

# the news



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Vol. 75-9

## Our 89th Year

April/May, 2003

### Social Reservation Form

## Stars & Stripes

### Phila. Section ASCE Annual Spring Social Dinner Dance & Awards Presentation

Special Feature — Commemoration of  
Philadelphia Section, ASCE's 90th Anniversary

## Friday May 2 2003

### Sugarloaf Conference Center

9230 Germantown Avenue, Chestnut Hill, Philadelphia, PA  
(See Location Map on Page 12)

Patriotic Attire

6:00 pm Cocktails & Hors d'Oeuvres (Cash Bar)

7:00 pm Dinner • \$40.00 per person

Music for your listening &  
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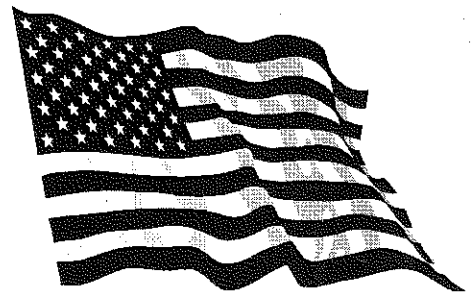
Phone: \_\_\_\_\_

Please reserve \_\_\_\_\_ seats @ \$40.00 per person

Total Amount: \$ \_\_\_\_\_

Tables(s) of ten can be reserved for your party or company.

Make checks payable to "Phila. Section ASCE Spring Social 2003"  
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## God Bless America!

### TECHNICAL GROUP ACTIVITIES

#### Engineering Management Group May Luncheon Meeting

DATE: Friday, May 16, 2003, 12:00 noon

LOCATION: One Parkway Building, 1515 Arch Street (16<sup>th</sup> and Arch Streets), 18<sup>th</sup> Floor, Conference Room 18-022, Philadelphia, PA

SUBJECT: Telecomputing

SPEAKERS: Cecile Charlton, Executive Director, Delaware County Transportation Management Association

PRICE: \$10.00. Students \$5.00.

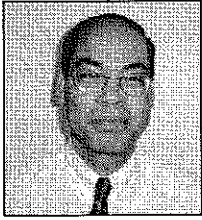
The many pros and cons of telecommuting will be discussed in this presentation. Telecommuting offers many advantages for both employers and employees. There is the opportunity for companies to save time and money. Employees have the opportunity to adjust their job schedules to fit personal needs. Telecommuting is also an important step in reducing traffic congestion on our highways.

For reservations, please contact **Dennis MacBride, P.E.** at (856) 768-7743 or **William Mulloy, P.E.** at (215) 656-6583 no later than **Wednesday, May 14, 2003.**

\*\*\*Please note that a photo ID is needed to enter the building\*\*\*

More Technical Group Activities  
on page 8

Reading Branch Phillies Game  
see page 10



## THE PRESIDENT'S MESSAGE

### Volunteering in Civil Engineering ("Voice")

Dear Fellow Members in ASCE,

It is hard to believe that my term as your President is coming to an end in less than a month from the celebration of the Section's 90th Anniversary celebration and Spring Social on **May 2, 2003**. This is my last President's Message and the last edition of THE NEWS of the season. I hope you liked the new look and improvements we made to the newsletter, including the Section event photographs and more paid advertisements through sponsorships. The sponsorships helped pay the costs of printing, mailing and posting the newsletter in the Section website. I personally thank all the sponsors for supporting the Section. Look for the next edition of the THE NEWS this summer.

**April 10, 2003** was Section Past Presidents' Night. That night I conducted the last Section meeting in the presence of about twenty Section Presidents. I was very happy to see them, especially my former colleague **Bruno Talvacchia**, who flew from Arizona. It was especially nice to see Past Presidents from the '60s, '70's, 80's, 90's and 00's, spanning five decades of Past Presidents. Of all the Presidents who attended, **Sid Robin** (1962-63) was the most senior President. I consider him the most active and dedicated member and President. He has been the Section's newsletter editor for the last 62 years, since 1941. He is like an energizer that keeps working and working and working. On behalf of the Section, I truly appreciate his tremendous help and loyalty in publishing THE NEWS – the communication link between the Section and its general memberships. This is a prime example of volunteering in civil engineering (VOICE).

The Section had the honor and privilege to have a total of twelve Technical Societies for Joint Dinner Meetings. Construction Management Association of America and American Public Works Association were the last two to participate at our Section meeting on April 10, 2003. Future Civil Engineers and leaders from University of Pennsylvania and Widener University were also honored. **Dr. Gary Hack** of the University of Pennsylvania was the featured guest speaker who presented insight of the Libeskind Group's winning entry on the proposed World Trade Center 9-11 Memorial.

Since we changed the venue for the Section and Board meetings to the historic Union League of Philadelphia in Center City, I received from members and officers favorable comments on the move. For these, I thank the staff, especially **Ms. Barbara McLaughlin** of the Union League of Philadelphia for excellent services they provided to us during our events.

I would like to take this opportunity to thank all the Officers, Board of Directors, Committee Chairs and all members for their effort, help and for being supportive of the Section and me. My job could not have been fulfilled without their dedication to the Section and to the Civil Engineering profession. Thank you for listening to my VOICE and following my VOICE.

I urge you to give the incoming **President Allan F. Moore, Jr.** and new Officers the same (if not more) support you have given me over the past year in meeting the Section's goals and programs.

Do not forget to sign up for the Section's 90th Anniversary Celebration and Spring Social. I am looking forward to seeing you there.

Please continue to think VOICE.

Sincerely, Ruben D. David, P.E., President  
Philadelphia Section, ASCE



Section Past Presidents (from left to right) R1: Richard Weggel, John E. Durrant, Robert M. Wright, Kenneth J. Zitomer, Klaus K. Fuelleborn, Sidney Robin, Sandra J. May, William G. Richards, Bruno J. Talvacchia, Chris L. Rood. R2: Ruben D. David, Faruq M.A. Siddiqui, Lawrence M. Moy, William T. Thomsen, William M. Malarkey, Joseph R. Syrnick, Thomas J. Branigan, Frank J. Depman, Ira N. Pierce.

## SECTION WEB SITE!

Our Section's web site has taken on a new look! Check us out at [www.asce-philly.org](http://www.asce-philly.org). Make sure you bookmark this site to check on our latest meetings and events, links and much more! Comments and/or suggestions? Please contact us either via our Electronic Message Hotline at **1-800-461-4190** (24 hours a day) or e-mail at [info@asce-philly.org](mailto:info@asce-philly.org).

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**COPY DEADLINE FOR  
SUMMER 2003 ISSUE  
JULY 15, 2003**

Editorial

**THE DAVID PRESIDENCY —  
PRECISE, THOROUGH, AND  
WITHOUT FANFARE**

The philosophers counsel us that living is a continuous learning experience. Your Editor could not agree more. More than six decades, serving in this position, under the tutelage of competent, learned and capable Presidents of the Philadelphia Section, ASCE, attests to the validity of this counsel. Their leadership of a major branch of one of the most prestigious technological societies in the world has never faltered. Each of the presidencies has contributed unique scopes of technical initiatives and civil and social services to the community.

