

### TIME FOR OUR "SABBATICAL"...

It's that time again (already – didn't we just do this?), even though it seemed for a while that winter didn't want to end... We have concluded another successful season and our Section's extended summer vacation is in sight, meaning that publication of *THE NEWS* is completed until the fall. While in our minds this is a somewhat sad occasion, we realize there will probably be some celebration and dancing in the streets. As this would be Engineers dancing, it will surely not be a pretty sight, so please try to avert your eyes, and it would be best if you did not allow young children or those with weak stomachs or hearts to witness this.

Whether you call this a "sabbatical" (we believe this is Latin for "chillin'" but we can't confirm that), a hibernation, a long siesta, us being lazy, or merely an extended trip away from the production offices of *THE NEWS*, the busy and dedicated staff of said *NEWS* (and you may have noticed we actually have a staff these days!) will put our pens, blue pencils and keyboards down and leave our monthly obligation for a short while. While many of you will ask (a) why we need a break and (b) a break from exactly what, this is our tradition so this is what we'll do. We do promise that we'll reopen the production office in the late June/early July timeframe for a possible Summer edition, should the incoming Officers and Board want us to do that. (You are welcome to sway them otherwise...)

Thus, this is our last full edition of *THE NEWS* until our 2018-19 season begins in September. We hope our legions of fans will be able to bear with (or without?) us until then, and we wish you a good summer and maybe some actual warm weather.

#### ASCE VISION

*Civil Engineers are global leaders building a better quality of life.*

#### ASCE MISSION

*Provide essential value to our members and partners, advance Civil Engineering, and serve the public good.*

## SPRING SOCIAL AND DINNER DANCE THURSDAY, MAY 3, 2018

Our annual Spring Social will be conducted on **Thursday, May 3**. We hope you will be able to join us for our end-of-season festivities, socializing, networking and fun at an interesting venue. Come celebrate with drinks, dinner and our **2018 Awards Ceremony** and meet our **Delaware Valley Science Fairs** winners.

**LOCATION:** Sky Philadelphia/Top of the Tower, 1717 Arch Street, Center City

**TIME:** networking/social 6:00, dinner 7:00, activities follow dinner

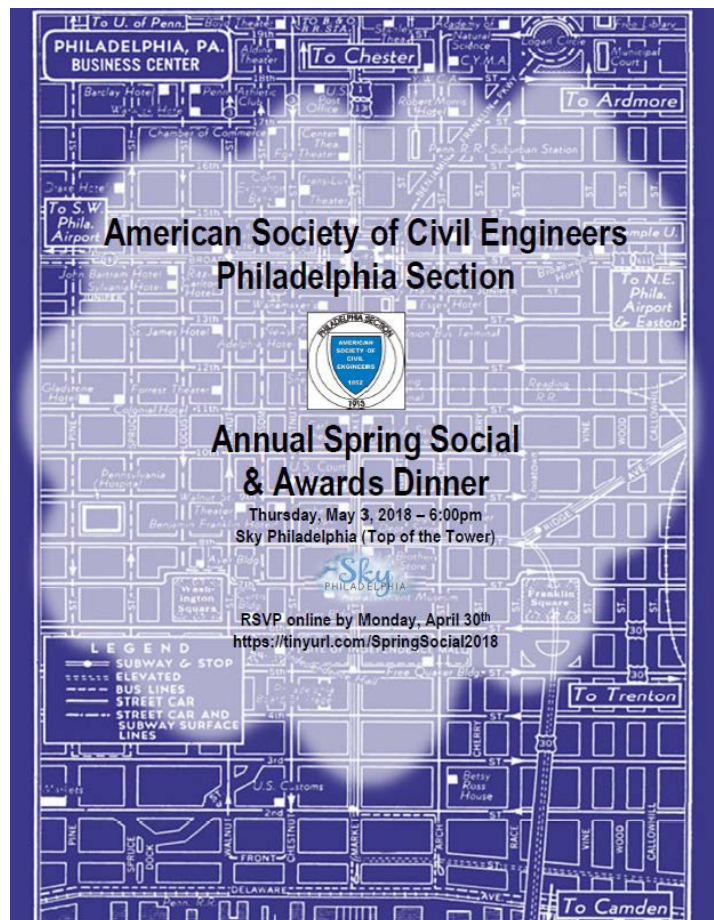
**COST:** \$70 members, \$40 government employees and students. The cost includes two free drink tickets.

