

the news



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PHILADELPHIA SECTION
AMERICAN SOCIETY OF CIVIL ENGINEERS
P. O. Box 58186, Philadelphia, PA 19102-8186

Vol. 64-4

Our 78th Year

February, 1992

FEBRUARY JOINT DINNER MEETING

Philadelphia Section, American Society of Civil Engineers
South Jersey Branch, New Jersey Section, American Society of Civil Engineers

THURSDAY, FEBRUARY 20th, 1992

Location: HARBOR LEAGUE CLUB, 800 Hudson Square, Camden, NJ
(See Location Map Below)

Cocktails - 5:30 pm Dinner - 6:30 pm PROMPTLY Meeting - 7:30 pm

SUBJECT: THE FUTURE OF CIVIL ENGINEERING

SPEAKER: C.R. "Chuck" Pennoni, President, Pennoni Associates, Inc., Consulting Engineers; National President, American Society of Civil Engineers

Certain trends in engineering practice have signalled that civil engineers will not occupy leadership roles in government or private industry in years to come. For example, State governors are increasingly appointing non-engineers to head State Transportation Agencies; and the same can be said of mayors in appointing heads of City Departments of Public Works. In addition, the position of President and other officers in traditional civil engineering firms are being filled by chemists, accountants, lawyers and political scientists.

If this trend continues, is there a future for civil engineering...?

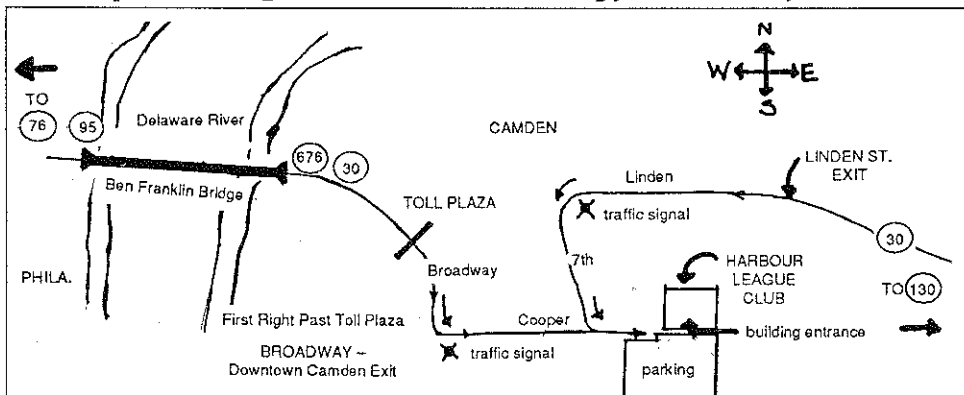
Chuck Pennoni was installed as National President of ASCE at the Society's Annual Convention in Orlando, Florida last October. A full account of the inauguration and a detailed biography of Mr. Pennoni was published in the January, 1992 issue of THE NEWS.

SPECIAL EVENTS: "Past President's Celebration" and Presentation of Life Membership Certificates

SPECIAL FEATURE: TEMPLE UNIVERSITY NIGHT

The ASCE Student Chapter, Alumni and Faculty of the Department of Civil Engineering, College of Engineering, Computer Sciences & Architecture of Temple University will be honored at this meeting. All students, alumni and faculty are cordially invited to attend.

**See Page 2 for Phila. Section March Meeting
Spouse Night Cruise • Sunday, March 22, 1992**



LOCATION MAP for Harbor League Club, Camden, NJ

**PLEASE FILL OUT AND RETURN RESERVATION COUPON
AS DIRECTED ON PAGE 2 - FOR THE FEBRUARY 20, 1992 MEETING.**

TECHNICAL GROUP ACTIVITIES Geotechnical and Environmental/Water Resources Groups

(Combined program for 1991-1992)
February Meeting

Date: Tuesday, February 18, 1992 - 7:00 p.m.
Location: Hill Seminar Room, Le Bow Engineering Center, Drexel University, 31st & Market Streets, Philadelphia, PA

SPEAKER: Michael J. Rykaczewski, PE and Robb S. Davis, Dames & Moore, Willow Grove, PA

SUBJECT: Remedial Action at a Hazardous Waste Landfill

This presentation will include a case history involving the remediation of a 7-acre hazardous waste landfill. Remediation of the landfill was mandated under CERCLA.

