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## 2011 Engineers Week Successfully Completed

We hope you were able to celebrate Engineers Week. If you don't recall that it happened a little later this year than in the recent past (starting on Friday, February 18 and wrapping up on Saturday, February 26), then you may have missed it, in which case you should put Engineers Week 2012 (February 17 – 25) in your calendar.

The kickoff event of E Week in the Delaware Valley is the Proclamation and Awards Luncheon. This was conducted at the DoubleTree Hotel in Center City on February 18. The winter weather we have been experiencing this season gave us a bit of a break for the day and the temperatures climbed into the 60's, someplace they haven't been since October, and that may have helped get folks out of their offices and into the Hotel's Ormandy Room where 250 of us welcomed 2011 Delaware Valley Engineer

of the Year Doug Kriebel, 2011 Delaware Valley Young Engineer of the Year Angela Fante, and a host of award recipients.

It wasn't hard to find the DoubleTree – you just had to get a look at the E Week banners on the street light poles outside the Hotel that told you were at the right place. The banner program administered by the Engineers' Club provided a new-look banner to replace those



(Continued on page 2)

## Weathering PWD Stormwater Rate Structure

Citizens of Billy Penn's Green Countrie Towne have always appreciated a good steady rain, but with little concern for stormwater runoff -- until now! The Philadelphia Water Department has recently revised the way it calculates stormwater charges for its non-residential customers, which in many cases has resulted in significantly increased water bills for business, government, educational, and non-profit organizations.

The Engineers' Club of Philadelphia, in conjunction with the American Society of Civil Engineers - Philadelphia Section; Environmental and Water Resources Technical Group and the Philadelphia and Delaware County chapters of the Pennsylvania Society of Professional Engineers, is presenting a lunchtime meeting to help you learn what you can do to cope with these changes - without soaking your budgets. The speakers will explain the Philadelphia Water Department's (PWD) new billing process and show you how to save money by pursuing simple appeals and applying for stormwater billing credits.

**DATE:** Thursday, March 31, 12:00 noon to 1:30 PM. Includes a light lunch of sandwiches and salad.

**WHERE:** Municipal Services Building, 16th floor, Conference Room Z, 15th Street and JFK Boulevard, Philadelphia, PA (Please arrive a little early to go through security)

**SPEAKERS:** Thomas G. May, PE, LEED AP, Director, Environmental Services, Urban Engineers, Inc. and Angelo J. Waters, PE, LEED AP, Stormwater Engineer, Urban Engineers, Inc.

**PRICE:** \$15.00 (on or before Friday, March 25); \$20.00 (after Friday, March 25) (We will strive to accommodate walk-ins, but cannot guarantee sufficient food. No shows will be billed.)

Participation in this presentation entitles each attendee to one PDH. PDH certificates will be distributed at the end of the presentation.

For reservations, contact the Engineers' Club via <http://engrclub.org/to/Phila-SW>, emailing [reservations@engrclub.org](mailto:reservations@engrclub.org), calling 215-985-5703, or mailing to the Club office.

### Upcoming Events

- March 25: AIAA Symposium
- March 31: Weathering Phila Water Dept Rate Structure
- April 19: Critical Issues Seminar
- May 3: Affiliate Society Leadership Summit
- May 10: Legislative day
- May 25: Washington Medal Presentation
- June 21: Club's Annual Meeting

## President's Message



I am a firm believer in the phrase “less is better”, but, as we know, it depends on the context. In the sense that you haven’t heard very much from me during my “reign” as Club President thus far, it certainly applies (do you really want to hear more from me?). In any event, you’re hearing from me now, so so much for that. (And don’t get me started on the grammatical implications of when “less” should be used as opposed to “fewer”!)

