, 2010 approved
- d) Approval of Agenda: Agenda was approved

II. Section and Committee Reports

- a) Chair's Report:
 - Chair Macedo congratulated Dr. Reza Raeisi for organizing an outstanding conference.
 - A motion to write a letter, on behalf of the Board, commending Dr. Reza Raeisi for an outstanding job organizing a very successful ASEE PSW Section Conference, passed unanimously.
 - Loscutoff, Phillips and Macedo will draft a letter from the Board recognizing Raeisi's work
 - Chair Macedo thanked members Parisay, Plotkin, Phillips, Breitenbach and Loscutoff for their long-standing service to the Board, and encouraged them to consider staying longer
- b) ASEE Report:
 - Self summarized the presentation done by ASEE VP of Finance, Ray Haynes at the conference:
 - Current Zone IV Chair Habib Sadid has resigned
 - There will be a vote to replace him with Marilyn Dyrud (from Pacific Northwest Section); ASEE PSW has two votes (one from Chair, and one from Chair Elect) in the Zone IV Executive Committee.
 - New ASEE Executive Director is Norm Fontberry (from National Academy)
 - ASEE is in better financial state.
 - New CFO is Sae-Young Park
 - ASEE will have a less active role in organizing international conferences (colloquium), which will not be self-supporting
 - ASEE has a new diversity website
- c) Secretary Report: no report; Phillips suggested moving up agenda item on Nominating Committee
- d) Past Chair Report: no report.

Discussion on Nominating Committee:

 - Committee will have 3 members: 2 past chairs, and a member in good standing
 - Gallagher will be the Chair of the Committee
 - Wang is the "member in good standing"
 - Third member will either be (1) Deb Larson (NAU), or (2) Rahim Khoie (UOP), or (3) Self.
 - Gallagher will contact Larson.
 - Nominating committee should report with recommendations by the end of April. Macedo will then call for elections.
- e) Chair-Elect, Campus Rep Report:

Wang emailed campus reps; 11 reports were submitted.
Rezaei was selected for the Outstanding Campus Rep Award.

f) Treasurer's Report:

- Macedo presented the reports for the last 4 business meetings (2 years), noting that the balance is fairly stable. Expenses were mostly on awards and conferences, and income mostly from dues.
- Phillips suggested an increase of dean's dues to \$100. Phillips will send to Macedo and Wang a copy of previous letters sent to deans.
- Wang suggested that Board does both solicitation of membership dues and sponsorship of conference.
- Phillips suggested that letter be sent to deans, with cc to campus reps.
- Treasurer's report was approved.
- A motion to increase the dean's dues from \$50 to \$100 was approved.
- Schlemer suggested developing a budget for the year; Macedo will work on this.

g) Section Membership Committee Report

- Schlemer will work on contacting potential institution members from PSW institutions; will work with Self.
- Macedo suggested that letter also include invitation to participated in ASEE at all levels, and not just PSW.

h) Director Reports:

Loscutoff

- Modesto Junior College has eliminated their engineering program due to low enrollment brought about by diversification of lower-division curriculum.
- Other institutions might follow suit (Merced, West Hills, CCSF)
- Suggested looking at a common core, and invite Dan Chang from UC Davis to address this issue

Abbaschian

- suggested that the someone from the Board attend the ASEE Engineering Deans' Institute (April 10-13, Palm Springs)

Little

- will be stepping down from the Board but will recruit someone from Harvey Mudd.

i) RWI – no report

Gallagher indicated that asking industry people to review abstracts and papers for the conference is a good way of getting them engaged.

Macedo will contact Gallagher regarding having a session on the topic "Models of University-Industry Interaction" at the next ASEE PSW conference at Cal Poly SLO.

Rezaei has a draft of letter to industry; Draft has been sent to Macedo and Gallagher.

Gallagher suggested the RWI Board members or their companies pay a fee as part of membership in the Board.

j) Webmaster Report

Parisay requested that any information be sent to Phillips and herself. She also welcomes any ideas and suggestions.

k) Community College Report

Enriquez reported that the paper on the erosion of the lower-division curriculum, which he co-authored will be presented at the 2011 ASEE national conference in Vancouver, and has been selected as the Best Paper in the Two-Year College Division.

Attendance at the Spring 2011 Engineering Liaison Council Meeting (March 30-31, CSU Fresno) was low, with only 38 participants.

Main focus of the ELC meeting was SB 1440 and its implications on community college engineering programs. Engineering, being a high-unit major, will not have a state-wide AS degree for Transfer. Cañada College received a NSF IEECI grant to work with community colleges on strengthening their engineering programs using Tablet PCs and distance education. A group of 12 community

college engineering faculty will attend a 3-day Summer Engineering Teaching Institute at Cañada College in June.

l) New Faculty – no report

m) Student Awards

Tester's report was sent by email (see Appendix A)

Guest Marayong (CSULB) commented that most universities in PSW do not have graduate programs in Engineering Education, and this will limit the pool of applicants/nominees.

Macedo suggested that student work on service learning may also be included in this award.

Tester will work more on the document and will send a revised draft to Macedo in a week. Macedo will forward to the Board for discussion.

n) Faculty awards

Breitenbach's report was read by Macedo.