**MEAL CHOICES:** Roasted Breast of Chicken w/Jus de Poulet; Pan-seared New York Strip; Chefs choice vegetarian option; Children's Menu

RSVP's are due by **April 30**. Please visit our website ([www.asce-philly.org](http://www.asce-philly.org)) for more information on reservations.

#### ALL REGISTRATIONS ARE FINAL.

Due to our commitment with our event venues, cancellations or no-shows will be invoiced for the full cost of the event. Registrants are able to transfer their registrations to others without penalty.





## PRESIDENT'S MESSAGE

Dear Section Members,

As the 2017-2018 ASCE season ends, I'd like to look in the rear-view mirror of this past year. At the onset of the season, I had challenged the Board to focus on improving for our Section's 105th year. Thanks to the Board's efforts, here's the progress we made on those areas:

- **Engaging New Volunteers:** When we put the call out for new volunteers, our Section exceeded my expectations by how many volunteered and how much time they dedicated! **Mike DeVuono, Greg Dunn, Tania O'Kane and Wenjing (Wendy) Yang** consistently ran our dinner meeting check-in table. **Pat McCourt** and **Walt King** served on our Financial Audit Committee. **Lindsay Chateauvert** and **Assunta Daprano** became regular contributors to *THE NEWS*. **Cricket Slattery** has helped on the Section and state-wide levels with the 2018 Pennsylvania Report Card on Infrastructure. Thanks to **Kevin Brown**, he furthered this initiative by creating a "member spotlight" to recognize our volunteers during dinner meetings and in our newsletters. Kevin strategically highlighted those that volunteer with the Section, our Technical Groups, and the national organization to show there's a variety of ways to volunteer with ASCE.

- **Improving Operations:** Our Board worked diligently on multiple fronts to deliver on this goal. **Kazi Hassan** streamlined our dinner check-in process to eliminate the long lines from previous seasons. **Jen Reigle** led the way to create the framework for a team of non-Board members to conduct our Section's first Financial Audit in recent memory. **Briana Earle** worked with our Board members to create a depository for standard operating procedures and to create an organizational chart to show our structure for our over 40 Board/committee positions. **Bob Wright** gave our Section newsletter a refresh by introducing blue font and lines for easier reading with more pictures (which did require a little more work for our webmaster **Joe Natale**). I also am also thankful for the courage of our Board to have our Section's first Members and Sponsors Only dinner meeting... which was sold out! And if these accomplishments weren't enough, our Board meetings ended earlier so we could enjoy our networking hour.

- **Government Relations:** **Spencer Finch** wholeheartedly educated our members with updates to state and federal political happenings through our email blasts, newsletter and Section dinner meetings. In addition, each month as part of my newsletter President's Message, I wrote about my personal attempts to educate myself about politics. I hope this inspired you to become more involved with government relations (or anything else for that matter, to see that small incremental attempts to go outside of your comfort zone can add up over time).

In addition to the above initiatives, the Section also identified multi-year endeavors to advance. **Angelo Waters** led the committee to create a mural to recognize Civil Engineering accomplishments. Recognizing the impact of the YMF's CivE club, **Joe Natale** spearheaded the effort to explore the creation of a financial need based scholarship for high school seniors interested in Engineering.