The remedial action conducted included a drum removal interim remedial measure, design and installation of a groundwater pump/treat system, soil vacuum extraction of soil "hot spot" areas and excavation/disposal of landfill material.

For further information, please contact: Dr. J.P. Martin, Chairman, Geotechnical Group, Dept. of Civil & Arch. Engineering, Drexel University, Philadelphia, PA 19104, (215) 895-2363 or Mr. Raymond E. Lees, Chairman, Environmental/Water Resources Group, Groundwater Technology, Inc., 223 Wilmington West Chester Pike, Chadds Ford, PA 19317, (215) 558-1730.

Structural Group 1992 Meeting/Program Schedule

All programs will be held in the Hill Seminar room, 2nd floor of the Lebow Engineering Center, Drexel University, 31st and Market Streets. Programs will begin at 7:00 pm. Refreshments will be provided. Please make reservations with David A. VanOcker, Chairman, Structural Group, c/o Christakis + Kachele, (215) 352-7676.

January Meeting

Date: Thursday, January 23, 1992

SPEAKER: Henry Clark, Ross Bryan Associates, Inc.

(Continued on Page 2)

**RESERVATION FORM FOR PHILADELPHIA SECTION ASCE FEBRUARY DINNER MEETING
THURSDAY, FEBRUARY 20th, 1992 - HARBOR LEAGUE CLUB, CAMDEN, NJ**

Please reserve _____ dinner(s) at \$23.00 each. Check enclosed \$_____.

Students - \$12.00 (Group reservations by Faculty Advisors. You are welcome to attend all Section Meetings after Dinner, at no charge.

Name _____

Address _____

Phone _____

Please return with payment to: ASCE, P.O. Box 58186, Philadelphia, PA 19102-8186

Reservations must be postmarked no later than February 18, 1992.

Tickets will be issued at the door.

**RESERVE A TABLE FOR A GROUP OF
EIGHT OR MORE!**

**IMPORTANT: Dinner Reservations
for ALL Section Meetings Are Essential.
Please mail in Your Reservation
Coupon As Directed.**

**ASCE
FIRST ANNUAL SPOUSE NIGHT**

Bring the entire family and let us cruise
down the Delaware River on LIBERTY BELLE II.

Sunday, March 22, 1992 3:00 - 7:00 pm

Sit Down Dinner • Music • Cash Bar

Send for your tickets today! \$30/person

Make checks payable to:

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P.O. Box 58186, Philadelphia, PA 19102-8186



DINNER RESERVATION FOR SPOUSE NIGHT CRUISE - MARCH 22, 1992

Name _____ No. of Tickets _____

Dinner Choice (indicate how many of each): _____ Beef or _____ Fish

**PLEASE SEND RESERVATION COUPON AND YOUR
CHECK AS SOON AS POSSIBLE.**

Technical Group Activities

(Continued from Page 1)

SUBJECT: Rehabilitation of the Former Reading Train Shed Structure, and Overview of the New Pennsylvania Convention Center project.

March Meetings

Date: **Tuesday, March 10, 1992** (Note change in date as previously announced)

SPEAKER: **Udom Hungspruke**, Thornton-Tomasetti Engineers

SUBJECT: **Vertical Expansion of Historic Buildings, Including Highlights on the Bellevue Stratford Conversion.**

Date: **Thursday, March 19, 1992**

SPEAKER: **David Chou**, Bernard Schwartz & Assoc.

SUBJECT: **New Stadium Sports Complex in South Philadelphia.**

April Meeting

Date: **Thursday, April 16, 1992**

SPEAKER: **Robert Griffith**, STV Engineers

SUBJECT: **Structural Innovations on the Westinghouse Trash to Steam Plant, Chester, PA**

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**COPY DEADLINE FOR
MARCH 1992 ISSUE
FEBRUARY 20, 1992**

PHILADELPHIA SECTION ASCE ANNUAL CIVIL ENGINEERING AWARDS

1992

The Philadelphia Section takes pleasure in announcing the Annual Civil Engineering Awards. These awards are to recognize local members for their contributions to the Civil Engineering field. If you wish to nominate someone, please read the rules and criteria and then fill out the nomination form.

ALL AWARDS WILL BE PRESENTED AT THE MAY 16, 1992 ANNUAL DINNER DANCE at Catalina Restaurant, 20th & Hamilton Streets, Philadelphia, PA

R U L E S

Nominations must be received prior to 3 p.m., **February 28, 1992**.
(If time extension or information are necessary, contact
Bob Wright (215) 686-5538).