The Presidency of Philadelphia Section, ASCE **Ruben D. David, P.E.**, which terminates at the May 2, 2003 Dinner Dance and Social at the Sugarloaf Conference Center, Chestnut Hill, PA, has continued this tradition with five stars. Ruben's qualities of leadership came as no accident or surprise. His rise though the official Philadelphia Section ranks bears witness to all his contributions toward the advancement of the Section; first as an Active Member, then in his advancement to the hierarchal posts and ultimately the Presidency. A reading of his biographical resume confirms his leadership qualities. His abilities were manifestly established through his education during his college years at the University of the East in Manila, the Philippines, from 1971 to 1976, where he earned his Bachelor of Science in Civil Engineering (BSCE). His educational pursuits did not stop at that point. From 1977 to the present, he has been engaged in various continuous professional study, including the position of Adjunct Associate Professor, College of Engineering, Temple University, Philadelphia, PA.

Also from 1977 to the present, Ruben has held the distinguished position of Project Director in the City of Philadelphia Capital Program Office, where he has more than 25 years of professional experience in the programming, design and construction management of various capital improvements projects, both small and large, for the Police Department, Fire Department, Prisons, Health Department, Department of Human Services, Free Library of Philadelphia, Veterans Stadium, Transit, Department of Public Property and Capital Program Office of the City of Philadelphia.

Ruben is a Registered Professional Engineer in Pennsylvania (since 1981) and a Notary Public for the Commonwealth (since 1996). He has been recognized in the prestigious publications: "Strathmore's Who's Who Registry of Business Leaders," "Who's Who in Engineering in the Delaware Valley," and "International Who's Who of Professionals."

In addition to the Philadelphia Section, ASCE, Ruben holds memberships in the National Society of Professional Engineers (NSPE); the Pennsylvania Society of Professional Engineers (PSPE); the Delaware Valley Section, American

Society of Highway Engineers (ASHE); the Engineers' Club of Philadelphia (2nd Vice President); and the Delaware Valley Engineers' Week Council. He was honored by the Philadelphia Section, ASCE, 1993 with the award as Government Engineer of the Year.

As if his Professional Societies' affiliations and the vital responsibilities of his job with the City were not enough, Ruben has offered his time and talents as a Judge — Special Olympics of Philadelphia; Judge — the 50th International Science and Engineering Fair; Judge — the Delaware Valley Science Fairs; Judge — Engineers' Week Future City Competition; Environmentalist — Friends of Fairmount Park. In the community he has been active in the Somerton, Philadelphia, Civic Association; the Asian Federation of Pennsylvania; the Police Athletic League of Philadelphia; the Filipino American Community Athletic Association of Philadelphia; and Saint Christopher's Parish Church.

How he has found time to engage in this prolific catalogue of activities strains the comprehension of the average individual. But Ruben is not the average individual. His remarkable performance as President of the Section has proved the qualities of his gifts. In his monthly "President's Messages", he enunciated his objectives through his theme: VOICE" (Volunteering in Civil Engineering). From his first Messages he laid out his plans and objectives. The theme VOICE has pervaded all his initiatives. "...Volunteering your time," he said, "will help in promoting the needed recognition, exposure, visibility and publicity of our profession and what we do as Civil Engineers..."

He developed that theme by listing the goals: attending Section Meetings and recruiting new members; serving on Committees and joining Technical Groups; sponsorship of meetings; award nominations; taking part in the Section's community activities (such as Habitat for Humanity); networking with fellow members and encouraging employer support; ASCE Student Chapter support. Significant, too, are participation in political and decision-making processes affecting the Civil Engineering profession; promoting the profession among the public and the media; and mentoring students, beginning in middle schools.

Through every monthly President's Message, from his first in the Summer 2002 issue of THE NEWS, to the concluding one appearing on Page 2 of this issue, the VOICE theme has been asserted and relentlessly pursued. From the beginning, President David has worked cooperatively with the Section's Board of Directors and Technical Groups in formulating meeting programs. As he developed all of his initiatives, Ruben vigorously enlisted the input of all Section members and affiliates, in addition to the Board and Technical Groups; the dynamic Younger Member Forum and special committees, which have been traditionally established on an Ad Hoc basis. Our monthly meetings of the Section and other Societies illustrated the gratifying fulfillment of these efforts. Greatly improved attendance at meetings

(Continued on Page 4)

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**ASCE PHILA. SECTION MEMBERS**

Are you interested in receiving the DVGI monthly newsletter? Add your name to our email list by sending your email address to Mr. Yongli Min, P.E., (yongli\_min@urscorp.com) and you will begin receiving our newsletter in November 2002.

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**The David Presidency**  
(Continued from Page 3)

and the depths of discussion between speakers and audience are witness to the success of the programs.

In his final President's Message, Ruben modestly records the "improvements in the newsletter" and hopes the membership is receptive to these improvements. In truth, the "improvements" are reflections of the energetic contributions and innovations he accomplished during his entire tenure.

President David is proud of the successful series of Joint Dinner Meetings which the Philadelphia Section, ASCE has enjoyed with many other Technical Societies. Increased attendance during the year attest to this success. He has promoted and encourages active participation in Section functions by Civil Engineering College Students, through their ASCE Student Chapters and with the enthusiastic cooperation of the Section's Younger Member Forum. He has kept alive and thriving the Section's contacts with its Reading Branch and publicized the Branch's activities at every opportunity.

Though he presided over the business of the Section with all the necessary discipline and dignity required, Ruben David is blessed with a keen and generous sense of humor which could not be suppressed; and it erupted spontaneously on innumerable occasions, to the delight of all in his presence. His smile and laughter are contagious and spread to all within his reach.

Ruben David will be the first to concede that all of his objectives could not possibly be realized in his one year of Presidency. But had combined the inherited talented abilities of his predecessors, and leaves the legacies of his own superb programs to his successors. This reality in no way diminishes the superb job he has done during his tenure.

In tribute to his accomplishments, the Philadelphia Section, ASCE extends to Ruben David its highest praise and gratitude. We look forward to his continued active membership, participation in Section affairs, and contribution of his invaluable talents for countless years to come.

In Manila, Ruben's friends would say to him, in their native tongue: "Bigyan Ka NG MAGANDANG KAPALARAN." We, his dear friends and professional associates, say to him: "Thank you, Good luck and Godspeed!"

And now **Allan F. Moore, Jr., P.E.**, we welcome you and anticipate with pleasure your installation as 2003-2004 President of the Philadelphia Section, ASCE, at the Annual Dinner Dance and Social at the Sugarloaf Conference Center on **May 2, 2003**. Your leadership qualities and invaluable contributions to the progressive programs and affairs of the Section have revealed themselves countless during your rise through the Section's official hierarchy. Your fellow Officers, Board of Director members, Technical Group personnel and Committees, as well as the General Membership of the Section, welcome you. We extend our hands and hearts to assist you in all your endeavors. Our Best Wishes are sincerely offered to you!

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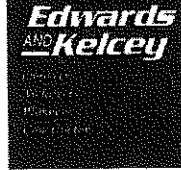
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## YOUNGER MEMBER FORUM NEWS

by Michael McAtee, PE

2002-03 YMF Vice President

Younger Member Forum Editor

Kristen Bowman, PE, 2002-03 President

Flow Science Incorporated  
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kbowman@flowscience.com

The Younger Member Forum (YMF) current membership includes college students, recent graduates, and young engineers including Registered Professional Engineers who are 35 years of age and under. The objectives of this group are: 1) To provide networking opportunities, 2) To interact with schools and the general public to promote Civil Engineering, and 3) To enhance career developments.

