



Association Of
Environmental
Engineering
Professors

NEWSLETTER

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PRESIDENT'S CORNER

My year as president is about to conclude. It has been a most pleasant and memorable experience. Thank you for giving me the opportunity to serve you in this manner.

Let me extend my gratitude to my fellow Board members, the committee chairpersons, and all the committee members for their help and support. I also wish to thank all the members at large for their dedicated service to our profession. AEEP is a strong and viable organization principally because of its dedicated members.

Each year certain of AEEP's members serve the organization in an exemplary manner. This year, Dave Hendrick's (Colorado State University) service in preparing a manuscript detailing AEEP's 25 year history is especially noteworthy. Those of you who have received and read a copy of the history know of what I speak. Dave, I feel confident that all AEEP members join me in thanking you for your outstanding efforts.

Another AEEP member whose dedicated service is to be recognized is Greg Boardman (VPI) who has served as editor of the AEEP Newsletter for a number of years, and is retiring with this issue. Greg has performed superbly in this capacity. Thanks for your efforts Greg. Anyone interested in replacing Greg as newsletter editor should contact either me or Bill Knocke (VPI).

At its May meeting, the AEEP Board reached decisions on the next education conference. The conference scheduled for the Summer of 1991 will focus on "Environmental Engineering for the Year 2000". Ken Williamson of Oregon State University will serve as the conference organizer and host. Please make plans now to attend this conference.

Ricardo Jacquez, AEEP's liaison on Latin American initiatives, and I will be attending the second annual Pan American Meeting of Sanitary and Environmental Engineering Professors to be held in San Juan, Puerto Rico on 7-8 September. This meeting is

sponsored by PAHO, WHO, AIDES and AEEP for the purpose of exploring ways in which effective collaboration can be established with our counterparts in Latin America. I'll inform you of the outcome of that meeting.

Early in June I wrote the directors of all the environmental engineering programs across the U.S. regarding the recommended practice for making graduate assistantship offers and the timing of acceptances. Because the response to my memo indicated that the recommended practice is not broadly known and since this is an important issue in the view of the AEEP Board, I will share this information with all AEEP members. For several decades the Council of Graduate Schools has encouraged all graduate programs at its member universities--which includes virtually all AEEP member universities--to give prospective students until April 15 to make decisions regarding acceptance of an offer. Also, students having accepted an offer and wishing to accept another after April 15 are expected to obtain a written release from the first institution before accepting an alternate offer. Similarly, institutions making offers after April 15 are expected to require the prospective student to present a written release from any previously accepted offer. The Council of Graduate Schools formally adopted this long-standing recommended practice in a resolution more than two years ago. The AEEP Board considered this resolution at its May meeting, and unanimously endorsed it. Out of a sense of fairness to prospective students, consequently, the Board encourages all AEEP member programs to support the spirit and intent of this resolution giving students an opportunity to thoroughly investigate all graduate school opportunities before being compelled to make a decision on an assistantship offer.

The U.S. Congress presently is considering a bill entitled the *National Environmental Education Act* (S.1076 & H.R.3684). The primary objective of this bill is to provide for a program to train educational professionals in the development and delivery of envi-

ronmental education and training programs and studies. The ultimate goal is to bring the citizenry of the United States to a higher level of environmental consciousness and sensitivity. While it is extremely important that this goal is achieved, the Act falls short in the sense that it fails to provide for the education of the environmental professionals required to provide scientific and technical solutions to environmental problems that the nation's populace will increasingly demand on account of an ever increasing level of environmental sensitivity. In my view it is important that both objectives are achieved through the Act. Failure to do so will result in a high level of environmental frustration and tension caused by a populace demanding a clean environment and a professional human resource infrastructure unable to respond. I believe that EPA should be actively involved in encouraging the education of environmental professionals, perhaps by reinstating the fellowships and training grants program that was active during the 60's and 70's.

Should you agree with me, I encourage you to write your congressman to this effect.

AEEP's annual luncheon and meeting will be held on Monday, October 8 in conjunction with the 1990 Conference of the Water Pollution Control Federation. The luncheon will begin at 12 noon in the Renaissance Ballroom, West Salon B of the Ramada Renaissance Hotel. All AEEP members are cordially invited to attend this luncheon. Please make your reservations with Bruce Rittmann of the University of Illinois at your earliest opportunity.

AEEP will also host a Meet and Greet Reception from 5:00 to 7:00 PM later the same day. This reception also will be held in the Renaissance Ballroom, West Salon B. The entire AEEP Board joins me in looking forward to seeing many of you at both functions.

Tom Keinath
President

AEEP NEWS AND ANNOUNCEMENTS

AWWA Academic Achievement

The American Water Works Association gives academic Achievement Awards annually to the MS theses and PhD dissertations judged to have the most significant value to the water supply industry. The awards consist of checks for \$1000 and \$500 for the first and second students in each category, respectively, and plaques for the students and their major professors.

The winners of the 1990 Academic Achievement Awards were:

DOCTORAL DISSERTATIONS:

FIRST PLACE: Jacques Manem - U. of Illinois, under the direction of **Dr. Bruce E. Rittmann**; Title: "Interactions Between Heterotrophic and Autotrophic Bacteria in Fixed-Film Biological Processes Used in Drinking Water Treatment".

SECOND PLACE: James P. Malley, Jr. - U. of Massachusetts, under the direction of **Dr. James K. Edzwald**; Title: "A Fundamental Study of Dissolved Air Flotation for the Treatment of Low Turbidity Waters Containing Natural Organic Matter".