Individuals may be nominated for awards by a member in any grade of membership.

Individuals may be awarded only one award in a single year.

Individuals may be nominated for more than one award.

Award recipients must be approved by the Board of Directors.

All awards are presented only in years, where in the judgment of the Selection Committee, or the Board, there is at least one suitable candidate.

The Selection Committee will be required to nominate an alternate for Board consideration for each award.

Each Selection Committee will also recommend to the Board of Directors whether the recipient should be nominated for applicable national or regional awards by the Section.

Philadelphia Civil Engineer of the Year

The section's highest award is presented to an individual who is judged to have contributed substantially to the civil engineering profession.

CRITERIA:

—Membership Grade - Member, Fellow, Life or Honorary

—Member in good standing of the Philadelphia Section

RECIPIENT ALSO CONSIDERED FOR:

1. Delaware Valley Engineer of the Year
2. Edmund Friedman Professional Recognition Award

Philadelphia Young Civil Engineer of the Year

This award is presented to a young civil engineer who is judged to have contributed to the civil engineering profession.

CRITERIA:

—Membership Grade - Associate or Student

—Member in good standing of the Philadelphia Section or member of a student chapter assigned to the Philadelphia Section.

—Must be 32 years of age or younger on Feb. 1 of the award year

RECIPIENT ALSO CONSIDERED FOR:

1. Edmund Friedman Professional Recognition Award

Philadelphia Government Engineer of the Year

This award is presented to an individual who is employed by the Federal Government, a State Government, a Municipal Government or a public authority that has contributed substantially to the civil engineering profession.

CRITERIA:

—Membership Grade - Member, Life, Honorary or eligible for membership

—Assigned to the Philadelphia Section or employed or residing within the Philadelphia Section boundaries.

RECIPIENT ALSO CONSIDERED FOR:

1. Zone I Government Engineer of the Year
2. Civil Government Award

A W A R D S

Philadelphia Young Government Engineer of the Year

This award is presented to a younger member who is employed by the Federal, a State or a Municipal Government or a public authority that has contributed to the civil engineering profession.

CRITERIA:

—Membership Grade - Associate member or eligible for membership.

—Member in good standing of the Philadelphia Section or employed within the Philadelphia Section boundaries.

RECIPIENT ALSO CONSIDERED FOR:

1. Zone I Young Government Engineer of the Year

Government Service Award

Presented to an elected or appointed governmental official who has contributed substantially to the status of the civil engineering profession by their public service.

CRITERIA:

—Holds office in a jurisdiction which represents a geographical including an area which corresponds to the boundaries of the Philadelphia Section. This would include the President, a U.S. Senator from Pennsylvania, Congressman, Mayor, Commissioner, etc.

RECIPIENT ALSO CONSIDERED FOR:

—Civil Government Award

Individual Technical Awards

The following awards have the same criteria. Each award is presented to an individual who is judged to have contributed substantially to civil engineering and in the area of the particular award.

- Civil Engineering Manager of the Year
- Geotechnical Engineer of the Year
- Structural Engineer of the Year
- Construction Engineer of the Year
- Transportation Engineer of the Year
- Water Resources Engineer of the Year

(over)

CRITERIA:

- Membership in any grade
- Member of the Philadelphia Section

RECIPIENT ALSO CONSIDERED FOR:

- Technical Groups will be responsible for nominating winners for appropriate national award.

Educator of the Year

This award is presented to an outstanding educator in the field of civil engineering, who has contributed substantially to the field.

CRITERIA:

- Membership Grade — Higher than student
- Member of the Philadelphia Section
- Must be a staff member of a college or university with an ASCE student club chapter.

Philadelphia History and Heritage Award

Presented to an individual whose efforts have made contributions to better the knowledge of, or appreciation of, the history and heritage of civil engineering.

CRITERIA:

- Must reside within the geographical boundaries of the Philadelphia Section or be a member of the Philadelphia Section.

RECIPIENT ALSO CONSIDERED FOR:

- Civil Engineering History and Heritage Award

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— NOMINATION FORM —

IF YOU DESIRE TO MAKE NOMINATIONS FOR MORE THAN ONE PERSON, PLEASE PHOTOCOPY THIS FORM.