Young engineers or college students who would like to become part of the YMF and to be added to the announcement list, please contact **Alyson Lester**, Urban Engineers, Inc. at [secretary@ymfphilly.com](mailto:secretary@ymfphilly.com) or at (215) 922-8080. There are no fees to join!

### Recent Accomplishments

On April 16, 2003, the Younger Member Forum participated in a joint event with the Engineers' Club of Philadelphia. A "Wednesday Walkabout" was held at the Phoenix Foods plant in West Philadelphia. This facility combines hydroponics with aquaculture, two agricultural engineering technologies that are gaining importance as a food source for implementation of a sustainable urban culture. Phoenix Foods has created a facility that grows basil plants and tilapia in a symbiotic environment. Many thanks to the Engineers' Club for making this event possible!

### Upcoming Events

Are you interested in seeing the new Eagles stadium up close? The YMF has arranged for a tour of the Lincoln Financial Field construction site in May! The date and time are not confirmed at the time, but this information will be forwarded via the YMF email announcement list. If you would like more information or if you would like to RSVP in advance, please contact **Mike McAtee** at [mjmcatee@urbanengineers.com](mailto:mjmcatee@urbanengineers.com).

The YMF officer elections for 2003-04 are underway and an Election Happy Hour is planned for **Thursday May 15, 2003** at 6:00PM at Roosevelt's Pub! If you would like to attend the Happy Hour, please RSVP at [RSVP@ymfphilly.com](mailto:RSVP@ymfphilly.com). If you are a Younger Member (less than 36 years old) and a member of ASCE you may obtain a ballot by contacting **Kristen Bowman** ([kbowman@flowscience.com](mailto:kbowman@flowscience.com) or 215-854-6445). Ballots may be submitted via mail, fax, or email prior to the happy hour or you may vote at the event.

**Just a Reminder:** The YMF has once again arranged to assist Habitat For Humanity this year. The date of this volunteer effort will be **Saturday, June 7, 2003**, from 9AM to 4PM. The YMF is looking for 15 to 20 volunteers to assist Habitat repair a home in West Philadelphia. If you are in-



At the YMF March 27, 2003 Meeting in the Municipal Services Building, Younger Member Forum President Kristen Bowman, P.E. presents Gift of Appreciation to Philadelphia Former Congressman Bob Borski for sharing his insights on how engineers can be more involved in politics and improve their ability affect legislation.

interested in helping out or would like additional information, please contact **John Federico**, Urban Engineers, Inc., at [jefedericourbanengineers.com](http://jefedericourbanengineers.com).

### Member Spotlight

Are you a Younger Member who has recently worked on interesting projects? Are you interested in being featured in an upcoming YMF Spotlight? If so, contact **Mike McAtee** at [mjmcatee@urbanengineers.com](mailto:mjmcatee@urbanengineers.com).

The purpose of the Member Spotlight is to introduce a fellow YMF member to the Delaware Valley Engineering Community. This month, we will highlight our outgoing YMF President, **Kristen Bowman, P.E.**, who has been one of the keys to the success of the YMF over the past few years.

Kristen is a Project Engineer with Flow Science, Incorporated. She earned her B.S. and M.S. in Civil Engineering from Stanford University and is a Registered Professional Engineer in both California and Pennsylvania.

After graduation, Kristen worked for Woodward-Clyde Consultants (now URS Corporation) for two years performing environmental planning and permitting work. She then started working with Flow Science in 1998 in Pasadena, California, and soon relocated to their Philadelphia office. In her five years with Flow Science, Kristen has been involved in a variety of projects involving hydrodynamic and water quality modeling of surface water flows. She has been responsible for modeling lake and reservoir water quality and hydrodynamics, and in designing oxygenation and destratification systems to improve water quality in many of the largest reservoirs in California and along the Colorado River. Currently she is working on a complex, three-dimensional model of Lake Mead and on designing an integrated model system of Lake Mead and two additional reservoirs located downstream of Hoover Dam. In addition to reservoir modeling, she also performs computational fluid dynamics modeling and pipeline surge analysis.

Kristen has been an active member of ASCE and the YMF since 1996. She was the Philadel-

(Continued on Page 10)

## 2003 SECTION AWARDS TO BE PRESENTED AT SPRING SOCIAL

Section Awards for the year 2003 will be presented to this year's recipients at the Annual Spring Social and Dinner Dance on **Friday, May 2, 2003**. The Section Award recipients are:

- **Michael Griffin**, Hill International - Philadelphia Civil Engineer of the Year
- **Christopher Wright**, DMJM + HARRIS - Philadelphia Young Engineer of the Year
- **John Schuler**, PennDOT - Young Government Engineer of the Year
- **Michael Byle**, Gannett Fleming - Geotechnical Engineer of the Year
- **Timothy Kruppenbacher**, DMJM Aviation - Construction Engineer of the Year
- **Catherine Chia-Calabria**, McCormick Taylor Associates - Structural Engineer of the Year

We hope you will join us at the Social to honor our Awardees for this year.

Future issues of THE NEWS will feature more information on the awardees as well as a synopsis of the Spring Social's events.

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## APRIL JOINT DINNER MEETING

April 10, 2003

The Union League of Philadelphia

### "City Planning"

By Bob Wright, Staff Writer and Sid Robin, Editor



Dr. Gary Hack, AICP  
at the podium

A gratifying number of the members and guests of the Technical Societies meeting jointly with those of the Philadelphia Section, ASCE; and Officers and Students of the ASCE Student Chapters, Alumni and Faculty of the Civil Engineering and Systems Departments of Widener University and the University of Pennsylvania, attended a

Joint Dinner Meeting at the Union League of Philadelphia in Center City. The participating Societies were the Mid-Atlantic Chapter, Construction Management Association of America (CMAA), and the Philadelphia Chapter, American Public Works Association (APWA). After an affable cocktail and fellowship hour, and the usual Union League delicious dinner, the Joint Session enjoyed an enlightening presentation on the general subject of "City Planning," with particular emphasis on the architectural rebuilding proposals for the New York City World Trade Center, destroyed in the tragic 9/11/01 disaster. The Principal Speaker was **Dr. Gary Hack, AICP**, Chairman, Philadelphia City Planning Commission, and Professor of City and Regional Planning and Dean of the Graduate School of Fine Arts at the University of Pennsylvania.

Philadelphia Section, ASCE President **Ruben D. David, P.E.**, chaired the meeting (the final regular monthly meeting of the Section in his tenure) in his usual excellent manner, and made announcements of importance to Philadelphia Section members. Brief comments and announcements were also made by officials of the participating Societies: **James Rowan, P.E.**, Vice President, CMAA; and **Len Bernstein, P.E.**, President-Elect, APWA. The meeting was generously sponsored by DMJM+HARRIS, "The People Who Get It Done."

#### Past Presidents Night

A special feature of the meeting was a tribute to Past Presidents of the Philadelphia Section, ASCE. About twenty Past Presidents in attendance were acknowledged by President David, and posed for a group photograph (see photo elsewhere in this issue of THE NEWS).

#### University ASCE Student Chapters Honored

The meeting recognized and honored the ASCE Student Chapters, Alumni and Faculty of the Civil Engineering Department of Widener University and the Civil Engineering Systems Department of the University of Pennsylvania. Both schools had many attendants at the meeting.