MASTER'S THESES

FIRST PLACE: James M. Fenstermacher, Jr. - U. of New Hampshire, under the direction of **Dr. M. Robin Collins**; Title: "Modifications to Slow-Rate Filtration to Improve Removal of Trihalomethane Precursors".

SECOND PLACE: Xiaoxin Men - Pennsylvania State U., under the direction of **Dr. Brian A. Dempsey**; Title: "Production, Characterization, and Application of Polyaluminum Sulfate (PAS)".

The deadline for entries for the next competition (for theses completed between 9/1/89 and 9/1/90) is October 1, 1990. Entry forms and additional information can be obtained by calling AWWA headquarters at 303-794-7711.

AEEP Annual Luncheon, Meeting and Reception

AEEP's Annual Luncheon and Meeting will be held on Monday, October 8 in conjunction with the 1990 Conference of the Water Pollution Control Federation. The Luncheon will occur from 12 noon until approximately 1:30 PM in the Renaissance Ballroom, West Salon B of the Ramada Renaissance Hotel. The Ramada Renaissance Hotel is located directly across 9th Street from the Washington, D.C. Convention Center.

You must make a reservation for the Luncheon. To do so, complete the following form and return it to:

Professor Bruce E. Rittmann
3224 Newmark Civil Engineering Lab.
U. of Illinois at Urbana-Champaign
205 North Mathews Avenue
Urbana, IL 61801.

RESERVATION FORM AEEP ANNUAL BANQUET AND MEETING

Name _____

Address _____

Your Luncheon reservation must be received by September 21, 1990. The cost of the Luncheon is \$20. You are encouraged to pay by check when you return your reservation form. Payments made in advance greatly reduce the delays and confusion at the door. Checks should be made payable to AEEP.

AEEP also will sponsor a Meet and Greet Reception at 5:00-7:00 PM on Monday, October 8. The location is the same as for the Luncheon--Renaissance Ball-

room, West Salon B. No reservations are required for the Meet and Greet.

Deadline for December 1990 Newsletter

Please submit articles for the December issue of the AEEP Newsletter to the Editor, G. D. Boardman, by November 1, 1990.

GENERAL NEWS

Call For Papers — AWWA Universities Forum

Abstracts are now being solicited for papers to be presented at the 20th Annual Universities Forum at the American Water Works Association Annual Conference to be held in Philadelphia, June 23-27, 1991. Student presenters/authors are being sought at all university levels. Papers must be based upon work completed by a student during the 1989-90 or 1990-91 academic year.

Papers should be related to public water supply including treatment, quality control, distribution systems, and resource development and management. Seven copies of an abstract not to exceed 5 total pages -- no more than 2 pages of text, no more than 2 pages of figures and tables, and a completed abstract information sheet (available from AWWA) -- should be submitted by December 15, 1990 to:

Universities Forum
AWWA
6666 W. Quincy Avenue
Denver, CO 80235

The 1990 Abel Wolman Doctoral Fellowship

The recipient of AWWA's 1990 Abel Wolman Doctoral Fellowship was **Margaret Carter**, a doctoral student at the University of Michigan. Her research, under the direction of Dr. **Walter J. Weber, Jr.**, is focused on the design of activated carbon adsorbers for the removal of synthetic organic chemicals (SOCs) with a special emphasis on the impact of background organic matter.

The Abel Wolman Doctoral Fellowship was established to honor the late Professor Abel Wolman by encouraging promising students from countries with AWWA sections to pursue advanced training and research in the field of water supply and treatment. Ms. Carter is the sixth student to receive the fellowship; the first three recipients, Drs. John Tobiason,

William Ball, and James Malley, are now environmental engineering professors at the U. of Massachusetts, Duke University, and the U. of New Hampshire, respectively. The fellowship provides up to \$15,000 per year in support for up to two years. Application forms may be obtained from AWWA by calling (303) 794-7711.

The Larson Aquatic Research Support (LARS) Scholarships

The LARS scholarships program was established in 1988 to honor the memory of Dr. Thurston E. (Lars) Larson, a water chemist and researcher who, in his 44-year career with the Illinois State Water Survey, made numerous scientific contributions in areas such as corrosion control, treatment and distribution of domestic and industrial water supplies, aquatic chemistry, analytical chemistry, and environmental chemistry. The scholarships, which provide \$5,000 in support for PhD students and \$3,000 for MS students, are awarded based on the applicant's academic excellence and potential to provide leadership in one of the fields served by Dr. Larson. The recipients of the 1990 awards were **Mark Schlautman**, a PhD candidate at the California Institute of Technology, and **Kevin Gardner**, an MS student at Clarkson University. Mark is studying the role of colloidal particles in the partitioning and transport of organic contaminants in aquifers. Kevin is investigating the impact of industrial leachates on groundwater quality.

The Holly A. Cornell Scholarship

The Holly A. Cornell Scholarship was established this year by AWWA and CH2M-Hill to honor Cornell. The \$5,000 scholarship will be awarded each year to the most outstanding female of minority U.S. applicants pursuing an MS degree in Environmental Engineering. The recipient of the inaugural (1990) scholarship was **Kathryn Lee Mallon**, a graduate student at the U. of North Carolina, Chapel Hill. Kathryn is studying microbial activity on GAC under the direction of Dr. **Francis DiGiano** and hopes to someday use the skills to assist developing countries.