Name of Candidate _____

Address _____ Phone _____

Job Title _____

Work Location _____

Membership:

- ASCE Yes No
- Phila. Section Yes No
- Age (if applicable) _____

Registration Information:

Award(s) Nominated to: Check one (or more if applicable)

- Philadelphia Civil Engineer of the Year
- Philadelphia Young Civil Engineer of the Year
- Philadelphia Government Engineer of the Year
- Philadelphia Young Government Engineer of the Year
- Government Service Award
- Educator of the Year
- Philadelphia History and Heritage Award

Individual Technical Awards:

- Civil Engineering Manager of the Year
- Geotechnical Engineer of the Year
- Structural Engineer of the Year
- Construction Engineer of the Year
- Transportation Engineer of the Year
- Water Resources Engineer of the Year

Academic Degrees:

Other Professional Societies:

Civic or Charitable Activities:

Continuing Education:

Other Awards or Honors:

Nominated by:

Name _____
Member I.D. (See Newsletter label) _____
Address _____
Telephone Number _____

Achievements: In 200 words or less, that supports the candidate's nomination, please use separate sheet.

Submit to: Awards; ASCE; P.O. Box 58186; Philadelphia, PA 19102-8186

JANUARY JOINT MEETING

January 8, 1992

Holiday Inn, King of Prussia

The Education Revolution

By Frank Russo, Staff Writer

The bells of the new year were just beginning to grow silent when the ASCE Philadelphia Section and Reading Branch, along with the Delaware Valley Section of the American Society of Highway Engineers (ASHE) enjoyed a Joint Dinner Meeting January 8, 1992.

Co-chaired by Phila. Section President **Moustafa Gouda** and ASHE President **Phil Mandato**, the meeting was held at the Holiday Inn in King of Prussia and hopefully will be the beginning of a new ASCE tradition, "Leadership Night." Leadership Night is a gathering of not only the members of ASCE but also an invitation to the other professional organizations in the Delaware Valley to become involved in engineering interaction. We were fortunate to have not only a joint host for this meeting in ASHE, but also attendance by members of the Society of Women Engineers (SWE), the American Public Works Association (APWA), and the Institute for Electrical and Electronic Engineers (IEEE).

The turnout for this meeting was impressive, due in part to the large number of organizations represented, but also because the meeting was fortunate to have a very dynamic speaker present with an equally current and important topic.

Mark Z. Hanlon, P.E., President of BCM Engineers, and the 1991 Delaware Valley Engineer of the Year, addressed the January Dinner Meeting about a problem that not only threatens the Engineering Community but also affects the well being of an entire nation. The subject was "Education," a topic seemingly removed from the day-to-day activities of engineers, but upon closer inspection, pivotal to our survival as a profession.

The Problem Explored

Mr. Hanlon began his presentation and slide show with an exploration of the problem. It was shown that America's students are fairing poorly in comparison to students from other industrialized nations, apparently are not as ready for college as they once were, and are increasingly difficult to employ because of a lack of knowledge and usable skills. In addition, many of this nation's cities are faced with many other serious problems in their education systems, including high dropout rates, drugs, violence, and teacher apathy. Any one of these problems when examined on its own warrants a cause for concern but when confronted collectively, as they usually are, spawn a recipe for disaster. This is not only a problem for politicians and educational researcher, but for parents and concerned citizens as well. So, if America's school system as an aggregate sum is so poor, what can be done to alleviate the problem?

President George Bush and other members of the Washington "brain trust" have outlined a set of National Education Goals to be met by the year 2000. Chief among these goals is to have American students lead the world in Math and Science performance by the year 2000, coupled with adult literacy programs and general college preparedness among high school students.

Though lofty in their aspirations, many school districts have decided that these are goals worth seeking and have begun massive programs to help implement these changes. However, no two have approached it in exactly the same way.

Reform Methods

Many of our urban centers have begun to address these problems. The leaders among the reform method are not those cities who necessarily have the money to spend in order to become better, but those cities who must improve or else lay waste to a collapsing economy as a result of an inadequate and undisciplined workforce. This includes places like Chicago, Philadelphia, Detroit, Milwaukee, New York and the entire states of California, Kansas and Kentucky.

