

The ASEE Environmental Engineering Division Newsletter

Spring 2004

A Message from the Division Chair

Dear Colleagues:

As I step down from being the Division Chair, I first want to thank the wonderful individuals who have helped our division run smoothly. I appreciate their commitment and continuing efforts. These people have helped me understand the importance of ASEE to our field. My first interactions with ASEE were through invitations to present results from an NSF project, to participate in the National Education Teaching Institute (NETI) workshop, and to receive a young professor award (ahh, to be a young professor again). In other words, my reasons for attending these early conferences had nothing to do with our Division. Nevertheless, I attended a number of technical sessions in the Environmental Engineering Division and other divisions. I was amazed to learn about the innovations in teaching that others were implementing. Project-based learning approaches, innovative capstone courses, techniques for teaching to multiple learning styles, ways to implement cooperative and active learning were but a few of the presentations that made me realize how many ideas were being tested to improve the educational process. The other striking realization was that most of the Research I Institutions were not represented in the Environmental Engineering Division. Initially, I thought they must already know all this stuff. At the AEESP Education Conference held in Maine in 1996, however, I realized that many attendees were hearing these ideas for the first time, whereas I had already seen the information presented several years earlier at ASEE. This event was a defining moment for me because I became aware of the substantial disconnect between these two organizations.

Over the past several years, I have tried to make better connections between AEESP and ASEE. I believe that both of these

organizations should represent and benefit all of us environmental engineering professors. Last year, I invited a number of individuals who are active in AEESP to participate in our conference. Many of them have committed to fostering more interaction, and I hope we can build on their involvement. This spring, one technical session at the national ASEE conference will be a panel session discussing the roles of ASEE, AEESP, ASCE and AAEE in engineering education. The session will include an open discussion about opportunities for our organizations to work together. I invite you all to attend and participate. I hope to see you in Salt Lake City to help us map out strategies for increasing interactions among our representative organizations.

*Sincerely,
Lynn*

Dr. Lynn Katz
University of Texas-Austin
lynnkatz@mail.utexas.edu

Be sure to check out the New Division Web Site:
<http://users.rowan.edu/~jahan/asee/envwebpage.htm>

OFFICERS **July 2003- June 2004**

Division Chair: Dr. Lynn Katz
University of Texas-Austin
lynnkatz@mail.utexas.edu

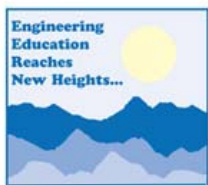
Program Chair: Dr. Christopher Swan
Tufts University
cswan@tufts.edu

Secretary: Dr. Francis Hopcroft
Wentworth Inst. Of Technology
hopcroftf@wit.edu

Treasurer: Michael A. Butkus
US MA West Point
bm8375@usma.edu

Please note that the Treasurer position is open for 2004-2005.

ASEE 2004 Activities



Technical Sessions

The Environmental Division has an outstanding program for the upcoming the 2004 ASEE Annual Conference in Salt Lake City, Utah.

The division is hosting one workshop and a total of six technical sessions on all three days of the conference. The sessions focus on a wide variety of important issues in environmental engineering education. The technical session titles and numbers are listed below:

- 1451 Innovative Teaching in Environmental Engineering
- 2651 Innovative Curriculum and Outreach
- 3151 Technology in Environmental Engineering
- 3451 Role of Professional Societies
- 3551 Sustainability and the Environment
- 3651 Opportunities in Environmental Engineering Curriculum

0451 Workshop: *Writing Course and Program Objectives*

We strongly encourage members to attend all our sessions.

Division Business Meeting

Session Number 2451
Tuesday, June 22
Time: 12:30 PM

The Division Business Meeting is open to all members. A treasurer is elected at this meeting. Plans for upcoming conferences, new ideas for attracting new members and other division activities are discussed.

Division Social

The division social will be held at the Rib Alley, June 21, 2004 at 6:30PM. *It advertises itself as "Utah's No. 1" choice for Southern food.*

This social event is open to all division members, prospective members, families and friends. The event provides a relaxed atmosphere to socialize and honor the Best Paper Award and the Early Career Grant recipients and the Outgoing Division Chair. The division honors the awardees with a plaque, certificate and a free invitation for the dinner.

