



Southeastern Section Newsletter

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."

Charleston, SC Prepares for Spring Conference

Plans are well underway for the 2001 Southeastern Section Meeting to be held April 1-3, 2001 at The Citadel in Charleston, SC. Southeastern Section officers met November 2-3 in Atlanta, Georgia to coordinate the development of the technical program and conference activities.

Over 120 presentations are scheduled to be made at the conference, which has "Step '01: Strengthening the Educational Process" as its theme. Conference activities include a reception and barbeque dinner at the newly constructed South Carolina Aquarium, an after-dinner talk at the awards banquet by State Senator Glenn McConnell on the mysteries surrounding the country's first submarine— the Hunley, which was recently recovered from Charleston harbor, several historic and scenic tours, workshops to promote teaching ex-



cellence, and the largest technical program in recent years.

The conference will be held on The Citadel campus. One of the landmarks of The Citadel campus, Padgett-Thomas barracks, is shown in the photograph above. Complete details on the conference, including registration information is provided on the attached brochure.

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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;

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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 motivate 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 nominees' 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, 2001 to the Chair of the Selection Committee at the address shown below.

*Richard Denning
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Thomas C. Evans Instructional Paper Award

Papers are solicited for the Tom C. Evans Instructional Unit Award Competition for 2001. 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 2000.
3. Papers published in the Proceedings of the 2000 ASEE Southeastern Section Annual Meeting.

The award is for \$500 and will be presented at the 2001 Annual Section Meeting hosted by The Citadel. The winning paper will be presented at the meeting and published in the 2001 Proceedings. Five (5) copies of the completed paper (no abstracts) should be submitted no later than January 31, 2001 to the chair of the Selection Committee.

*Michael H. Woo
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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 2001 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 be 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, 2001 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

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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, 2001, to the chair of the Selection Committee.

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Tribute to Tony Tilmans

It was an enormous loss for ASEE when Anthony (Tony) L. Tilmans died last summer from complications following heart surgery. Tony joined ASEE in 1961, and served in many capacities in both the national ASEE and the Southeastern Section. At the national level, Tony became a Fellow member in 1987 and served on the Board of Directors (1988-90) and the QEEP Task Force on Preparation for the Teaching of Engineering (1984-86). In addition, he served in many capacities within the Engineering Technology Council and Engineering Technology Division, as well as on many other committees. Recently, he served as Chair of the Administrative Unit of the Southeastern Section and was serving on the Constitution and By-Laws Committee of the Section when he died. As Chair of the Host Committee for the 1997 Southeastern Section Meeting, he helped put on a very successful conference at Southern Polytechnic State University (SPSU) in Marietta, GA where he served as Dean of the College of Technology. Tony began his academic career in the Civil Engineering Department of the University of Pittsburgh and served in various capacities in five other institutions before arriving at SPSU. These include Director of the Engineering Technology Department of Indiana State University at Evansville, Provost of the Wentworth Institute of Technology, and President of the Kansas College of Technology in Salina.

Tony Tilmans will be remembered not only for his many contributions but for his enthusiasm about engineering education with which he infected others. At SPSU, he was appreciated as one who listened, generously gave his time, and mentored students. He will certainly be missed by all of those who knew him and worked with him. At the last Southeastern Section Executive Board Meeting, the Board considered establishing a "Section Best Paper" award that would be named after Tony Tilmans. The Board expects to complete work on the details of the award in the near future.

J. P. Mohsen to run for Zone II Chair-Elect

J. P. Mohsen, President of the Southeastern Section in 1993-94, is a candidate for Zone II Chair-Elect. J. P. has also served as Vice President and Instructional Unit Chair in 1990-91, Civil Engineering Division Chair in 1989-90, and Technical Program Chair of the annual meeting in 1991. At the national level, J. P. served as the National Campus Representative from 1994 to 2000, a Civil Engineering Division Director from 1996 to 1999, and is currently the Civil Engineering Division's Chair-Elect. J. P.'s opponent in the election is Sandra A. Yost of the North Central Section. The December Prism contains full information about the candidates. Ballots will be furnished to members by March 1 and must be returned by March 31.