As you read this, Engineers Week 2011 is completed and was quite successful based on the participation at the Delaware Valley Engineers Week events. The Luncheon brought out a crowd of roughly 250, more than we’ve seen in a few years, and the Young Engineers Social and the Reception were similarly well-attended. Thanks to those of you who participated in the events, supported E Week as a sponsor, or volunteered on one of the many E Week committees and activities (and, for many, the “or” should be an “and”, since you did it all, so to speak). None of this can happen without participants, sponsors and volunteers, not necessarily in that order, and we certainly appreciate however you chose to be part of the festivities. Of course, this sets the proverbial bar that much higher for the 2012 events, but fortunately we have almost a year to plan them. Help is always needed and appreciated, so if you want to join the cause, we’ll find something for you to do.

I have heard some grumbling about Pennsylvania’s requirement for continuing education for professional licensure, particularly as the first “deadline” is approaching in September. As promised last year, New Jersey is also putting a program into effect and the first bits of information on it are on the State Board’s website

([www.state.nj.us/oag/ca/pels/pelsinfo.htm](http://www.state.nj.us/oag/ca/pels/pelsinfo.htm)). The Club will look into this to see how our meeting and educational program will be able to meet the requirements for qualification so those of us with NJ licenses will be able to pick up credits. Back to Pennsylvania, the rumored “grace period” is indeed official, so you will be able to get credits to apply to the current renewal period until April 1, 2012 without threat of disciplinary action.

Speaking of continued education, I continually find it amazing how much we learn from life just by living it. Some of you are aware that I had a medical situation suddenly arise at the end of 2010 and fortunately all is now under control. In the space of a couple of weeks, however, I learned quite a bit about anatomy, internal organs and bodily functions that I didn’t know, at least in that great detail, previously. I’ll admit that an emergency room is not the most conducive or comfortable place to learn (as this is where I was exposed to much of what I’d learn) and I certainly wouldn’t recommend this venue. Also, unfortunately, despite the wealth of information I picked up, I can’t use any of it to apply to my PE license renewal requirements.

My term is about 33% completed as you read this. Because we have the benefit of a number of dedicated and hard-working folks on our Club Board and Committees, many things have happened in that time period, including E Week, and the addition of three new corporate members to our ranks. We thank those of you who have taken active roles in the Club’s various committees and certainly welcome any help. If you have an interest in helping, please feel free to let us know what you’d like to do and we’ll certainly find something where we can put you to work.

Please feel free to pass along any suggestions, ideas, or thoughts you may have on how the Club can do what we do more effectively. Your help is greatly appreciated.

## 2011 Engineers Week Successfully Completed (con’t)

(Continued from page 1)

used in the past, with twelve local technical societies stepping to the plate to each sponsor one banner which featured their name and logo. The bright-green banners added a nice touch to the Double-Tree’s blocks of Broad Street and Locust Street.

The second installment of the revamped Young Engineers Social drew a lively crowd of 75 young or young-at-heart participants to cite Angie Fante. This year, the venue was the Field House Sports Bar on the ground floor of the historic Reading Terminal building in Center City. While Mother Nature suddenly remembered it was still winter and tossed some February cold and snow back at us in the early hours of February 22, by the time the Social rolled around that evening, many of us were in need of some social libations and snacks after our snow-shoveling activity and the Social was a good place to find these.

Following last year’s transformation from a formal banquet setting to a more “graze and mingle” type of event, the Celebration of Engineering Reception went one step further and moved to a week-

night for the first time, landing on Thursday, February 24. Over 90 attendees found their way high atop Center City at the Pyramid Club, on the 52<sup>nd</sup> Floor of the BNY Mellon Center, to honor both Doug Kriebel and Angie Fante as they enjoyed good food and took in the nighttime skyline and sights to be viewed from this unique vantage point. Our regional Future City winners, from Our Lady Help of Christians School in Abington, were on hand to display their city model and show off their recently-gained status as national competition winners.

The completion of this year’s events only kicks off the planning for next year’s. The Delaware Valley Engineers Week Committee (DVEW) of the Engineers’ Club of Philadelphia is always looking for more volunteers to assist in many of the activities surrounding Engineers Week. DVEW has a need for your talents and skills. We are also interested in your ideas for ways to improve the celebration. Please contact us at [contact@engrclub.org](mailto:contact@engrclub.org) if you have ideas to an interest in being a part of our Committee.