I would also like to thank our volunteers for their continued commitment to ASCE including: **Angelo Waters** for organizing our monthly Section dinner meetings that consisted of interesting presentations; **Kazi Hassan** for coordinating our PDHs and coordinating with our Technical Groups/Institutes and the YMF; **Jennifer Reigle** and **Joe Natale** for managing our finances; **Briana Earle** for her friendly reminders of the Section's action items; **Mohamed Elghawy** for writing our bimonthly email blasts and recognizing our Life Members; **Andrew Bechtel** for running our college scholarships; **Kevin Brown** for recognizing our Past Presidents; **Spencer Finch** for his government relations updates; **Joe Natale** for keeping our website current; **Troy Illig** for coordinating with Maggiano's and leading our Spring Social event; and **Jeanien Wilson** for her efforts to engage government employees with ASCE. I am also thankful for our volunteers in our Technical Groups/Institutes and the YMF. It's because of their efforts, we're able to bring together ASCE members from a variety of technical disciplines within the Philadelphia area. While there's too many volunteers to note, I'd like to recognize their leaders: **Nha Truong** (YMF), **Archie Filshill** (DVGI), **Joe Fazio** (SEI), **Dennis MacBride** (Construction), **Eric Lindhult** (EWR), and **William Thomsen** (Transportation & Urban Development). Lastly, I would like to thank **Bob Wright** for his passion to selflessly serve ASCE. For years, Bob has provided mentorship to the Board and tackles some of the most challenging roles the Section has to offer.

On a final note...in November, I was asked to co-chair the 2018 Pennsylvania Report Card on Infrastructure. While my first inclination was to turn down this opportunity due to my current commitment as Section President, I remembered that I was surrounded by incredible people in the Philadelphia Section (and throughout the state), that I could depend upon to come up with new ideas and deliver upon them. When I took on co-chairing the Report Card, I was blown away at the support I got from the Board when they happily took on various Presidential responsibilities since I was wearing two hats.

It's been a wonderful experience serving the Section this year and thank you for the opportunity. I look forward to the great things the Section will do under Angelo's leadership this upcoming season.

Sincerely,  
Cathy Golata Farrell, P.E.  
President, ASCE Philadelphia Section  
cgfarrell@hntb.com | 610-290-5108

## ASCE, PHILADELPHIA SECTION OFFICERS AND BOARD OF DIRECTION — 2017-18 SEASON

### PRESIDENT

Cathy G. Farrell, HNTB, Inc.

### PRESIDENT ELECT

Angelo Waters, Urban Engineers, Inc.

### VICE PRESIDENT

Kazi M. Hassan, Pennoni Associates, Inc.

### SECRETARY

Briana Earle, Langan Engineering  
& Environmental Services

### ASSISTANT SECRETARY

Chris Renfro, Phila. Dept. of Streets

### TREASURER

Jennifer Reigle, Pennoni Associates, Inc.

### ASSISTANT TREASURER

Joseph Natale, WSP

### MEMBERSHIP SECRETARY

Mohamed Elghawy, Traffic Planning &  
Design, Inc.

### DIRECTORS

Andrew Bechtel, College of New Jersey ('17-'19)

Kevin Brown, Urban Engineers, Inc. ('17-'19)

Spencer Finch, Langan Engineering &  
Environmental Sciences ('16-'18)

Troy Illig, WSP ('16-'18)

Joseph Natale, WSP ('16-'18)

Jeanien Wilson, Phila. Dept. of Streets ('17-'19)

### PAST PRESIDENTS\*

Guy DiMartino, Traffic Planning & Design, Inc.

AnnMarie L. Vigilante, Langan Engineering &  
Environmental Sciences

Joseph Platt, Traffic Planning & Design, Inc.

*\*2nd and 3rd Past Presidents are non-voting members.*

*In addition, we have a number of Committees which handle various activities. Please visit our website for more information on how you can serve on one or more of these.*

### President — Cathy G. Farrell, PE

Department Manager, Transportation  
HNTB, Inc.

1650 Arch Street, Suite 1700

Philadelphia, PA 19103

610-290-5108

cgfarrell@hntb.com

### Secretary — Briana Earle, PE

Staff Engineer

Langan Engineering and Environmental Services

PO Box 1569

Doylestown, PA 18901-0219

(215) 451-6500

bearle@langan.com

### PUBLICATIONS COMMITTEE

#### Editor of *THE NEWS*

Robert Wright

#### Editorial Assistants

Lindsay Chateauvert, Assunta Daprano

#### Section Outreach Coordinator

Briana Earle

#### SEND COPY TO:

ASCE, c/o Urban Engineers, Inc.

