



American Society for Engineering Education

Southeastern Section Newsletter

Fall 2001 Edition

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2002 Spring Conference Update

ASEE Vision Statement

"ASEE will serve as the premier multidisciplinary society for individuals and organizations committed to advancing excellence in all aspects of engineering and engineering technology education."

Inside this issue:

ASEE Southeastern Section New Teacher Award	2
Thomas C. Evans Instructional Paper Award	2
ASEE Southeastern Section New Faculty Research Award	3
Packets	4

SE Section Web Address:

<http://www.ce.clemson.edu/asee-se/>

Over one hundred abstracts were submitted for consideration for publication and presentation at the 2002 ASEE-SE annual meeting hosted by the University of Florida 7-9 April in Gainesville, Florida. Several panel discussions are planned as well as three workshops. Dr. Eric Sheppard of NSF will conduct a workshop on how to write a proposal for research funding. Information regarding the conference and an online registration form may be found at:



excellence in teaching, research and service, will be held on the Monday night of the conference. One of the new awards is named after the late Tony Tilmans, formerly a dean at Southern Polytechnic State University in Marietta, GA. Recognizing Tony's exemplary service to the Southeastern Section, the award will be given annually to an ASEE member who has rendered distinguished service to the Section.

Begin to make plans to join us at the University of Florida in April. I am confident you will find the experience rewarding.

Peter W. Hoadley
President, ASEE-SE

<http://www.doce-conferences.ufl.edu/ASEE/site.asp>

Our awards banquet, where we recognize

ASEE Southeastern Section Outstanding Teaching Award

Overview. The Southeastern Section of ASEE is requesting nominations for the ASEE Outstanding Teaching Award. This award is intended to recognize faculty members who have demonstrated exceptional contributions to engineering or engineering technology education through outstanding classroom performance. The Southeastern Section award includes a \$500 honorarium and a certificate, which are presented at the Annual Section Meeting.

Qualifications. Candidates may be teachers of any subject included in an ABET/CEAB accredited engineering or engineering technology curriculum. The teacher, as an individual, must:

1. Possess and be able to communicate a broad and accurate knowledge of the subject area;
2. Possess self-confidence, create a feeling of harmony between self and students, and be able to meet difficulties with poise;
3. Possess a sense of proportion, stressing fundamentals and disregarding trivial detail, and give assignments that challenge students, demanding thinking in the completion of assignments;
4. Demonstrate such an intense interest and enthusiasm for the subject area and for the enhancement of the learning process that students are motivated to their fullest capacities;

(Continued on page 3)

ASEE Southeastern Section New Teacher Award

Overview. The Southeastern Section of ASEE is seeking nominations for the Outstanding New Teacher Award. The award is intended to recognize a faculty member who has less than four years of teaching experience and who has demonstrated excellence in the classroom. The award will be presented at the annual section meeting.

The Award. The Award consists of a certificate and a \$250 check.

Qualifications. Candidates may be professors of any subject in an ABET/EAC or ABET/TAC curriculum. The teacher, as an individual, must:

1. Be an ASEE member.
2. Have been a full time instructor or professor of engineering or engineering technology no more than four years.
3. Possess and be able to communicate a broad and accurate knowledge of his or her subject area.
4. Possess self-confidence; create a feeling of harmony between self and students.
5. Possess a sense of proportion, stressing fundamentals and disregarding trivial details and give assignments that challenge students to think creatively.
6. Demonstrate an intense interest and enthusiasm for his or her subject area and the learning process that motivates students to their fullest capacities.
7. Teach a minimum of two semester courses or three quarter courses per calendar year.
8. Have considerable endorsement from students using both regular course evaluations and individual letters of recommendation.
9. Attend the annual Section meeting at which the cash prize and certificate are presented.

Nomination. A candidate for this award may be nominated by a colleague, department head or by students. Nomination should include, but is not limited to, the endorsement of nominee's department head and/or dean or chief academic officer responsible for engineering or engineering technology and curriculum vitae or resume that demonstrates the above qualifications. Submission of all supporting documentation should be sent by January 31, 2002 to the Chair of the Selection Committee at the address shown below.

*Richard Denning
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University of Central Florida
Orlando, FL 32826
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Thomas C. Evans Instructional Paper Award

Papers are solicited for the Tom C. Evans Instructional Unit Award Competition for 2002. The award is given to the author or authors of the most outstanding paper pertaining to engineering education. The winning paper will be chosen from one of the following categories.

1. Unpublished papers submitted in response to this announcement.
2. Papers published in refereed journals during 2001.
3. Papers published in the Proceedings of the 2001 ASEE Southeastern Section Annual Meeting.