## *ECP Spring Semester Courses*

The Engineers' Club is offering courses which meet the needs of many practicing technical professionals. You can download the entire Spring 2011 Course Catalog in pdf format or peruse the online listings at [http://engrclub.org/prodev/class\\_offerings.html](http://engrclub.org/prodev/class_offerings.html).

Some of the courses are eligible for professional development hours (pdh). It is the participant's responsibility to determine whether the course complies with the requirements of the registration or certifying agency. A certificate of completion will be provided to those completing the course. We will be submitting these courses to the NJ State Board of Professional Engineers and Land Surveyors for approval.

Many of these courses are multi-week courses that will start the middle of March, while others are of shorter duration. Registration closes seven days before the starting date. Courses include:

### **Construction**

CO-2: Construction Cost Estimating

CO-3: Construction Project Management

### **Electrical**

EL-2: Advanced Fiber Optics and Network Wiring

EL-3: FCC License Exam Preparation

EL-4: Photo Voltaic Systems Installation

EL-5: Grounding and Bonding

EL-7: Fundamentals of Instrumentation and Control

EL-8: Small Wind Turbine Installation

EL-9 Understanding NEC Requirements for Solar PV Systems (NEW)

### **Fire Protection**

FP-1: Sprinkler Systems Basics

FP-2: Advanced Sprinkler Systems

FP-4: IBC Smoke Control Requirements

### **Management**

MA-1: Project Management

### **Mechanical**

ME-1: Basic Piping Design

ME-2: Heating and Ventilation

ME-3: Air Conditioning for Designers

## *Bentleys To Receive Washington Medal*

The Engineers' Club is pleased to announce that Greg Bentley and his brothers Ray, Keith, and Barry will be awarded the George Washington Medal for their contributions to engineering. These contributions include the suite of Bentley software design packages that many of our engineering companies use, as well as on-going support of educational outreach to students and encouragement for STEM education, most notably through the Future City Competition.

The Club has been awarding the Washington Medal since 1967 for outstanding contribution to technological progress through engineering management. Some past recipients of this medal include Roy F. Weston, Hank Rowan, C.R. "Chuck" Pennoni, and Constantine Papadakis.

The presentation will be made **Wednesday, May 25** in an event to be coordinated with Be Together: The Bentley User Conference at the Convention Center. Be on the lookout for further details.

## *Legislative Day*

For the past several years, the Engineers' Club has joined with PA chapters of the American Society of Civil Engineers, Pennsylvania Society of Professional Engineers, American Council of Engineering Companies/ PA and other organizations in visiting state legislators during a May Legislative day. This year, ACEC/PA is taking the lead and has set **Tuesday, May 10** as 2011 Legislative Day. While details have not yet been announced, please plan on joining us in Harrisburg that day to meet with legislators and discuss the issues important to engineers. This is particularly important in this time of tight budgets. The legislative meetings will be scheduled for you—you only need to indicate in advance that you are coming so you can be included. Stay tuned for more details.

## *New Corporate Members*

The Club is pleased to welcome three new Corporate Members. AECOM, with its main local office in Philadelphia, has joined as a Silver Member. Michael Baker, Jr., Inc. with offices in Philadelphia and Horsham, and TREC Group of Springfield, PA have joined as Bronze members. More information on these new Club supporters will be included in future issues of the *Bulletin*.





## *Affiliate Affairs*

***Affiliate Society Leadership Summit:*** The next Affiliate Society Leadership Summit will be Tuesday, May 3. We are looking at different formats and venues for the summit, to continue to meet the needs of the society leaders. Engineering and technical society leaders are encouraged to put this on their calendars and look for more details to come.