#### University of Pennsylvania

ASCE Student Chapter Faculty Advisor, **Dr.**

**Vukan Vuchic**, reviewed the history of the Civil Engineering course at Penn and its evolution several years ago into the Systems Department. He explained the Department's involvement in Transportation, Environmental Engineering and other specialties and projects. He thanked his hosts for their courtesies in recognizing the Department.

ASCE Student Chapter President **Kathy J. Quinn** also thanked the Philadelphia Section for honoring the Student Chapter and introduced her fellow Officers: Vice President, **Matthew Latman**; Treasurer, **Lasey Fisher**; Secretary, **Roy J. Lehman**; Activities Coordinators, **Geoffrey Crossan, Zahra Smith**; Internet Chair, **Allison R. Schultz**; and **Dr. John A. Lepore**, Faculty Advisor/Department Chair.

Kathy described highlights of the busy program of the Chapter, which included in the fall of 2002: Tour of the new Eagles Stadium in mid-construction; Tour of John M. Huntsman Hall in mid-construction; Spring 2003: Career Fair and Annual Student Meeting; auspices Delaware Valley Geotechnical Institute; an important upcoming event involves a community service project in West Philadelphia - Rebuilding America.

#### Widener University

Widener Dean of Engineering, **Dr. Fred Akl**, thanked his hosts for their courtesies, and described the cooperative education program in Civil Engineering at the University.

ASCE Student Chapter President **Loren Minutoli** expressed appreciation for the honor of the Student Chapter, and introduced her fellow officers: Vice President **Scott Coleman**; Treasurer, **Matt Bezanson**; Secretary, **Renee Robert**; and Faculty Advisor, Professor **John Davis**. Loren highlighted important Chapter activities, which included, Fall, 2002: Guest speakers on

Traffic Planning and Design; field trips to new Phillies Stadium and Site Development Projects; Career Advising and Planning Service Program; Spring 2003: Guest Speakers on PennDOT Highway Construction Projects; and topics in Soils and Foundations categories. Significant Senior Projects included: Design and Construction of a Geotechnical Testing Box; Advanced Analysis of Vehicle Queing at Municipal Solid Waste Facilities; the AISC Model Steel Bridge Competition; and Evaluation of Alternatives for Sludge Disposal for Southwestern Delaware County Municipal Authority. She also discussed several Faculty Research Projects.

Loren and the Chapter are proud of the scholarships and awards won by members, as well as Student Competitions, both local and international (i.e., ACI/FRP Composites International Student Competition at the recent ACI Convention in Vancouver).

#### Markham Introduces Dr. Hack

**James Markham**, the Assistant Secretary of the Section's Younger Member Forum, introduced the evening's Featured Speaker, **Dr. Gary Hack**. Dr. Hack is the Dean of the Graduate School of Fine Arts of the University of Pennsylvania as well as a Professor in the Department of City and Regional Planning at the University. He is also the Chairman of the Philadelphia City Planning Commission.

Dr. Hack remarked that he had been on the faculty of the Massachusetts Institute of Technology for over 25 years before coming to Penn, so he had a great deal of experience working with engineers and scientists. This experience helped, as he was part of the **Daniel Liebeskind** design team which developed one of the recent proposals for the World Trade Center (WTC) site in New York City.

#### World Trade Center History Reviewed

Dr. Hack gave a brief history of the WTC site. When the towers were opened in the 1970's, they

(Continued on Page 7)

## PHILADELPHIA SECTION, ASCE BOARD OF DIRECTORS 2002-2003



Board of Directors (from left to right): **Brian A. Stover, Thomas J. Branigan, Faruq M.A. Siddiqui, Allan J. Moore, Jr., John Zarsky, Patricia M. Gallagher, Chris L. Rood, Christopher Menna, David C. Hanly, Ruben D. David.** Not pictured: **Robert M. Brooks, Walter J. DeLury, Gerald Donnelly, Alyson R. Lester, Carol C. Martsof, Karen Anne Riley, John R. Stone, Mark Washington.**

**April Joint Dinner Meeting**

(Continued from Page 6)

were noted for their architectural and aesthetic blandness. While their size helped them stand out on the Manhattan skyline, they evoked no notable architectural features or interest. The site also hindered traffic flow at ground level as it violated the street grid in the area and cut off several streets.

**The Slurry Wall and "Bathtub"**

The slurry wall placed around the site, called the "bathtub," was needed to accommodate the depth of the site (with both underground parking and subway tunnels extending seven stories below ground level) as well as to keep groundwater out of the below-ground areas. The site is partly located on fill areas which pushed the nearby Hudson River's shoreline several hundred feet to the west, and the excavated material removed from the site was used to create the present-day Battery Park City area (which pushed the shoreline even further to the west).

Dr. Hack outlined the importance of the slurry wall, which remained intact and was re-exposed after the towers collapsed. This became a major consideration in the design of any new building on the site, since the foundation and the slurry wall were available for reuse as needed.

**The Redevelopment Issues and Process**

Dr. Hack reviewed the issues of redevelopment of the site. Four different groups had to be involved in the review process, and there were some problematic legal factors that would have to be handled along the way. The Port Authority of New York and New Jersey (PANYNJ) is the owner of the site, and is not subject to local zoning restrictions. PANYNJ had arranged a 99-year lease of the site with a private development team in 2000, with a view toward the revitalization of the WTC. Over the past few years, lower Manhattan has seen many financial firms leave the traditional Wall Street locations, and there was a desire to lure some of these back. Both the City of New York and the Lower Manhattan Development Corporation (LMDC) had interests in this revitalization of the area as well. Any new site plans would be subject to the scrutiny of PANYNJ (the owner), the leaseholders, the City and LMDC.

**Re-Use Alternatives**

The various alternatives for the re-use of the site were reviewed by Dr. Hack. Four different groups presented proposals, for which they had six weeks to prepare. The major question with all schemes was how to balance the need for commercial use of the site versus the provision of memorial space/recognition for the victims of the WTC collapse. Some proposals include space for an opera house/performance studio and museums, while others suggest more use of open/green space.

Dr. Hack highlighted the Liebeskind scheme, on which he served as a team member. He noted that he worked in WTC for three years in the early 1990's as part of the design team for the West Side Highway revitalization, and he put this knowledge to use in the Liebeskind's suggested

redevelopment of the site. Key parts of this were the provision of transit access and the reintroduction of the streets across the site that were lost in the original construction of WTC, which would reopen part of the grid pattern of roadways in the area. The team's primary aspect was a 70-story tower with an antenna, the combination of which would rise for roughly 1300 feet. This could also include continued green space both to the south, to the tip of Manhattan, and to the west, to the Hudson River, which could be accomplished through a partial covering of existing roadways.

**Worldwide Interest in Proposals and Complex Problems**

The proposals were reviewed by the public. Dr. Hack remarked that there was worldwide interest in them, as the website on which they were posted had over 70 million "hits" during the short review period. There was and is considerable controversy surrounding them. To complicate matters, any movement on a redevelopment scheme must await settlement of insurance issues with the leaseholder of the site, and this has been a slow and complex process.