The award is for \$500 and will be presented at the 2002 Annual Section Meeting hosted by the University of Florida. The winning paper will be presented at the meeting and published in the 2002 Proceedings. Five (5) copies of the completed paper (no abstracts) should be submitted no later than January 31, 2002 to the chair of the Selection Committee:

*Laura W. Lackey, Ph.D., P.E.
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ASEE Southeastern Section New Faculty Research Award

Overview. The Research Unit of the Southeastern Section of the American Society for Engineering Education (ASEE) announces the 2002 Competition for Outstanding New Faculty Research Award. The award is intended to recognize a faculty member who has less than six years of teaching/research experience and who has demonstrated excellence in both research and teaching. The award will be presented at the annual meeting.

The Award. The successful candidate will be awarded a Medallion and a \$350 Cash Prize. Second place will be awarded a certificate and a \$150 cash prize.

Qualifications. Candidates may be faculty in disciplines in an ABET/EAC or ABET/TAC curriculum. The successful candidate must:

1. Be an ASEE member.
2. Be a full-time faculty member in either engineering or engineering technology.
3. Possess a record of excellence in research and teaching at his/her institution.
4. Possess a record of using research as a teaching mechanism in regularly scheduled courses.
5. Have endorsements from colleagues and Department Head/Dean.
6. Attend the annual section meeting at which the cash prize and certificate are presented.

Nomination. A candidate for this award may be nominated by a colleague, department head, or by students. The nomination should take the form of a portfolio submittal. Nomination applications should include, but are not limited to, the endorsements of nominee's department head and/or dean or chief academic officer responsible for engineering or engineering technology and curriculum vita or resume that demonstrates the above qualifications. Submission of all supporting documentation should be sent by January 31, 2002 to Chair of Selection Committee at the address shown below.

*Yaw Owusu
Florida A&M/Florida State University
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ASEE Southeastern Section Outstanding Teaching Award

(Continued from page 1)

5. Be available for advising and counseling students before and after graduation;
6. Teach a minimum of two semester or three quarter courses per calendar year;
7. Have considerable endorsement from the students, using both regular course evaluations and individual letters of recommendation;
8. Attend the Annual Section Meeting at which the award is presented;
9. Possess a strong record of activity in ASEE or the educational activities of another professional society.

The teacher's contribution to the profession should include at least three of the following:

1. Participation in the development of courses or curricula;
2. Development of teaching equipment or development of a wider application of teaching equipment previously developed;
3. Contribution to the improvement of laboratories or other facilities;
4. Development or authorship of instructional materials or a text that enhances the student learning process;
5. Publication of original work, through any medium, that enhances the engineering education process or adds to the literature pertaining to teaching methodologies;
6. Service as a mentor to other teaching faculty or participation in the conduct of seminars and workshops that are focused on helping other teachers improve their classroom effectiveness.

Nomination. The person making the nomination (sponsor) must be an ASEE member. Nominations should include the endorsement of both the nominee's department head and the dean or chief academic officer responsible for engineering/engineering technology. The nominations may be made using the General ASEE Award nomination form (available at <http://www.asee.org/awards/nominationinfo/nomform.cfm>). A curriculum vitae or resume that demonstrates the above mentioned qualifications should be attached. Submissions should be sent by January 31, 2002, to the chair of the Selection Committee.

*Richard Mines
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Packets

2002 Conference Site

The 2002 Spring Conference will be held at The University of Florida Hotel and Conference Center on the University of Florida campus across from the Performing Arts and Museum Complex. A number of tourist attractions may be found within 50 miles of the conference site. Some of these are discussed in the Spring 2001 Southeastern Section Newsletter. The newsletter may be found on the Southeastern Section website (see Page 1 for the web address).

Got something to say? Contact the right person in the Southeastern Section:

President	Peter Hoadley	540-464-7331
President-Elect	Richard Mines	478-301-2347
Sec-Treasurer	Shelton Houston	601-266-4896
Campus Reps	J. P. Mohsen	502-852-4596
VP Admin.	Fazil Najafi	352-392-1033
VP Instructional	Michael Woo	843-953-7679
VP Research	Michael Annable	352-392-3294

Historical Footnotes

Southeastern Section Spring Conference proceedings were first published in 1978, when the conference was held at the University of Virginia. The late Joseph M. Biedenbach of the University of South Carolina was instrumental in getting the proceedings published. Peer review of conference proceedings began in 1995, when the conference was hosted by the University of Southern Mississippi at Biloxi, Mississippi. The final edition of printed proceedings was in 1998, when the conference was hosted by the University of Central Florida in Orlando, Florida. J. P. Mohsen of the University of Louisville, who served as Proceedings Editor from 1992—1998, was the last editor of the printed proceedings. At the same conference (1998), proceedings were first distributed in CD ROM format. Jim Nelson of Clemson University spearheaded the change to CD ROM, and has served as Proceedings Editor since that time.