***Affiliate Awards Recognition:*** At the recent DVEW events, we recognized over 40 projects or individuals who had been honored by 11 technical societies over the past year as Project or Engineer / Member of the Year or similar designation. We encourage you to submit the names of your award recipients as you conduct your awards program for next year's recognitions. Go to <http://www.dvewc.org/awards/affiliateAwards.php> for more information and how to submit. The Awards and Proclamation Luncheon, during which these award recipients are recognized, will be Friday, February 17, 2012.

## Club Announces Board Nominations

In accordance with the Club's bylaws, the Club's Nominating Committee presents the following nominations for vacant positions on the 2011-2012 Board of Directors:

**Secretary: Richard A. Mulford, PE**  
**Treasurer: Michael A. Porter, PE**  
**Director: James P. Markham, PE**  
**Director: Christopher I. McCabe, Esq**  
**Director: Devonne Jackson, PE**

Additional nominations may be presented, in writing, if endorsed by at least ten percent of Members in good standing. With a current membership of 468, the number of members required to sign a petition is 47. Nominating petitions, along with a letter from the proposed candidate expressing their willingness to serve if elected, shall be presented to the Club office by 5:00 pm on March 23, 2011.

If there are no petition candidates, the Secretary will cast the ballot and the results published to the membership. If there are petition candidates for any office, a ballot will be distributed to each member.

The members of the Board will be installed at the Annual Meeting on June 21.

## Agency Partner Membership

The Club has a new membership category – agency partner. Recognizing that most governmental or quasi-governmental agencies are not in a position to be corporate members, and recognizing that employees of these agencies are frequently not reimbursed for their dues (as may happen in the private sector), the Club has created this new category.

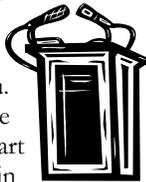
As part of this partnership, the agency will designate an enterprise "Champion", who will be a senior manager within the organization who has oversight of most or all engineering staff. The champion will help to promote Club membership among the employees and will make Club announcements, event notices, etc. to the agency employees.

A reduced dues rate of \$50 will apply to any agency partner employee who becomes a Club member.

To become an agency partner, complete the [Agency Partnership Application](http://www.engclub.org/pdf_files/Agency_Partnership_Application_2011_web.pdf) ([www.engclub.org/pdf\\_files/Agency\\_Partnership\\_Application\\_2011\\_web.pdf](http://www.engclub.org/pdf_files/Agency_Partnership_Application_2011_web.pdf)). For more information, contact [Susan Best](#).

## Speaker's Bureau

In response to various comments over the past few years, the Club is officially initiating a Speaker's Bureau. The intent is to be able to be a resource for speakers as part of student outreach efforts in the schools (both K-12 and collegiate), as speakers for the engineering and technical society regular programs and /or special events, and to speak to the press upon request. To make this work, however, we need information on **YOU!!** Please fill out the form at [tinyurl.com/ECP-Speakers](http://tinyurl.com/ECP-Speakers) and return to the Club.



## AIAA Symposium

The Greater Philadelphia Section of the American Institute of Aeronautics and Astronautics invites the region's technologists, scientists, managers, engineers, students, and educators to the Regional Technology Symposium on March 25, 2011 in Newtown, Pennsylvania.

The symposium brings together the present and future regional leaders in aerospace related sciences and engineering for purposes of enabling collaboration and partnerships within our region.

The keynote speaker will be Dr. Mark Lewis, Chair of the University of Maryland James A. Clark School of Engineering Department of Aerospace Engineering and President of AIAA.

AIAA GPS is pleased to partner with regional corporations and institutions as part of the collective goal for enhanced scientific enrichment, technology knowledge transfer, collaboration, and cooperation.

Check out the event website (<https://sites.google.com/site/aiaaphilly/home>.) for further details on the program, sponsorship, registration, and sponsors.

## Club's Board of Directors

President, 2010-2012: **Robert M. Wright, PE**, Urban Engineers, Inc.