**Question and Comment Discussion**

Several insightful questions were asked by

members of the audience. One was on the need for a replacement antenna/transmitter for television stations and other users that is needed since the loss of those atop WTC's towers. A proposal has been made for an interim free-standing tower in Bayonne, New Jersey. Dr. Hack responded that several of the proposals for the WTC site had addressed the need for this. The proposed lower Manhattan "super-center" for transit access and its relationship to the WTC site redevelopment was mentioned, and this appears to be going forward. Both the Port Authority Trans-Hudson (PATH) trains, which had a terminal in the WTC, and the connecting New York City Transit subways, must be restored to make the site viable. The New York subways are back in service, and PATH is building a temporary terminal that should be ready for use later this year.


A subject so critical to the redevelopment of the catastrophic loss prompted many additional significant comments and questions. Dr. Hack responded with illustrative expertise on the complexities of any proposals of solution to the challenges. Phila. Section, ASCE President-Elect Allan F. Moore, Jr. closed the meeting with a

(Continued on Page 11)




**Karen Jehanian, PE**  
President

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## TECHNICAL GROUP ACTIVITIES

### Structures Group

May 2003 Luncheon Meeting

**SUBJECT:** Stability and Restoration of Leaning Tower of Pisa

**DATE:** Wednesday, May 28, 2003. 12:00 Noon to 2:00 P.M.

**COST:** \$35 Engineers \$20 Students per person.

**LOCATION:** Conference Room E located on the 16th Floor of the Municipal Services Building, 15th and JFK Blvd, Philadelphia.

**SPEAKER:** Dr. Burland, Professor, Imperial College of Science, Technology & Medicine, London

Dr. Burland is a renowned expert in Geotechnical Engineering. He was appointed by Italian Government to study and fix the defects and the increased tilt of the well known engineering marvel, The Leaning Tower of Pisa.

Dr. Burland's engineering knowledge and scientific application has led to successful resolution of the centuries old delicate problem.

He has been invited by ASCE to discuss the techniques used, for restoration of this unusual and unconventional structure, including the geotechnical aspects at the site.

**Lunch** will be served at 12.00 Noon. Reservations are required as seating is limited. Please contact **M. Ali Khan, Ph.D., P.E.**, Chairman, Structures Group, at (609) 530 9618 or call the Electronic Message Center: **1-800-461-4190** (Open 24 hours/day). Also send your check for \$35 to the Philadelphia Section, P.O. Box 58186, Philadelphia, PA 19102-8186.

## Engineering Management Group

**Notice:** The April 23, 2003 Joint Luncheon Meeting with the Construction Group has been cancelled and will be rescheduled at a later date.

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## PHILA. SECTION, ASCE PARTICIPATES IN 2003 DELAWARE VALLEY SCIENCE FAIRS

The Philadelphia Section, ASCE, for the ninth year in a row sponsored Special Awards at the Annual Delaware Valley Science Fairs with this year's Fairs being held April 2-3, 2003 at the Fort Washington Expo Center. The Delaware Valley Science Fairs offer the best and brightest students of our region an opportunity to present exhibitions of research that promote Science and Technical education. The team of judges representing our Section examined over 1000 public, parochial and private school student regional science fair winners from the fifteen county tri-state area in Grades 6 thru 12 looking for the top projects relating to the Civil Engineering field.

The Section presented four awards at the awards ceremony held on April 3, 2003. First and Second place awards were presented in both the Grades 6 thru 8 and the Grades 9 thru 12 categories. The Second place awards consisted of a plaque and a \$50.00 check. These were presented to **Emily Fisher** (Grades 6-8) from Manalapan-Englishtown Middle School in Englishtown, NJ for her project entitled "Which Type of Bridge Can Hold the Most Mass?" and **Katie Kavett** (Grades 9-12) from High Technology High School in Lincroft, NJ for her project entitled "Determining Deflection." The First place awards consisted of a plaque, a \$100.00 check and complimentary tickets for the student and his/her parents to attend our Section's Annual Awards/Dinner Dance to be held on May 2, 2003. These were presented to **Jeremiah Godfrey** (Grades 6-8) from Towle Institute in Hockessin, DE for his project entitled "Tsunami - Killing a Killer Wave" and **Daina Andries** (Grades 9-12) from the Academy of Notre Dame de Namur in Villanova, PA for her project entitled "Where in the World is Here?" All four of these projects were exceptional and well presented by the students. The Section's team of judges, which in-

cluded **Tom Branigan, Ruben David, Christopher Menna, Karen Anne Riley, Bob Wright** and **Chris Rood**, all had an enjoyable day. The Section extends a Special Thank You to both **Gail Wright** for the development of the Section's business size cards placed at each judged project and local artist, **Kathie Papiro-Fean**, for the use of her watercolor of the Manayunk Bridge which was placed on those cards.

The Section anticipates participating in the 2004 Science Fairs scheduled to be held in April 2004. If anyone is interested in either volunteering to be a judge for the Section's awards or being one of the over 500 volunteer judges needed for the overall Science Fair judging, contact Past President **Chris L. Rood, P.E.** at [chrisrood@dmjmharris.com](mailto:chrisrood@dmjmharris.com)



Original watercolor of the Manayunk Bridge by  
Kathie Papiro-Fean  
<http://www.kpwatercolors.com>



**ASCE**  
American Society of Civil Engineers

The Science Fair judges representing the Philadelphia Section have reviewed your project and thank you for sharing it with us. We congratulate you on your efforts and extend our best wishes for your future endeavors in the mathematical and scientific fields.

<http://www.asce-philly.org>

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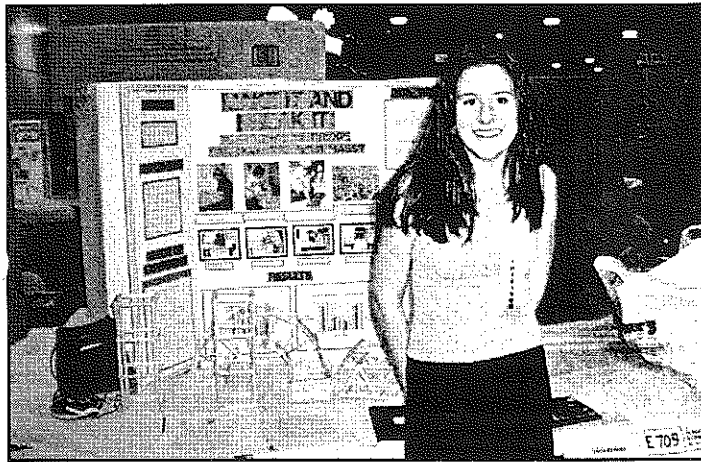




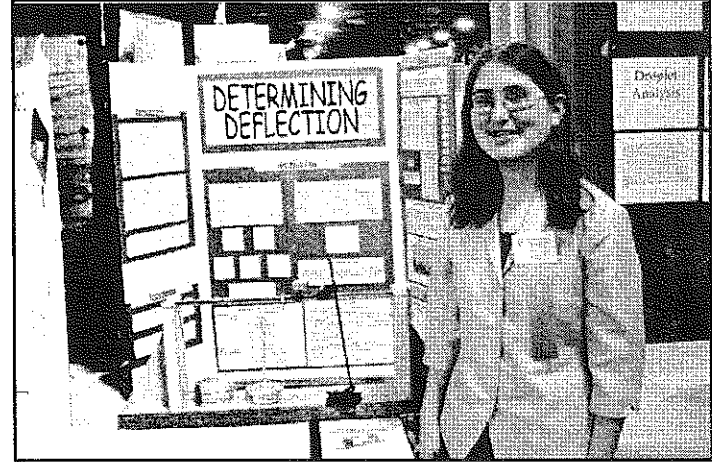
Winners of the ASCE Civil Engineering Special Awards at the Delaware Valley Science Fairs, held at the Fort Washington Expo Center April 2, 2003. From left to right: Jeremiah Godfrey, Katie Kavett, Daina Andries, and Section Proesident Ruben David



