

**ASEE Engineering Research Council
Annual Report 2012-2013
Submitted by Gary A. Gabriele, ERC Chair**

ERC Objectives

The following objectives have been set forth in the ERC Bylaws.

1. To provide a forum for discussion of problems and exchange of information pertaining to the research activities of ASEE members.
2. To provide research related program content at ASEE meetings.
3. To represent and to speak on behalf of research and its administration both externally and within ASEE.
4. To improve the effectiveness of research operations at ERC member institutions.
5. To establish and maintain liaison with other organizations concerned with research and its administration.

Other details about the ASEE ERC and its committee assignments and activities may be found at its website:

<http://www.asee.org/member-resources/councils-and-chapters/engineering-research-council>

ERC Board Meetings

The Board of Directors of the ASEE Engineering Research Council meet by teleconference generally on a monthly basis throughout 2012-13 year, or on an as needed basis. We had three face-to-face meetings during the past year, June 11, 2012 in Sante Fe (ASEE Annual Conference), September 18, 2012 at ASEE HQ, and on March 3, 2013 at the ERC Annual Workshop and Conference.

Activities

Current membership in the ASEE ERC involves about 330 institutional representatives from colleges and universities with engineering and computing programs. A complete list of representatives can be found at:

<http://www.asee.org/member-resources/councils-and-chapters/engineering-research-council/erc-institutional-members>

- The ERC cosponsored a session with the New Engineering Educators Division at the 2012 ASEE Annual Meeting in Sante Fe, TX co-chaired by Ralph Zee (ERC Board Member): “Improving Your Grant Writing Skills: A Panel Presentation” on Tuesday, 8:45 AM - 10:15 AM (June 12). The panel was made up of ERC Board members and the attendance was about 40 members. A new version of the session is being presented again this coming year with the NEE Division.
- The ASEE Engineering Research Council (ERC) held its annual conference on Engineering R&D Opportunities on March 3-5, 2012 at the The Marvin Center of The George Washington University, Washington DC. The Conference Chair was Dr. Lori Bruce (Mississippi State). Specific program information can be found at: <http://www.asee.org/conferences-and-events/conferences/erc/2013>. A highlight of the meeting was the Sunday workshop for new associate deans for graduate study and research. This is the second year that we have held this workshop in a very interactive format meant to provide for networking and sharing ideas and the attendee’s response was very positive. This will be continued in the coming year.
- The annual ERC Members Business meeting was held in conjunction with the ERC Annual Conference. At that meeting it was decided to attempt a new format for the annual conference moving from our traditional format covering three days (Sunday afternoon through Tuesday noon) to a two day format (Monday and Tuesday, all day). This will be undertaken at our Board meeting during June in Atlanta.
- Dr. Christopher W. Jones, from the School of Chemical & Biomolecular Engineering at Georgia Tech, received the Engineering Research Council-Curtis W. McGraw Research Award.

- A revised set of Council Bylaws was developed during the past year that provides extensive reorganization and updating to current practices. These Bylaws have been finalized and will be put up for a vote at the next Members Annual Business meeting.
- The Board discussed the need for the Data Standardization Committee and it was decided that the Bylaws do not provide any basis for this to be a standing committee since a standing committee already exists within the EDC. As a result, this committee has been discontinued until such time as the EDC requests the ERC to undertake any data related issues. Because there is still a need for associate deans of research to be familiar with the definitions and usage of graduate and research data, the ERC will continue to provide time during their Annual Meeting for members to get updates from ASEE personnel.
- The ERC has successfully completed its election cycle; all board positions have been filled. It will also meet in June 2013 at the ASEE ERC annual meeting.
- The ERC continues to be interested and engaged in the ASEE efforts regarding International activities via the efforts of the ERC Chair and with the Corporate Members Council. The chair of the ERC participates on CMC monthly telephone calls as a liaison between ERC and CMC.

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