President-Elect, 2010-2012: **Michael J. McAtee, PE**, Urban Engineers, Inc.

Vice President, 2010-2012: **E. Mitchell Swann, PE, LEED AP**, MDC Systems Corporation, LLC

Secretary, 2010-2011: **Michael A. Porter, PE**, TriState Building Systems Integrators

Treasurer, 2010-2011: **Richard A. Mulford, PE**, Retired

Director, Class of 2011: **James P. Markham, PE**, Pennoni Associates Inc.

Director, Class of 2011: **Carol C. Martsoff, PE, LEED AP**, Urban Engineers, Inc.

Director, Class of 2011: **Christopher I. McCabe, Esq.**, Jacoby Donner, PC

Director, Class of 2012: **Michael V. Griffin, PE**, Hill International, Inc

Director, Class of 2012: **Jeannette Quirus, PE, PTOE**, McCormick Taylor, Inc.

Director, Class of 2012: **Megan Symnick, PE**, Hill International, Inc.

Director, Class of 2013: **Christopher J. Menna, PE**, Philadelphia Department of Streets

Director, Class of 2013: **Peter M. Silverberg, PE**, Retired

Director, Class of 2013: **Lydia Kokolskyj**, Rutgers University

Past President, 2004-2006: **Joseph R. Symnick, PE, PLS**, Schuylkill River Development Corp

Past President, 2006-2008: **Ruben D. David, PE**, Philadelphia Department of Public Property

Past-President, 2008-2010 **Eric L. Flicker, PE**, Pennoni Associates Inc.

Executive Director (non-voting): **Susan L. Best, PE**

## *2011 Delaware Valley Engineers Week Sponsors*

The Delaware Valley Engineers Week Committee and all of the Engineers Week activities that it sponsors are funded solely by contributions from numerous individuals, corporations, societies, and educational institutions. Without their support, the Committee would not have the resources to recognize the achievements of the engineering communities in the Delaware Valley. The Committee would like to thank the following people and organizations for their generous support to Engineers Week events (contribution levels based on the combined contribution to the Golf Outing and Engineers Week):

### **1877 Club (\$5,000 +)**

- Urban Engineers, Inc.

### **Franklin (\$2,000 - \$3,499)**

- AECOM
- American Society of Civil Engineers, Philadelphia Section
- Burns Engineering, Inc.
- JACOBS
- Michael Baker, Jr., Inc.
- Modjeski & Masters, Inc.
- Pennoni Associates, Inc.

### **Edison (\$1,000 - \$1,999)**

- American Institute of Chemical Engineers, Delaware Valley Section
- Boles, Smyth Associates, Inc.
- Carr & Duff, Inc.
- Drexel University, College of Engineering†
- McMahon Associates, Inc.
- C.R. Pennoni, PE

### **Washington (\$500 - \$999)**

- Arora Engineers, Inc.
- Fenner & Esler Agency, Inc.
- Gannett Fleming, Inc.
- Geosynthetic Institute
- Greater Valley Forge Transportation Management Association
- GZA GeoEnvironmental, Inc.
- Johnson, Mirmiran & Thompson
- Kreischer Miller
- Langan Engineering & Environmental Services
- Joseph P. McAtee, PE
- McHugh Engineering Associates, Inc.
- Orth-Rodgers & Associates, Inc.

- Parsons Brinckerhoff
- Peerless Pump Company / Labour Pumps
- Pickering, Corts & Summerson, Inc.
- Sensys Networks, Inc.
- STV, Inc.
- Timothy Haahs & Associates, Inc.
- Traffic Planning and Design, Inc.
- URS

### **Baxter (\$250 - \$499)**

- American Society of Highway Engineers Delaware Valley Section
- Ammann & Whitney, Inc.
- Susan L. Best, PE
- Bursich Associates, Inc.
- EDiS Company
- Bruce A. Eisenstein, PhD, PE
- Eric L. Flicker, PE
- HAKS Engineers, PC
- Hatch Mott MacDonald
- Institute of Electrical & Electronic Engineers, Philadelphia Section
- Institute of Transportation Engineers, Mid-Atlantic Section
- Kriebel Engineered Equipment, Ltd
- KS Engineers, PC
- Metz Engineers
- Pennsylvania Society of Professional Engineers, Delaware County Chapter
- Gerald E. Speitel, PE
- Taylor, Wiseman & Taylor
- Thomas D. Larson PA Transportation Institute, Pennsylvania State University
- Walker Parking Consultants
- Yerkes Associates, Inc.