Milwaukee has adopted as a pilot program, a form of the choice system just rejected in the State of Pennsylvania. The pilot program which encompasses 1100 kids, provides \$2500 vouchers to families so that they may select a non-sectarian school for their children to attend. For every student who elects to choose a school other than the one he or she should be attending, that money is deducted from the budget of the Milwaukee School District. The program is still young and the jury is out on whether it will succeed but certainly a large step has been taken.

Another example of school reform is Chicago. The entire school system of Chicago has decided to decentralize, putting the power to run the schools in the hands of community based organizations, most of which have no experience in running a school system. But, this is not Chicago's only means of reform. Private industry is playing a key role in reformation, as is the case in the Longdale Section.

Chicago's Longdale Section, which is notoriously crime infested and houses a large minority population, has made great strides in improving its students' performance. Students are assigned to a school by a lottery system, the teachers are responsible to the principal and parents as a businessperson would be responsible to the shareholders. Students attend 12 hours a day and 11 months a year, and the attendance rate is in excess of 95%.

While the wave of "tear the school system apart" seems to have struck Chicago, the wave of "build it all anew" has certainly passed through Kansas City, Missouri.

Kansas City has taken a radically different approach from decentralization. Instead of relying on the community to support and run the schools, Kansas City has decided to recentralize their schools and dump enormous sums of cash into the system. They feel that the best way to produce a better product is to inject better ingredients and use better equipment. They have decided to reconstruct their schools at a cost of approximately \$36 million per school to try and attract the best students away from the private schools. A typical Kansas City high school now consists not only of classrooms and other essential facilities but also includes indoor pools, an art gallery

Frank Russo Joins Staff of THE NEWS

THE NEWS is pleased to announce the addition of **Frank Russo** as Staff Writer.

Frank Russo, completing his senior year at Temple University, is President of the ASCE Student Chapter. He is also active in ACI activities at Temple. He was recently granted the Samuel S. Baxter Scholarship by APWA for contributions to the profession, and has been named to "Who's Who in American Colleges and Universities." Frank defines his goals as those which aim toward the betterment of society. "The practicing Civil Engineer is neither Scientist nor mathematician, but rather an individual with a base of knowledge in the sciences, and a strong background in communications. Our profession deals directly with the public, and is therefore a servant to them." This is his credo, and we welcome him aboard.

and approximately \$5 million in computer hardware and software.

Milwaukee, Chicago, Kansas City - all have initiated radically different approaches to education but with the common goal of increasing the potential of today's students. But for us engineers, what does this mean, and what can we do?

The BCM Enterprise

It means a declining base of qualified students for Engineering School unless something is done AT THE EARLIEST LEVELS to ensure adequate math, science and last but certainly not least, communications training. The answer to what we can do can be found in what Mr. Hanlon's company, BCM Engineers, has already put into practice.

BCM recognized a need to help education students at a lower level so that they would always have a strong technical background regardless of career choice. The firm helped assure that this education would be fruitful by using its own resources in the form of establishing a mentor program at Germantown High School and Abington High School where BCM engineers, technicians and draftsmen would routinely meet with math and science teachers in order to plan and help instruct their curricula. BCM was also instrumental in assisting the Engineers' Week Committee prepare its "Engineering Education" pamphlet whereby the Engineering Societies in the region were able to list what services they could provide to educational institutions, in order to advance the profession.

BCM and the Engineers' Week Committee have taken the first small but important steps to help integrate the profession with the very educational system it relies on. Hopefully, your help will not be far behind.

Question and Answer Period

A constructive and enlightening discussion between members of the audience and our distinguished speaker followed the formal address. Mr. Hanlon responded forthrightly to the questions and comments from several individuals.

Mr. Hanlon is to be highly commended for an outstanding presentation.

YOUNGER MEMBER FORUM MEETS

The Younger Member Forum held an informal pizza and beer get-together Wednesday, December 11, at the *Pizzeria Uno* in King of Prussia. The meeting provided an opportunity for the Section's Younger Members to get to know each other and express their thoughts on the group's focus and direction. Matters discussed ranged from engineering education and technical talk to frequency of meetings.

Engineering education was easily the most intensely debated subject with all in attendance agreeing that the Younger Member Forum would take the lead in spreading the word about civil engineering to high school students. Further, it was agreed that college students need encouragement to continue their studies and to get a sense of what they will do in the "real world". To this end, the Forum will establish a program to visit local high schools and colleges to talk to students.

