

The ASEE Environmental Engineering Division Newsletter

Spring 2007

A Message from the Division Chair

Dear Colleagues:

First, I want to send heartfelt congratulations to Professor Kauser Jahan, winner of the Meritorious Service Award! Kauser founded the Division's newsletter and has been serving as its editor and the website manager since 2000. She has also supplied all of the Division award plaques for a number of years on a voluntary basis. Kauser has served with distinction in all of the elected positions within the Environmental Engineering Division; she has served as the unrecognized historian of the Division; and, in the words of a past Division Chair, she has been an "unsung aide and mentor to me (and other division officers) throughout my tenure as a Division officer". Kauser has helped ASEE and the Environmental Division by serving as a role model to junior faculty and students at ASEE conferences and as a Professor at Rowan University. Her dedication and service to the Environmental Engineering Division of ASEE over the past decade is greatly appreciated. On behalf of all Division members – Thank you Kauser!

Environmental Engineering has been recognized as one of the fastest growing professions by the U.S. Department of Labor (see <http://www.bls.gov/oco/ocos027.htm#outlook>). With issues like climate change and sustainability at the forefront of environmental discourse among policy makers, scientists, and news outlets, many are speculating that our discipline might grow, but in new directions. In fact, there is a National Science Foundation (NSF) sponsored initiative to define and assess environmental engineering education and it appears (in my opinion) that significant changes may be afoot. A NSF sponsored workshop, organized by Dr. Chip Kilduff (Rensselaer Polytechnic Institute), took place in January 2007 at Arizona State University to foster discussion of stakeholders, current and future educational objectives, ABET requirements, and if an environmental engineering body of knowledge (akin to civil engineering) should exist. The workshop included over 60 attendees from government, industry, professional societies

(including ASEE, ASEEP, AAEE, ASCE, and NSPE), and academia (you can learn more about the workshop at <http://www.rpi.edu/~kilduff>). The workshop was productive and we can expect to see much more activity in this area. I personally would like to see our division more involved in this initiative. We all have much at stake and your input is especially important! Please keep this in mind as we plan technical programs for future conferences.

Dave Pines has put together an exciting program for our meeting in Hawaii that includes 24 papers in six technical sessions. If you attend the meeting in Hawaii, please join us at the division business meeting and banquet. The business meeting agenda will include a discussion on how our division can become more involved in the environmental engineering curricula initiatives described above. In addition, we will discuss ideas for new session topics for the next annual meeting. We are especially interested in new topics that might increase the numbers of division papers presented at national meetings. The banquet is an informal gathering that provides opportunities for networking and chatting with colleagues. We also present our annual awards at the banquet.

Thank you for providing me with the opportunity to serve as the Division Chair. I look forward to working with you as our division helps shape new environmental engineering curricula over the next few years.

Sincerely,

Michael Butkus
Associate Professor
Environmental Engineering
USMA, West Point NY



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

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**Honolulu, Hawaii !!
ASEE 2007 Activities**

<u>Environmental Engineering Curricula I</u>	Monday June 25	7:00-8:15 a.m.
<u>1351 Sustainable Engineering</u>	Monday June 25	10:30 a.m.- 12:00 p.m.
<u>1551 Service Learning in Developing Countries</u>	Monday June 25	2:15 p.m.- 4:00 p.m.
<u>2251 Environmental Engineering Curricula II</u>	Tuesday June 26	8:30 a.m.- 10:15 a.m.
<u>2451 Business Meeting</u>	Tuesday June 26	12:30-2:00 p.m.
<u>2651 Environmental Curricula III</u>	Tuesday June 26	2:15 p.m.- 4:00 p.m.
<u>Interdisciplinary Courses and Undergraduate Research</u>	Tuesday June 26	4:30 p.m.- 6:00 p.m.
<u>2751 Environmental Engineering Social/Dinner</u>	Tuesday June 26	6:30 p.m.- 8:00 p.m.

This year our annual Business Meeting will be held on Tuesday June 26 from 12:30 to 2:00 PM. Members are strongly encouraged to attend to provide the Division with enriching feedback for improvements and input for the 2008 conference. Elections will also be held for the Treasurer position.

Division Social: June 26 6:30-8:00 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. **Please inform Dr. David Pines at pines@mail.hartford.edu if you plan on attending.**

The social will be held at Shore Bird Beach Broiler. Dr. Pines will be sending out more information about the Division Social.

BEST PAPER AWARD 2006

" Diversity in Environmental Engineering: The Good and Bad"

Dr. Sharon A. Jones (left in picture) is an Associate Professor of Civil and Environmental engineering at Lafayette College.



Kristen Tull (right in picture) is a graduate student in Public Administration at Duke University, North Carolina.

Dr. Alok Bhandari is an Associate Professor of Civil and Environmental engineering at Kansas State University, Manhattan.



Dr. Timothy LaPara is an Associate Professor of Civil and Environmental engineering at the University of Minnesota, Minneapolis.

Dr. Donna Fennell is an Assistant Professor in the Environmental Sciences Department at Rutgers, The State University of New Jersey, New Brunswick.



Dr. Lee W. Clapp is an Assistant Professor of Environmental Engineering at Texas A&M University at Kingsville.

EARLY CAREER GRANT, 2007

Dr. Ann Brady is the Director of the Scientific & Technical Communication program at Michigan Technological University at Houghton. In addition, Dr. Brady directs the *STC-Arts!* Enterprise program and teaches graduate and undergraduate courses in Professional Writing and Technical Communication. She is the author and co-author of numerous successful grants, the most recent a \$330, 000 NSF partnership. She will present on "Interdisciplinary International Senior Design: How Service Learning Projects In Developing Countries Support ABET Accreditation".

OFFICERS

July 2006 - June 2007

Division Chair: Michael A. Butkus
USMA, West Point NY
Michael.Butkus@usma.edu

Program Chair: David Pines
University of Hartford, CT.
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Secretary: Kevin Bower
The Citadel, Charleston, South Carolina.
kevin.bower@citadel.edu

Treasurer: Angela Bielefeldt
University of Colorado, Boulder
Angela.Bielefeldt@colorado.edu

Please note that the Treasurer position is open for 2007-2008. Please contact Dr. Kevin Bower at kevin.bower@citadel.edu if you are interested. Elections will be held during the Division Business Meeting on June 20, 2007 from 12:30 to 2:00 PM.

Call for Papers 2008

The Environmental Engineering Division invites papers for the 2008 ASEE Annual Conference in Pittsburg, Pennsylvania June 22-28, 2008.

The Environmental Engineering Division of ASEE invites papers for the Annual Meeting to be held in Pittsburg June 22-28, 2008.

The Environmental Engineering Division now requires that presenters publish their papers in the ASEE conference proceedings.

Questions may be addressed to the Environmental Engineering Division 2008 Program Chair, Dr. Kevin Bower
kevin.bower@citadel.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 2008

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, 2007. Applicant will be un-tenured as of August 30, 2007. 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 for 2008 (Kevin Bower) at kevin.bower@citadel.edu

Meritorious Service Award

Members of the ASEE Environmental Engineering Division who, in the opinion of the reviewing officers, have performed activities or provided services to the Division benefiting the Division and deserving of special recognition are eligible for this award. For example, a member who provides sustained active contributions of major tasks over many years might be eligible for this award. The current Division Chair and Program Chair are ineligible to receive this award. Nominations should document these contributions. A call for nominations will be published in electronic and/or other publications for the Division. Nominations may be submitted to the Division Chair by letter, fax, or email, with a deadline of March 1st of the year in which the award is to be presented. The division officers will receive nominations and select an award winner.