Rib Alley

533 S 500 W
Salt Lake City, UT 84101
Phone: (801) 359-9926

Please inform Dr. Christopher Swan at cswan@tufts.edu if you plan on attending.

BEST PAPER AWARD 2003

Dr. Daniel Oerther, received the Best Paper Award for his paper titled ***"Integrating Biological Principles in Environmental Engineering Education: Summary Results of a Three-Year Pilot Study"***



This paper was presented at Session 1451 last year. He is currently an Associate Professor in Civil and Environmental Engineering at the University of Cincinnati. Dr. Oerther's research interests and expertise fall into three primary areas: environmental biotechnology, biochemical engineering and environmental education and policy.

EARLY CAREER GRANT, 2003

Dr. David Pines is an Assistant Professor of Civil and Environmental Engineering at the University of Hartford. Dr. Pine's research and teaching interests are water and wastewater treatment and CFD



modeling. Dr. Pines received his Ph.D. in 2000 from the University of Massachusetts at Amherst. Dr. Pine's paper is titled ***Including Service Learning In The Environmental Engineering Research Project***. He will be presenting in Session 3651.

Call For Papers 2005

The Environmental Engineering Division invites papers for the 2005 ASEE Annual Conference in Portland, Oregon June 12-15, 2005. Abstracts may be based on, but are not limited to, the following topics:

- Innovative approaches in teaching environmental engineering courses;
- Laboratory development in environmental engineering;
- Innovative curricula;
- Outreach to elementary, middle, or high school students;
- Undergraduate research experiences;
- Interdisciplinary projects and contests;
- Nuclear engineering and the environment;
- Accreditation;
- Technology enhanced learning and distance education; and
- Green engineering/sustainability.

Please submit a 200-300 word abstract electronically through the ASEE Conferences web page, <http://www.asee.org/conferences>, by November 1, 2004.

Be sure to indicate that your paper is for the Environmental Engineering Division and provide requested contact information. Questions may be addressed to the Environmental Engineering Division Program Chair, Dr. Francis Hopcroft via phone (617-989-4177) or e-mail (hopcroftf@wit.edu).

Best Paper Award

The author must be a current member of ASEE and of the Environmental Engineering Division. The paper must be submitted to the proceedings. **The author (not a graduate student or colleague) must present the paper.** For multiple authors, at least one paper author must be a division member, and the presentation at the conference must be made by a division member. In cases of multiple qualified authors, the prize will be split.

Prize is dinner for winner + 1 guest and recognition at the Division dinner, a plaque, and an honorarium of \$200.

EARLY CAREER GRANT

The Environmental Engineering Division of ASEE is pleased to announce the inception of the Early Career Grant. Recipients of this grant will be registered for the conference free of charge, and will be guests at the Environmental Engineering Division Dinner.

Eligibility Criteria

Applicant will be in a tenure-track position as of August 30, 2004.

Applicant will be un-tenured as of August 30, 2004.

Applicant teaches at any 2- or 4-year University that offers at least one environmental engineering course.

The abstract must be submitted to the Environmental Engineering division.

Selection Criteria

A single recipient will be selected based on the abstract submitted. A selection committee will judge the abstract based on its ability to positively impact environmental engineering education.

Application Process

To apply, simply ensure that the last line of the abstract contains the following sentence:

"I am eligible for the Environmental Engineering Division Early Faculty Grant."

If you have any questions, please feel free to contact the Environmental Engineering Division Program Chair (Francis Hopcroft) at hopcroftf@wit.edu

Upcoming ASEE Conferences

- **June 12 – 15, 2005**
Portland, Oregon
- **June 18 – 21, 2006**
Chicago, Illinois
- **June 24-27, 2007**
Honolulu, Hawaii

Newsletter Editor:

Dr. Kauser Jahan, P.E.
Associate Professor
Civil and Environmental
Engineering
Rowan University
201 Mullica Hill Road
Glassboro NJ 08028
Phone: 856-256-5323
Fax: 856-256-5242
email: jahan@rowan.edu