Another informal get-together is being planned as well as dinner meeting and talk regarding technical and administrative paths open to developing engineers. Check your mail for further details, or contact Rich Markwith, Younger Member Forum President, at Fredric R. Harris, Inc., 260 S. Broad St., Suite 720, Phila., PA 19102, (215) 735-0832.



ADVERTISEMENT FOR CIVIL ENGINEER

The City of Coatesville Authority (a water and sewer authority) is seeking a Sanitary/Civil Engineer with a BS/MS and five plus years of experience in water and wastewater treatment and distribution for the position of Operations Director. Responsibilities include oversight of two water treatment plants with a superintendent and a chief operator; oversight of the distribution system with a superintendent; review of development plans; preparation of plans and specifications for minor system and equipment improvements; work with consulting engineer on larger projects. CCA has 7,200 individual customers and four bulk sale customers with approximately twenty-five miles of coverage area in fifteen municipalities. The candidate must demonstrate a superior technical and supervisory background with strong written and oral communication skills and a successful track record with DER and public/private clients.

CCA has an excellent benefit package including paid health, eye, dental and disability insurances, vacations, sick leave, etc. Salary up to \$45,000 depending on qualification and experience. Send complete resume including salary history and references to Mr. Wayne G. "Ted" Reed, Executive Director, P.O. Box 791, Coatesville, PA 19320 by February 25, 1992. CCA is an equal opportunity employer.

SPECIALTY CERTIFICATION WHAT IS IT?

By Paul R. Munger, P.E., F.ASCE;
Chairman, TCSCE
(Task Committee on Specialty Certification for Civil Engineers)

It is impossible to recall the last time any subject raised as much controversy or generated as much discussion as the subject of specialty certification. Unquestionably, much of the confusion is the result of a misunderstanding of what specialty certification is and what the objectives of it are. It is not registration and it is not accreditation in the sense that we associate these terms with professional licensure of engineers or the blessing that is placed on many academic programs in the country by the Accreditation Board for Engineering and Technology. It is a different concept that should not be confused with certification of elementary and secondary school teachers.

The most familiar and oldest certification program of professionals is the one in the medical profession. Many practicing physicians today are certified in fields of expertise by specialty boards, such as cardiologists and surgeons. The significance of these certifications is that peers in the specialty areas of practice have attested to the fact that certain individuals have acquired established minimum levels of competency. Such designations permit greater accessibility to medical expertise by the users of medical specialists, the public. Even the family physician, analogous to the general practitioner in engineering, is recognized as a specialist. Certification by one's peers establishes a minimum standard of quality and a minimum standard of knowledge, skills and ability, which coupled with practical experience, indicates to the client that an individual has acknowledged credentials and qualifications.

A learned profession has often been described as one that requires of its membership some type of ongoing program that mandates professional development. Certification provides that opportunity to the ASCE member by the very nature of the process. Certification would not be granted to someone without first obtaining a P.E. license from a state registration body. After additional experience (4-8 years), a person could apply for certification in a specialty area. If approved, the person would then be required to pass a written examination, and perhaps, an oral exam. Once certification is granted, it would have to be renewed every 3-5 years. This would require demonstration of a maintenance program designed to ensure continuation and improvement of minimum competency and thus quality of credentials and require an examination. This program would benefit the individual in meeting Fundamental Canon 7 of the ASCE Code of Ethics which states, "Engineers shall continue their professional development throughout their careers, and shall provide opportunities for the professional development of those engineers under their supervision."

Most importantly, such a program would assist a person in keeping current in an area of practice through continuing education courses, by reading of technical literature, and by attending professional

(Continued on Page 8)

The Civil Engineering Department of Temple University announces CIVIL/SANITARY/STRUCTURAL PROFESSIONAL ENGINEERING WORKSHOPS

Three Civil/Sanitary/Structural Professional Engineering workshops (addressing all 17 specified areas) are now scheduled for Saturdays, 2/29/92, 3/28/92, and 9/26/92, at the Ambler Campus.

\$260.00 is the 2/14/92 or EARLIER REGISTRATION FEE, which includes a free Reference Manual, an early registration bonus for the full program.

The fee for an individual workshop is \$88.00

To obtain additional information, please call (215) 787-7802, or write to Stephen G. Jochum, P.E., Department of Civil Engineering, Temple University (mail stop 084-53), Philadelphia, PA 19122.

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CIVIL ENGINEERING FOR GRADES 1-12

By Prof. Stephen G. Jochum, P.E.