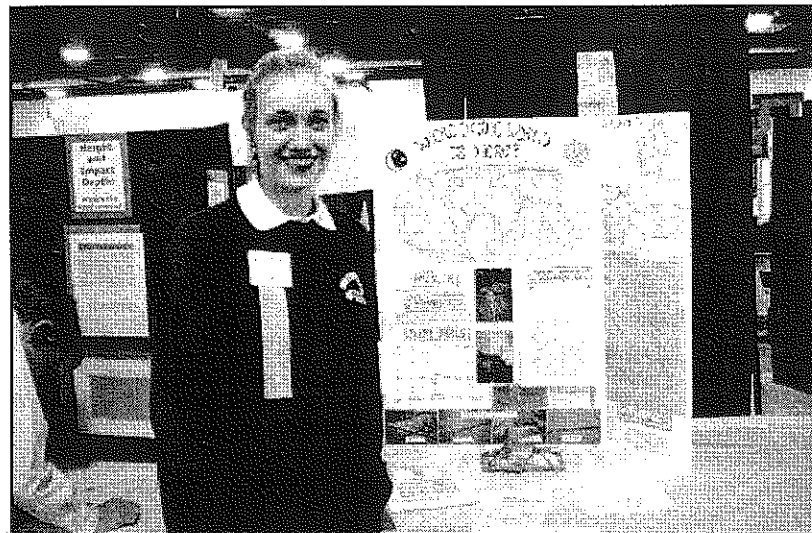
Phila. Section ASCE volunteer judges at the Delaware Valley Science Fairs. From left to right: Robert Wright, Tom Branigan, Karen Anne Riley, Christopher Menna, Chris Rood and Section President Ruben David.



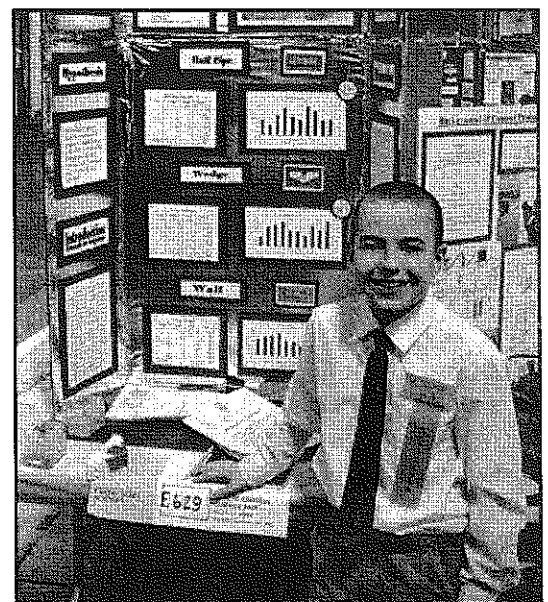
Second Place (Grades 6-8) winner Emily Fisher at the Fairs.



Second Place (Grades 9-12) winner Katie Kavett from High Technology High School, Lincroft, NJ.



First Place winner (Grades 9-12) Daina Andries from the Academy of Notre Dame de Namur, Villanova, PA.



First Place winner (Grades 6-8) Jeremiah Godfrey from Towle Institute in Hockessin, DE.

## HIGHWAY CAPACITY ANALYSIS SEMINAR

### The Transportation Technical Group Lehigh Valley Section

presents a one-day seminar

Wednesday, May 7, 2003

Offices of the Lehigh Valley  
Planning Commission,  
Third Floor, 961 Marcon Boulevard,  
Allentown, PA 18101

- Learn how to use the highway capacity manual methodologies and software
- Learn the recent changes to the manual and how they affect operational results
- Learn the future plans for updates and continued research

**SPEAKER:** Mr. Dane Ismart, P.E., Louis Berger and Associates, Inc.

Dane Ismart joined Louis Berger and Associates, Inc. after working for the Federal Highway Administration (FHWA) for 25 years. He has authored manuals and continues to teach courses on Capacity Analysis, Access Management, Financial Management, Travel Demand Forecasting and Intermodal Planning. He is a member of the Transportation Research Board (TRB) Highway Capacity Subcommittee on Unsignalized Intersections. He is a graduate of Georgia Tech with a Bachelor's Degree and the University of Minnesota with a Master's Degree in Civil Engineering.

Dane continues consulting and teaching on transportation projects across the county. His unique style presents high level technical information in a manner which is easy to comprehend and remember.

Registration fee for the seminar includes the morning and afternoon breaks, lunch and the seminar workbook.

Prior to April 24, 2003

ASCE members	\$125
Non-members	\$150
Students	\$100
All late registrants	\$175

Contact Peter Terry at (610) 776-6700, fax (610) 776-1190 or email [pete@bencivil.com](mailto:pete@bencivil.com) for additional information

Mail registration form with check or purchase order made payable to: LVS ASCE, HCS Seminar, c/o Benchmark Civil Engineering Services, Inc., 442 W. Walnut Street, Allentown, PA 18102

Cancellations received less than fifteen days prior to the seminar will be subject to a \$50 cancellation fee.

### Thought for the Day

When you look in the mirror you don't see your reflection. Your reflection sees you!

## ASCE 2003 EMPLOYER RECOGNITION AWARD

The Committee on Younger Members is pleased to solicit nominations for the 2003 Employer Recognition Award so that other Younger Members may be informed of this recognition program.

Remember, the deadline is **August 1, 2003**. Nomination forms may be accessed at our ftp site at [ftp://gsd.asce.org/Younger\\_Members/Employer%20Recognition%20Form%20'03.doc](ftp://gsd.asce.org/Younger_Members/Employer%20Recognition%20Form%20'03.doc) or at our web site at [http://asce.org/pdf/employer\\_recognition\\_form\\_03.doc](http://asce.org/pdf/employer_recognition_form_03.doc).

Thank you for your continuing support. For full details, contact **Nancy E. Berson**, Senior Director, Geographic Services at (800) 548-2723, ext. 6010 or email [nberson@asce.org](mailto:nberson@asce.org).

## ASCE MET SECTION GEOTECHNICAL GROUP

in conjunction with The Deep Foundations Institute and ADSC: The International Association of Foundation Drilling present

### Earth Retention Systems 2003: A Joint Conference

Tuesday and Wednesday  
May 6 & 7, 8:15 a.m.

**LOCATION:** CUNY Graduate Center, Proshansky Auditorium, 365 Fifth Avenue (NE Corner of Fifth Ave and 34th St), Manhattan

This information-packed conference will focus on both traditional and state-of-the-art technology in the selection, design, construction, and performance of earth retention systems. Several case histories on local, national, and international projects will be included. Conference speakers are experts in their field — representing designers/engineers, academics, local and specialty contractors. There will also be exhibits by specialty contractors and manufacturers and suppliers of related products and services. All attendees will receive conference proceedings.