Erik Dunmire from College of Marin was selected for the Community College award. The Outstanding Teaching Award was not awarded; the only nomination did not address 3 of the 6 items in the awards criteria section pertaining to "teacher's contributions to the profession."

Amir Rezaei received the Outstanding Campus Rep award

III. Old Business

a) Spring 2011 ASEE PSW conference at CSU Fresno

Raeisi thanked the Planning Committee, especially Loscutoff, Macedo and Wang, for the guidance they provided.

There were 4 company sponsors (1 at \$500, and 3 at \$300), and 6 university sponsors (\$100 each)

There were 35 papers submitted; 28 were chosen; 1 poster.

Guest speaker William Oakes paid for all his expenses. Edmund Tsang only asked for car rental from San Francisco to Fresno. The other speaker is local.

30 participants paid for the conference.

A net profit of \$2000 is anticipated.

b) Progress on plans for the Spring 2012 ASEE PSW conference at Cal Poly

Chair Macedo expressed that Cal Poly Dean, department chairs, and faculty are very supportive. He will soon form a Conference Planning Committee.

IV. New Business

a) Fall 2012 Board Meeting – Cal Poly SLO, either end of September, or beginning of October

b) Future Conferences:

- Rezaei suggested that a letter of commitment from Dean be required from future hosts.
- Spring 2013 – UCR (Macedo will contact Abbaschian)
- Spring 2014/15 – NAU (Tester will check with new NAU dean); CSU LB (Pannada Marayong will check with her dean)
- Will be revisited at the fall 2011 Board Meeting

c) Zone IV Chair

Board will support the appointment of Marilyn Dyrud

d) Tabled for the next Board Meeting

- Travel grants for Community College faculty to attend ASEE PSW conferences
- Developing a Budget for the year
- Decline of Community College Engineering Programs

Meeting adjourned at 1:38 p.m.

Respectfully Submitted

Amelito Enriquez,
Acting Secretary ASEE/PSW

Appendix

Report Submitted by John Tester, VC for Student Awards

April 2, 2011

ASEE PSW Board Meeting

Student Awards Report

I sent requests via email to the past VC for Student Awards members. I wished to understand the number of awards, criteria for success, etc. The following persons were sent requests:

Marie Dahleh ('mdahleh@engineering.ucsb.edu'). No response; in fact, email was no longer valid.

Rahim (rkhoie@pacific.edu)

Rahim was the first to respond. He stated that there was insufficient interest (I assume applications) for the award in the time for which he was the VC.

Loyd Hile ('lhile@csulb.edu')

Loyd Hile responded later. His tenure ended around 2005, I believe.

His response was that (from his notes in 2005) the PSW Board desired to simply "recognize student work" in general. They decided to invite students from universities in the region to submit poster presentations which were judged at the subsequent PSW meeting for a cash award.

PSW Posted Minutes Review

In 2005, an award was presented at the Reno Conference. The criteria was noted as follows:

- Letter of recommendation from thesis advisor
- Statement from student on future plans and interest in engineering education

Award nominee deadline was March 16, 2007.

Written in announcement was the following objective:

“The purpose of the competition is to provide recognition of student engineering project work among engineering educators in this region. The competition will acknowledge and reward innovative approaches to solving engineering problems.”

Power point slides on the applicant's work was to be submitted.

In minutes from 2008, it was noted that only 2 nominees were placed.

In minutes from 2009, it appeared that there is still problems in issuing this award, and a committee was formed (I was not on the board at the time, so was not on the committee).

No funds appeared to be allocated from last year for the award.

Recommendations from last meeting and to present

1. I will draw up a purpose for these awards, answering, "What are the objectives of issuing this award?" Several that have already come to mind include:
 - a. Giving publicity to ASEE at the regional level to graduating students in Engineering. This publicity might stimulate some interest in Engineering Education for those already interested in graduate studies.
 - b. Providing an external professional respect for student work in senior capstone.
 - c. Providing an external professional review for student work in senior capstone.
 - d. Showing external approval & respect for Engineering Education-related graduate projects.
 - e. Showing external approval and respect for community service type projects which are engaged as part of an Engineering Education process.
2. Once the awards process is established, I will contact all engineering departments who participate in ASEE PSW, informing them of the awards process.
3. I will contact some industrial contacts, querying their interest in sponsoring the award.
 - a. They may have an interest in putting their name on an award to encourage not only engineering graduate studies, but engineering education-oriented graduates in their region.

ASEE PSW Student Award

The objective of this award is to recognize exceptional work by a graduate student in Engineering Education activities. These activities may take the form of any of the following, in this order of preference:

1. A graduate student engaged in engineering education research as their primary thesis topic.
2. A graduate student engaged in engineering research, of which an engineering education task is prominent.
3. A graduate student who is prominent in the development of unique engineering educational experiences for undergraduate or K-12 students, with positive outcomes.

The following criteria are established.

- The student must be enrolled in one of the ASEE PSW member state or region universities.
- Doctoral students are given first consideration, followed by masters students.
- Students must be enrolled in an ABET-accredited institution.
- The student's thesis must be in a Masters of Science program.
- The student may be from Engineering or Engineering Technology programs.