The future clients and practitioners of CIVIL ENGINEERING need to be informed early, reminded frequently and put in direct touch with enthusiastic and effective CIVIL ENGINEERING communicators.

As a professional society, ASCE is not doing its job well unless the general public says "WHO IS THE ENGINEER?" long before they ask about the contractor, the owner, or the architect of a CIVIL ENGINEERING PROJECT. All too often, the order and nature of such questions now indicate false perceptions about who does what.

Can you, the reader, help? I am assuming that many of you, who read this far, are already actively involved in spreading the correct facts about CIVIL ENGINEERING whenever appropriate at formal and informal occasions where adults interact. I am also assuming that some of you (or someone known to you) may be particularly effective in communicating with the younger set. And if these assumptions are correct, YOU, THE READER, CAN DEFINITELY HELP. You can get in touch with me or others within your local ASCE Section and recommend someone or become an ACTIVE PART OF A COORDINATED LONG-RANGE EFFORT aimed at KEEPING THE SPOTLIGHT ON CIVIL ENGINEERING over the next 20 years as a start.

This appeal follows the line of thought expressed in the "LET'S TALK ABOUT CIVIL ENGINEERING CAREERS" item, published in the January 1992 issue of THE NEWS. I promised the editor "this nasty letter" in connection with that prior item's editorial improvements (which I am just starting to appreciate), and the complimentary but incorrect promotions of our college from the actual "College of Engineering, Computer Science and Architecture" to the Temple University College of Civil Engineering (wishful thinking?) and the actual "Professor Stephen G. Jochum, P.E." to Dr. Jochum (also incorrect). My phone number, however, 215/787-7802, was quite correct and can still be used.

Editor's Note: In accepting, with humility, Professor Jochum's admonitions about the errors in the January, 1992 issue article, your editor herewith publicly apologizes to his distinguished colleague!!

PHILADELPHIA SECTION SCHOLARSHIP FUND

The Philadelphia Section, ASCE is pleased to announce the initiation of a Section Scholarship Fund. Two scholarships, each worth \$2,000, will be awarded each year to college students who meet the requirements detailed below. The monies will be paid directly to the college or university.

WHO IS ELIGIBLE? Any student in a Civil Engineering program in one of the six colleges within the Section (Drexel Univ., Univ of Pennsylvania, Swarthmore College, Temple Univ., Villanova Univ., or Widener Univ.) and an Active Member of the ASCE Student Chapter is eligible for the scholarship. The student must be a matriculant in a full-time program and must have completed at least two full years of the program to be considered.

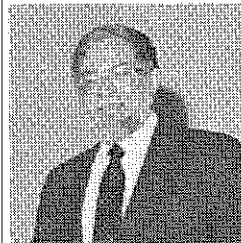
WHAT MUST BE SUBMITTED? The candidate should complete the appropriate application and submit it along with a one-page essay which outlines his/her individual goals, ambitions and future plans in the Civil Engineering profession to the Faculty Advisor of the Student Chapter at his/her college. Other information which should be included are the student's current standing/rank in his/her class and his/her current grade-point average.

Each Student Chapter Faculty Advisor will evaluate all candidates in his/her Chapter and select one candidate for submission to Section Scholarship Committee, along with a separate endorsement letter from the Civil Engineering Department head of the college.

HOW WILL THE RECIPIENTS BE SELECTED? The Section Scholarship Committee will evaluate all nominations and select two awardees. The two scholarship recipients will be cited at the Section's annual Spring Social/Dinner Dance and Awards Night.

WHAT IS THE DEADLINE FOR SUBMISSIONS? All applications should be submitted to Faculty Advisors no later than **March 15, 1992**. Student Chapter nominees should be transmitted by the Faculty Advisor to the Section President by **April 10, 1992**. The Scholarship Committee will determine the recipients by **May 1, 1992**.

NORMAN G. WEINTRAUB



With deep sadness, THE NEWS announces the death, on January 15, 1992 of Norman G. Weintraub, a Past President (1987-1988), Current Director and one of the Philadelphia Section's most distinguished and active members.

"Norm," as he was affectionately called by his family, friends and professional associates, was recovering rapidly from surgery a few days previously, when he was struck suddenly by a fatal heart attack.