530 Walnut Street

Philadelphia, PA 19106

#### COPY DEADLINE FOR

Summer 2018 ISSUE

June 29, 2018

**YOUNGER MEMBER FORUM NEWS**

**Lindsay Chateauvert**, Forum Editor  
**Nha Truong**, Forum President 2017-18  
 Philadelphia Water Department  
 1101 Market Street  
 Philadelphia, PA 19107  
 nha.truong@phila.gov

**ASCE'S LEGISLATIVE FLY-IN DAY**  
**MARCH 13-14**

YMF Board members, **Tim Abel** and **Joe Natale**, participated in **ASCE's National Legislative Fly-In**. Joining Section President **Cathy Farrell** and Member **John Caperilla**, as well as over 200 National Members, they spent the day on Capitol Hill visiting their Senators and State Representatives.

The Fly-In is one of ASCE's focused efforts to connect with legislators on the importance of smart infrastructure spending. Tim and Joe were able to meet their own Congressman **Brian Fitzpatrick** of Bucks County and joined the entire ASCE team from Pennsylvania in meeting with the legislative assistants of both **Senator Casey** and **Senator Toomey**. *The ASCE Fly-In was a very rewarding experience, and our attendees can't wait to continue their advocacy work at home!*



**2018 GETT CONFERENCE**  
**MARCH 17**

The **18th Annual Girls Exploring Tomorrow's Technology (GETT) Conference** took place at Phoenixville Area Middle School in Phoenixville. Each year, the Conference provides a unique opportunity for hundreds of girls in 5th through 10th grades from New Jersey and Pennsylvania, to meet and socialize with successful women in STEM careers! They are able to talk with the women, learn about how fun and rewarding it is to work in a STEM related career, as well as do a hands-on activity at each table. This year was another great success, with over 800 girls and 300 parents in attendance!

As part of the Conference, Philadelphia YMF members **Milissa Hirst**, **Melissa Mo**, and Society Liaison Chair **Paige Glassman**, led an activity at their table called the MacGyver Challenge: Impossible Tower. Using a sheet of paper, a foot of masking tape, and one paper clip, each student had to build the tallest structure! Students weighed the importance of building a strong base while trying to conserve paper to add to the height of the structure. The winning struc-



ture was 35 inches tall and remained standing on its own throughout the Conference.

**JOINT HAPPY HOUR WITH DELCO PSPE**  
**MARCH 29 • SLIGO**

YMF gathered with members of the Delaware



County Chapter of the Pennsylvania Society of Professional Engineers (PSPE) at Sligo in Media. Over 25 attendees enjoyed networking and small bites co-sponsored by YMF and PSPE, followed by a series of brief technical presentations with one PDH being offered to participants! **Eric P. Johnson** from Pennoni presented on the Thompson Ave / Sproul Rd Sewer Extension in Springfield and **Margaret McDevitt**, also from Pennoni, presented on the improvement Project in Coatesville. Finally, **Kristin Leese** and **Rebecca Reyman** from Amtrak, presented on the Major Infrastructure Renewal Project that took place in Penn Station in New York City. All three presentations were not only informative but engaging and well received. The YMF would like to extend a thank you to all presenters, attendees, and PSPE for yet another successful year of this event!

**MIDWEST REGION STUDENT CONFERENCE**  
**MARCH 30-31 • CORALVILLE, IA**

As a corresponding member of ASCE's Committee on Student Members (CSM), Past President, **Kevin Brown**, attended the Midwest Region Student Conference in Coralville, Iowa. The conference was hosted by the University of Iowa and brought together Civil Engineering students from the Midwest who participated in the steel bridge competition as well as the Mead Paper presentations. Kevin observed all aspects of the conference, which was attended by over 200 students, and presented on the importance of staying involved with ASCE post-graduation!

**CIVIL ENGINEERING CLUB**

YMF is currently seeking the help of local Civil Engineers to volunteer with the program as meeting hosts, presenters, or field trip hosts for the upcoming spring semester. Additionally, YMF is seeking assistance in planning local, exciting, Civil-Engineering-related field trips for our middle school student club members. For more information, or to get involved, please contact YMF CivE Club Co-Chairs, **Tim Abel (tabel@pennoni.com)** or **John Doyle (jdoyle@trafficpd.com)**. We look forward to the rest of the year and hope you will join us in educating middle school students about the field of Engineering!