**Featured Speakers:** Tom Armour, DBM Contractors; Marco Boscardin, Boscardin Consulting Engineers; Ray Castelli, Parsons Brinckerhoff; George Filz, Virginia Tech; Ed Forte, Underpinning and Foundation; Bernie Langan and Ryan Linthicum of Langan Engineering; Tony Mazzo, Urban Foundation/Engineering; Tom O'Rourke, Cornell University; Andrew Peterson of CATOH and Jim Stewart of John P. Stopen Engineering; Hayward Baker; Tom Richards, Nicholson; Gerhard Sauer, Dr. G. Sauer Consultants; Rick Slack, Richard Goettle, Inc.; George Tamaro, Mueser Rutledge Consulting Engineers; David Yang, Raito; and Stephen Young, ARUP

The early registration fee (i.e., before Tuesday, April 1st) of \$425 includes: admission to conference and exhibits, conference proceedings, continental breakfast, conference lunch, and coffee breaks both days, and evening reception on May 6. After Tuesday, April 1st, the registration fee will be \$475. One-day passes are also avail-

## READING BRANCH PHILLIES GAME

The Third Annual Picnic for the Reading Phillies will take place on **Sunday, August 3, 2003**.

For details, contact **Gerry Donnelly**, STV Incorporated, (610) 385-8448, fax (610) 385-8510, email: [donnelg@stvinc.com](mailto:donnelg@stvinc.com).

## NATIONAL ASCE IS COMING TO PHILADELPHIA

ASCE National will be offering the following continuing education seminar in Philadelphia over the coming months:

June 22, 2003  
Artificial Recharge

For a detailed description of the above seminar, please go to [www.asce.org/conted/seminars](http://www.asce.org/conted/seminars), click on the seminar title and then click on "review entire brochure in pdf format."

Contact **Lynn Hall**, Continuing Education Marketing Coordinator at [lhall@asce.org](mailto:lhall@asce.org) or **Andrea Baker**, Administrator, Zone I & II at [abaker@asce.org](mailto:abaker@asce.org).

## Younger Member Forum

(Continued from Page 5)

phia ASCE 2002 Young Engineer of the Year.

In addition to her involvement with ASCE, Kristen is also an active member of the North American Lake Management Society, the American Association of University Women, and The Nature Conservancy. In her free time, she enjoys horseback riding, volunteering, traveling, and spending time with her fiancé. Kristen's dream job is to be Secretary of the Interior and her current dream vacation is four months in eastern Asia!

able. Please register early, as space is limited. For your convenience, a limited number of rooms have been blocked at nearby hotels at a preferred rate for seminar attendees. Opportunities are available for sponsorship, exhibition, and/or for your company to advertise in the conference proceedings.

For more information and to register, visit the Met Section Geotech Group web page at [http://sections.asce.org/metropolitan/tech\\_groups/geotech.html](http://sections.asce.org/metropolitan/tech_groups/geotech.html) or contact **Richard Prust**, Met Section Geotech Group Vice Chair, at (212) 510-2112.

Please visit [www.earthretention2003.org](http://www.earthretention2003.org) for more details.

See You at the  
Spring Social at  
Sugarloaf May 2nd!

**THANKS TO OUR SPONSORS**

We have expanded our Section Sponsorship program this year. Many of our local firms have responded to this. These firms have made the commitment and their business cards are included in the pages of THE NEWS.

If your firm has not already decided to become a Section Sponsor, we hope you will review the many benefits available to our sponsors, and we welcome your support. We are sure you would like to see your firm's card along with the others in THE NEWS.

To those of you have decided to become a Section Sponsor, we offer our collective "Thank You", and we look forward to your continued support. This support helps the Phila. Section provide our various activities and programs for our membership. This indirectly helps our community as well, as we continue to expand our outreach programs to "spread the word" as part of our VOICE (VOLunteering In Civil Engineering) effort.

Various benefits are available to your firm as a Section sponsor. Your business card appears in THE NEWS, and this remains the most visible evidence of your support. If you have attended any of our Section meetings thus far, you have also seen our poster with your logo on it prominently displayed in the meeting room.

Several of you have taken advantage of the Meeting Sponsor opportunity available to Section sponsors. As such, you are welcome to bring company representatives, literature, displays, handouts, and "give-aways" at a specific meeting at which your firm will be featured. If you have not yet signed up to sponsor an upcoming meeting, and would like to do so, please let us know. We have four Section meetings remaining this season and not all have been slated for sponsors.

You are able to place two employment want

**CALL FOR PAPERS!  
2003 Pennsylvania Stormwater Management Symposium**

Implementing Stormwater Management – Integration of Planning, Regulation, Design, and Operations

**Mission Statement**

Villanova is again hosting the 2003 Pennsylvania Stormwater Management Symposium on October 16-17, 2003. The purpose of the symposium is to advance the knowledge and understanding of comprehensive stormwater management. Participants are expected to include Engineers, Planners, Water Resource Professionals, Regional, State and Local Government Representatives, Land Development Professionals, and Watershed and Conservation Groups. The symposium organizing committee is seeking potential speakers for the proposed sessions. Interested authors are encouraged to submit a brief abstract of not more than two pages by the **30th of May, 2003** (Papers are required). Papers will be published in the conference proceedings. Electronic and fax submittals are accepted.

**Submit Abstracts to:** Department of Civil and Environmental Engineering; 2003 Pennsylvania Stormwater Management Symposium; Villanova University, Villanova PA, 19085; Fax – 610-619-6754; Email **Robert.Traver@Villanova.Edu**

For more details and a list of proposed sessions see The Villanova Urban Stormwater Partnership homepage — <http://www.engineering.villanova.edu/ce/vusp/>

ads on the Section website during the season, free of charge. Again, if you require this service, we can offer it to you.

You are eligible for two free dinners at any Section meeting during the season, not including the Spring Social. And, speaking of the Social (it

**HELP WANTED**

The Phila. Section, ASCE, needs your help! Become a volunteer for a Section Technical Group or following committees (see list on page 10).

**Administrative Committees:** Awards and Prizes; Professional Practice/150th Anniversary; 150th Anniversary. **Standing Committees:** Nominating; Humphrey Fund Trustees. **Special Committees:** Bylaws; Audit; Membership; Diversity and Women in Civil Engineering; Government Affairs; History and Heritage; Program; Publications; Website; National Society Awards; Phila. Section Awards; Scholarships; Educational and Outreach; Public Relations; Community Services; Delaware Valley Science Fairs; Delaware Valley Engineers' Week; Salary and Benefits Survey; Annual Spring Social; Sponsorship.

For further details, please contact Section President **Ruben D. David** either by:

E-mail: [ruben.david@phila.gov](mailto:ruben.david@phila.gov)

[Rubendavid2@juno.com](mailto:Rubendavid2@juno.com)

Phone: (215) 683-4477 or 1-800-461-4190

**April Joint Dinner Meeting**

(Continued from Page 6)

tribute of the Section's thanks and gratitude to President David for his extraordinary tenure. Ruben in turn expressed his deep appreciation to all who helped him to make his 2002-2003 tenure the successful year that it was. Together, Allan and Ruben thanked Dr. Hack for his splendid presentation and they presented him the Section's Gifts of Appreciation.

is literally right around the corner, **May 2, 2003**), your business card ad will be included in the event program for our annual Spring Social and Dinner Dance. This year, the Social will highlight our 90th Anniversary.