### **Slide Rule (\$150 - \$249)**

- Joseph Bordogna, PhD
- Matthew J. Burns, PE
- CHA Consulting, Inc.
- David A. DeLizza, PE
- KMJ Consulting, Inc.
- The Louis Berger Group, Inc.
- McCormick Taylor, Inc.
- Richard A. Mulford, PE
- Chris L. Rood, PE
- Skelly and Loy, Inc.
- Society of Women Engineers, Philadelphia Section
- Robert M. Wright, PE

### **Pocket Protector (\$50 - \$149)**

- American Institute of Aeronautics and Astronautics, Greater Philadelphia Section
- Elizabeth A. Catania, PE
- International Society of Automation, Philadelphia Section
- LTL Consultants, Ltd
- Nave Newell, Inc.
- Prime Engineering, Inc.
- Robert E. Blue Consulting Engineers, PC
- Rodriguez Consulting, LLC
- Joseph R. Synchron, PE
- Tri-State Engineers and Land Surveyors, Inc.

### **Special Recognitions**

- American Institute of Chemical Engineers, Delaware Valley Section: Program Sponsor
- McCormick Taylor, Inc.: Program Design Services
- Urban Engineers, Inc.: Luncheon Title Sponsor
- Kriebel Engineered Equipment, Ltd: Luncheon Bar Sponsor
- Signal Service, Inc.: Social Bar Sponsor
- Timothy Haahs & Associates, Inc.: Social Food Sponsor
- McMahon Associates, Inc.: Social Entertainment Sponsor

## *Additional Information*

Additional information on all the award recipients and committee members are on our website at [www.dvewc.org](http://www.dvewc.org). Photos of the events soon will be added.

The Program for this year's celebration, as well as the *Engineers Week Supplement* to the *Philadelphia Business Journal* are available at <http://engrclub.org/to/DVEW-2011-Program> and <http://engrclub.org/to/EW-Supplement-2011>, respectively.



# Engineers' Club Membership

## Engineers' Club of Philadelphia

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of the Delaware Valley

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Executive Director: Susan L. Best, PE, [sbest@engrclub.org](mailto:sbest@engrclub.org)

Visit Us On The Web @ [www.engrclub.org](http://www.engrclub.org)



### The Bulletin Staff

**Editor:** Susan Best

**Staff and Contributors:** Dick Mulford, Bob Wright, Jocelyn Craighead

**Additional Staff /Articles Welcome** - send to Susan Best at the Club office.

The Club is the focal point for the engineering community in the Delaware Valley and provides a unified voice for the profession. It stimulates interest in the field so young people want to become an engineer. It helps build future leaders in the engineering profession to ensure excellence in engineering continues in the Philadelphia region for generations to come.

It is an exciting and energized time for the Club – full of many new initiatives and opportunities for both the Club and its members. The Club offers **individual (including students) and corporate memberships, agency partnerships,** and an **affiliate society membership** package. We are also looking towards developing partnerships with other organizations with overlapping interests.

We invite you to become a member. Please consider urging your company to become a corporate member. It may be a very cost effective way for your company to handle Club membership.

For further details about membership packages please visit our website at [www.engrclub.org](http://www.engrclub.org) or contact Susan Best, PE, Executive Director, at [sbest@engrclub.org](mailto:sbest@engrclub.org) or (215) 985-5702.

### Gold Members



### Silver Members



### Bronze Members