**THANK YOU TO MY READERS**

Over the past year, I've been fortunate to be able to write for your newsletter. It has been a pleasure. The articles I wrote had to do with the skills that are so often not taught in a formal course—and yet, they are the skills for success as leaders.

That is what my company does: turns potential into reality. I've worked with highly technical professionals, newly promoted managers, high potentials, and veteran leaders who might need a refresher in being the best leader s/he can be. I am invited into companies to design and deliver workshops or coach individually on topics like the ones you have been reading. If you've got the motivation, I've got the strategies (and the patience) to help you succeed.

If you check out my website, [www.awlearningconsultants.com](http://www.awlearningconsultants.com), you can learn more about the topics that I cover. Recently, I helped a group with critical thinking. Often, I work with people on becoming confident and persuasive speakers. Companies hire me to work with their sales reps on building a good pitch. Leaders who are interested in succession planning call on me to help with delegation and feedback so they can groom their successors. When it's discovered that messages are not read because they are confusing, I've worked on business writing with individuals and groups. I've helped multiple organizations with meeting management. There is nothing worse than time (and money) wasted by participating/leading a meeting that has no result. I've helped with time management—something that is often difficult for leaders who have a myriad of tasks lined up, but need help in prioritizing and working smart.

Leadership is necessary for success, and a good coach is necessary to guide you to that success. So, in addition to my articles that offer generic advice, I would be delighted to work with you or your team on a specific scenario. Feel free to contact me if I can help you.

Much success to you all!

— Anne Weisbord

*Anne Weisbord, president of Career Services Unlimited, has been a communications consultant for over 20 years. She has worked with professionals in a wide range of industries helping them become more compelling, confident, and articulate speakers and leaders. [www.awlearningconsultants.com](http://www.awlearningconsultants.com).*

**Sometimes we stare  
 so long at a door  
 that is closing  
 that we seek  
 too late the one  
 that is open.**

— Alexander Graham Bell

## APRIL DINNER MEETING

April 12, 2018

Inn at Villanova University, Radnor, PA

### Breakout Sessions

by Robert Wright, Editor

The evening before Friday the 13th seemed to be the first day of spring, despite the official one being nearly 3 weeks and a couple of nor'easters before. After the winter that seemingly wouldn't go away, this nice day coincided with our annual visit to what used to be the Villanova Conference Center, now renovated and rebranded as the Inn

at Villanova (the renovation being the reason we were unable to use this facility last year for this meeting). A crowd of nearly 120 turned out for our annual multi-topic event, our last meeting of the season (and many of us were wondering where said season seemed to have gone so quickly). The topics, which were all good and

## SCIENCE FAIRS — PROJECTS REVIEWED, WINNERS SELECTED

We know that Engineers often have trouble counting, but we believe from our records that our Section has been participating in the Delaware Valley Science Fairs for 26 years, as of the most recent Fairs on April 4. (We suspect the administration of the Fairs has the same "affliction", as it awarded our participants 20-year pins last year...) In any event, our intrepid judges attended the Fairs to review student projects and find the winners of our Section's Special Awards. This team, led as always by Past President **Chris Rood**, ably assisted by Past President **Bob Wright** and kept in check by "the rookie" **Michael Lembo**, spent most of the day at the Greater Philadelphia Expo Center in Oaks to serve as judges for our Special Awards. These Awards recognize a first and second place finisher in individual projects in the Grades 6-8 and Grades 9-12 categories.

The plural in the Science Fairs title is not a typo, as the event is a compilation of 13 different science fairs across a fairly large geographic area, stretching to the Jersey Shore, all of Delaware, and the Lehigh Valley, bringing students whose projects have won school district and local contests to compete on a regional level. The top medal winners at the Fairs can move on to the International Science and Engineering Fair later this spring.