Since 1981, after more than 15 years in ascending engineering positions at the Department, he was appointed Chief, Water Conveyance Section, Philadelphia Water Department. In this post, he was responsible for the creation and operation of the 400-person, \$25 million per year organization.

Norm received his B.A. in Applied Science (1967) and B.S. in Civil Engineering at Lehigh University (1968), and his Master's Degree in Civil Engineering at Villanova University in 1972. He was a Registered Professional Engineer in Pennsylvania.

The American Society of Civil Engineers was Norm's closest professional Society affiliation, and he devoted an immeasurable amount of time and efforts toward the accomplishment of its aims and objectives. This dedication was manifested in his insatiable desire to enhance public understanding and appreciation of what Civil Engineers do toward the betterment of the society which they serve.

Norm advanced through the official hierarchy of the Philadelphia Section, ASCE, starting as a Committee Chairman, then Director, Vice President, and he assumed the Presidency in 1987-1988. He graciously accepted nomination and was elected Director for a second time this past year and was serving his 2-year term with his usual vigor and enthusiasm.

In addition to ASCE, Norm Weintraub was a member of the American Water Works (AWWA), where he served in several committees; The Engineers' Week in the Delaware Valley Committee, where he was Chairman, Southeast Pennsylvania Section, 1986-1987 and The American Public Works Association (APWA).

Words cannot express how much his colleagues at the Philadelphia Section, ASCE, his friends and professional associates, will miss Norman Weintraub; but assuredly, his accomplishments have left a legacy which can never be neutralized or erased. The Philadelphia Section is preparing the establishment of a special memorial tribute in Norman's name. Details will be announced in THE NEWS when plans are finalized.

To Norm's devoted wife, Elaine and his sister, Sylvia and her family, the Philadelphia Section, ASCE extends its heartfelt condolences.

(Editor's Note: THE NEWS is indebted to Paula Pasternak, Norm Weintraub's Secretary and devoted aide for many years, for her assistance in gathering the material for the above tribute.)



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IMPORTANT! 1991-1992 MEETING NOTICES

MARK YOUR CALENDAR for the dates of the remaining Philadelphia Section, ASCE monthly meetings and social functions, as follows: (Check each issue of coming editions of THE NEWS for details, possible date and topic changes.)

ALL DINNER MEETINGS

Cocktails - 5:30 pm Dinner - 6:30 pm Meeting - 7:30 pm

STUDENTS: All dinner and/or luncheon charges one-half price. If you prefer, you are welcome to attend all meetings after dinner or luncheon, at no charge.

Sunday, March 22, 1992 - Spouse Night, see page 2 for details.

Wednesday, April 8, 1992 - Dinner Meeting, OFFICERS' CLUB, Phila. Naval Base
Joint Meeting with Society of American Military Engineers (SAME)

Subject: The Meridian Plaza Fire

Speakers: Richard Rowe, Chief Structural Engineer, Kling, Linquist, Architects/Engineers, Phila., PA and David Wismer, P.E., Director, Bureau of Codes, Dept. of L&I, Phila, PA

Saturday Evening, May 16, 1992 - Annual Spring Dinner Dance, Catalina Restaurant, Philadelphia
July, 1992 - PICNIC - Phila./South Jersey Sections Tournament between engineering firms.

Specialty Certification

(Continued from Page 6)

meetings and seminars, each of which would count in the renewal process. Would this program cost money? Yes, in the form of outlay for maintenance of competency, but the dividends would come from greater efficiency, higher quality and higher quality projects delivered in less time, all of which reduce cost. Do not forget, as in medical practice, this program is voluntary, not mandatory. The right to practice is a right of the individual. All certification does is attest to the qualifications of a person. The biggest benefit would be to the profession. Specialty certification would provide the civil engineering professional an opportunity to regain control of itself. Is there any more important reason?



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EMPLOYMENT REGISTRY AVAILABLE

Professional Engineers' Employment Registry (PEER) CAREER TECHNOLOGIES is a society in New England which provides nationwide employment opportunities for engineers (employees and employers). Membership in the society is available to ASCE members who are seeking jobs, or employers who wish to add to staff.

PEER is managed by Career Technology Corporation (CTC) of New Hampshire. Services are offered to individual members who can access the database of the CTC computer, which will match your resume to a position in the computer.

For full information, ASCE members are invited to call PEER at (603) 437-7337.

Editor's Note: Phila. Section members may place "Position Wanted" ads in THE NEWS at no charge.

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