We hope this reminder is useful for you, and we hope you will take full advantage of the benefits your firm has as a Section sponsor. We thank you for your continued assistance and generosity in this regard.

**I firmly believe that if you follow a path that interests you, you'll be a person worthy of your own respect.**

–Neil Simon, *playwright*



Students and their teacher from Orchard Valley Middle School, Washington Township, NJ, winners of the ASCE Civil Engineering Award at the Future Cities Competition, with Phila. Section, ASCE Officers at the Seventh Annual Student Project Mall Display held at the Granite Run Mall, Media, PA on February 22, 2003.

<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS	
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<a href="http://www.hntb.com">www.hntb.com</a>	

## JOIN THE SECTION'S TECHNICAL GROUPS

### Construction

Brian Stover, P.E., Chairman  
Urban Engineers, Inc.  
530 Walnut St., 14th Floor  
Philadelphia, PA 19106  
(215) 922-8080

### Structural

Dr. Mohiuddin (Ali) Khan, P.E., Chairman  
Manager, Bridge Division  
STV Incorporated  
820 Bear Tavern, Suite 105  
Trenton, NJ 08628  
(609) 530-9618

### Transportation

Chris L. Rood, P.E., Chairman  
DMJM+HARRIS  
126 Franklin St.  
Riverside, NJ 08075  
(856) 461-9565

### Engineering Management

Dennis Mc. MacBride, P.E., Co-Chairman  
HNTB Corporation  
8 Penn Center, 7th Floor  
1628 John F. Kennedy Blvd.  
Philadelphia, PA 19103  
(215) 568-6500

William J. Mulloy, P.E., Co-Chairman

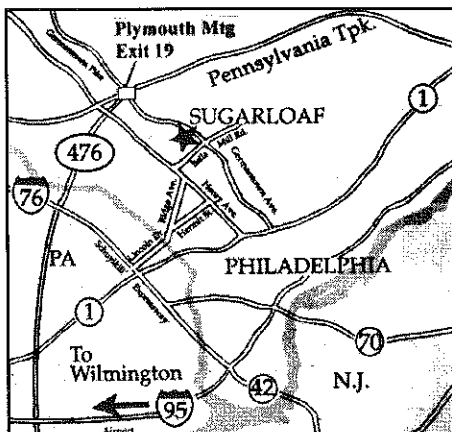
U.S. Army Corps of Engineers  
Wanamaker Building  
106 Penn Square East  
Philadelphia, PA 19107-3390  
(215) 656-6583

### Delaware Valley Geo Institute (DVGI)

Craig R. Calabria, Ph.D., P.E., Chairman  
GeoSystems Consultants, Inc.  
514 Pennsylvania Avenue  
Fort Washington, PA 19034  
(215) 654-9600

Allen W. Cadden, P.E., Liaison

Schnabel Engineering Associates, Inc.  
510 East Gay Street  
West Chester, PA 19380  
(610) 696-6066



Driveways for Sugarloaf Center are on Bells Mill Road WEST of Germantown Avenue, and on Germantown Avenue NORTH of Bells Mill Road.

## CONCRETE CANOE COMPETITION REGIONAL COMPETITION APRIL 25-26, 2003

Lafayette will host the bridge competition.  
Drexel will host the canoe race.

We still need some judges for the Canoe Competition – contact **Darin Gatti** at (215) 686-5573, or email [darin.gatti@phila.gov](mailto:darin.gatti@phila.gov). **John Stone** is our chief judge and currently only confirmed judge, we would like five additional judges.

There will be a Balsa Wood Bridge Competition on Friday night, **April 25, 2003**. We will invite the high school to participate in this competition.

There will also be a Technical Paper Competition – Drexel has judges for this.

**Saturday, June 14, 2003** – Clean up day at the Race site, between the Canoe Club and St. Joe's boathouse, just south of Strawberry Mansion Bridge. We are hoping that the YMF can help us coordinate this.

**Wednesday, June 18, 2003** – At lunchtime we will put three of Drexel's canoes in the fountain as a publicity stunt. We will need help with displays (maybe some consultant displays depicting the type of work they do) and information posters and banners. We should also have information about the race.

**Friday, June 20, 2003** – Block Party on Drexel Campus. Welcome party for the contestants.

**Saturday, June 21, 2003** – VIP Dinner for Judges, Dignitaries and Sponsors on the Battleship NJ.

**Sunday, June 22, 2003** – A Day at the Races

If anyone has any ideas or volunteers contact **Darin Gatti** at (215) 686-5573 or [darin.gatti@phila.gov](mailto:darin.gatti@phila.gov).

## 2003 ASCE/EWRI CONGRESS

The Chair of the 2003 ASCE/EWRI World Congress invites Phila. Section, ASCE members to attend the upcoming Conference. **The Environment and Water Resource Institute (EWRI)** of ASCE is holding its 2003 World Congress on **June 23-26, 2003** in **Philadelphia, Pennsylvania**. The theme of the Congress is "Protecting and Preserving Our Environment for the Future."

ASCE has been very active in highlighting both environmental and water resource issues through activities such as the Infrastructure Report Card. It has also been an early force in the effort to improve infrastructure security in the wake of last year's events. Both these themes will be built upon at the World Congress.

We already have a significant group of co-sponsoring organizations, including the Army Corps of Engineers and the Ecological Society of America.

For full information and reservations, contact **Lisa Bourget** at (202) 736-9021.

**It is never too late to be what  
you might have been.**

– George Eliot, *novelist*

**Be civil to all;  
sociable to many,  
familiar with few;  
friend to one!  
enemy to none.**

– Benjamin Franklin,  
*scientist and diplomat*

## THE PHILADELPHIA SECTION E-NEWS AN ALTERNATIVE TO THE MAIL

The Phila. Section, ASCE Board of Directors is currently exploring ways to reduce the Section's operating expenses while continuing to provide a high level of service to the membership. One possible reduction method we are considering is to offer our membership the opportunity of receiving THE NEWS via e-mail vs. through the US Postal Service. If you opt for e-mail delivery, your copy of THE NEWS should arrive 7-10 calendar days ahead of the US Postal Service delivered version. E-mail delivery will not only be quicker than the current method, but it will save the Philadelphia Section considerable printing and mailing charges as well. Another advantage with an electronic version is that you can forward THE NEWS to others interested in our Section's activities. E-mail receipt of THE NEWS will require downloading a free copy of Adobe Acrobat Reader 4.0 with receipt of your first edition of THE NEWS.

At this time we are providing members with a survey form to elicit their opinion of how they would like to receive THE NEWS in the future. **If we do not hear from you we will assume that you want the USPS option.**

- E-mail THE NEWS to me @ \_\_\_\_\_
- US Postal Service mail THE NEWS to me at  home or at  work
- E-mail and USPS mail THE NEWS to me at  home or at  work

Your e-mail address is necessary since we are updating our database and it will help us to better serve you. You can: call in your response to the survey at **1-800-461-4190** (24 hours a day); e-mail your response to us at [info@asce-philly.org](mailto:info@asce-philly.org) or mail your response to PO Box 58186, Philadelphia, PA 19102-8186.

Be sure to include your name, address, e-mail address(es), if applicable, and your ASCE Membership ID Number with your preference.