

The ASEE Environmental Engineering Division Newsletter

Spring 2003

A Message from the Division Chair

Dear Colleagues:

I am looking forward to attending the Annual Meeting in June and to enjoying the educational and networking opportunities there. And I also can't wait to experience the dry, cool summer that Nashville offers... One highlight of this year's program is that the Program Chair, Lynn Katz, has been active in reaching out to AEESP (Association of Environmental Engineering and Science Professors) and has recruited several speakers from her contacts with that organization.

Since I have become involved with ASEE, I have noticed a distinct increase in interest in the Environmental Engineering Division's technical sessions and social function. The technical sessions are full, we have had enough abstracts submitted so that we can be more selective, we have instituted a new award for "young" faculty members, I see new faces becoming *involved* every year (i.e. the same set of old fogies don't run the show every year) etc. I have had very little to do with this, and have been more or less an innocent bystander!

I hope to meet more Environmental Engineering Division members this June. Please let me or any officer know how the division can continue to improve, or better yet, show up at our Business meeting to rant and rave as you see fit! In all seriousness, we look forward to a packed room at our Business Meeting where we will elect a new treasurer and make plans for the 2004 conference.

Finally as outgoing Division Chair I would like to acknowledge all the help and support I have received from the division members and the officers. It has been a very rewarding experience in helping out with the Division activities. I hope you will stay in touch and help promote our Division in the coming years.

Sincerely,
Philip

Dr. Philip Parker
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Division Webpage

<http://sun00.rowan.edu/~jahan/asee/envwepage.htm>

OFFICERS **July 2003- June 2004**

Outgoing Division Chair: Dr. Philip Parker
University of Wisconsin-Platteville
parkerp@uwplatt.edu

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
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Treasurer: To be elected at Division Meeting

Division dinner social at Auberge Le Saint Gabriel in Montreal during ASEE 2002



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ASEE 2003 Activities

The Environmental Division program Chair Dr. Lynn Katz, Associate Professor of the Civil Engineering Department at the



University of Texas at Austin has organized an outstanding program for the upcoming 2003 ASEE Annual Conference in Nashville, Tennessee. The division is hosting a total of seven technical sessions on all three days of the

conference. The session titles and numbers are listed below:

- 1451 Innovative Teaching in Env. Engg
- 2151 Current Environmental Issues
- 2251 Technology in Env. Engg. Courses
- 2377 Nuclear Waste and the Environment
- 2651 Innovative curricula and outreach
- 3251 Sustainability and the environment
- 3551 Environmental justice & sustainability**

We strongly encourage members to attend all our sessions.

Division Business Meeting

Session Number 2451
Tuesday, June 24, 2003
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 (Session 1751)

The division social will be held at the

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1806 Hayes St
Nashville, TN 37203
Phone: (615) 329-1293
Monday June 23, 2003 at 6:30 PM.

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.

BEST PAPER AWARD 2002



Dr. Bruce Berdanier received the Best Paper Award for his paper titled "Use of Watersheds and the TMDL Process as Tools for Curriculum Development and the

Introduction of Research Concepts in an Undergraduate Environmental Engineering Course". This paper was presented at Session 1351 last year at Montreal. Dr. Berdanier has been just promoted to Associate Professor of Civil Engineering at Ohio Northern University in Ada, Ohio. Dr. Berdanier's teaching and research interests are primarily in the areas of water and wastewater treatment and surface water quality. He is currently heading up a collaborative project funded by the Foundation for Independent Higher Education (FIHE) to teach a watershed course asynchronously to students in different educational majors and at undergraduate and graduate level at three different universities on three different watersheds.

EARLY CAREER GRANT, 2002

The recipient of the faculty early career grant is Dr. Angela R. Bielefeldt. Her paper is titled: "Capstone Environmental Design Course Incorporating Sustainable



Development Projects". She will be presenting her paper in session 3251. Angela Bielefeldt is an Assistant Professor in the Department of Civil, Environmental, and Architectural Engineering at the University of Colorado, Boulder. Dr. Bielefeldt received her B.S. degree in Civil Engineering from Iowa State University in 1992 and her M.S. and Ph.D. degrees in Civil Engineering from the University of Washington, Seattle.

Call For Papers 2004

The Environmental Engineering Division invites papers for the Salt Lake City Utah June **20 – 23, 2004**. 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;
- Community service learning in environmental engineering education
- Innovative curriculum and/or training for K-12 teachers
- 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, 2003.

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, Christopher Swan via phone (617-627-2212) or e-mail cswan@tufts.edu

2003-2004 Program Chair

Dr. Christopher Swan, Associate Professor and Chair, Department of Civil & Environmental Engineering at Tufts University is the **Program Chair for next year's annual conference to be held at Salt lake City, Utah. Please contact Dr.**



Swan if you are interested in helping out with review of papers and moderating sessions.

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”

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, 2003.

Applicant will be un-tenured as of August 30, 2003.

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.

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 (Christopher Swan) at cswan@tufts.edu.