We always are hopeful that we are able to recognize and encourage some future Engineers who we believe are deserving of special honor. Our judging team held to its usual goals of efficiency and efficacy, reviewing most of the over 900 individual student efforts to find those with some Engineering potential. Despite the projects being classified into various science disciplines, including Engineering, our judges often find that they must review many projects in other areas such as physics, earth sciences, environmental sciences, and mathematics that may touch on the ubiquitous nature of Civil Engineering. Sometimes these projects cross different disciplines, and sometimes they are merely misplaced. The high quality of many of the entries only serves to complicate the decision-making process.

After a lot of reviewing, which involved a good deal of walking around the expanse of the Expo Center, our intrepid team sorted through and short-listed several projects and came up with two winners in each of the categories of Grades 6-8 and Grades 9-12.

The winning students and their projects were:

### Grades 6-8 First Place

#### Dean Siedlecki

8th Grade

Pittsgrove Township School, Pittsgrove, NJ

"Which Wood is the Strongest?"

### Grades 6-8 Second Place

#### Marissa Lux

8th Grade

Patton Middle School, Kennett Square, PA

"The Great Quake"

### Grades 9-12 First Place

#### Nathan Nazareth

10th Grade

Central Bucks High School – West, Doylestown, PA

"Minimizing Earthquake Casualties"

### Grades 9-12 Second Place

#### Sydney Iseminger

12th Grade

Bishop Shanahan High School, Downingtown, PA

"Concrete Facts"

Chris Rood attended the award ceremony on April 5 and presented commemorative plaques and checks to the winning students (\$100 for each First Place and \$75 for each Second Place winner). The photo below is from the ceremony, with Chris, Dean, Marissa and Nathan posing with their plaques. The First Place winners will be invited to attend the Spring Social so they can show off their work and "rub elbows" with Engineers. We hope they will be able to attend so the rest of us can see the Engineers of the Future and allow them to display their winning efforts.

Thanks to the students and to those who participated in this event.

More information on the Fairs can be found at [www.drexel.edu/dvsf](http://www.drexel.edu/dvsf).



made the choice of which to attend difficult, were:

### Interoperability: BIM and Structural Design Software

Speaker: Michael Warren, AECOM

Sponsored by the Structural Engineering Institute

### Paulsboro Marine Terminal Wharf Design and Construction

Speakers: Michael Wagner, Urban Engineers and Chris Lawrence, CH2M/Jacobs

### In Situ Characterization of Subsurface Stiffness Using Surface Waves: Geotechnical Applications, Limitations, and Recent Developments

Speaker: Joseph Coe, Ph.D., Temple University

For her final time at a dinner meeting this season, Section President **Cathy Farrell** got everyone's attention with her pounding of the gavel to get them organized and seated. She made a few announcements and introduced two representatives of the featured Student Chapter, Villanova University. Chapter President **Ed DePaola** and Board Member **Hannah Booz** updated those in attendance on the Chapter's recent happenings.

President Farrell brought Section Director/Scholarship Chair **Andrew Bechtel** to front and center to cite the Section's scholarship recipients for this season (please see the separate article on this).

President Farrell, with the assistance of President Elect **Angelo Waters**, introduced the newly-inducted Life Members in attendance and brought them up to receive their certificates and be appropriately honored (please see the separate article on this).

Another custom of sorts at our April meeting is **Past President Night**. Past Presidents were invited to attend as guests of our Section and 16 of them were able to attend and receive a complimentary meal in appreciation of their service. President Farrell welcomed Director **Kevin Brown** to the podium to call them to the front to be cited. (Please see the separate article on this.)

President Farrell returned to the podium as dinner was winding down and closed the business part of the meeting by thanking everyone for their assistance in the operation of our Section and giving her the opportunity to serve and lead our Section. With that, she closed the main portion of the meeting and dispersed attendees to the three breakout sessions.

## ENVIRONMENTAL AND WATER RESOURCES GROUP PLANNING

The **Environmental and Water Resources Technical Group** will be holding a meeting on **May 2 at 6:00 PM in Blue Bell** to plan its meeting schedule for 2018-19. If you have any recommendations for topics/speakers, or are interested in attending, please contact Group Chair **Eric Lindhult** at [eric.lindhult@gmail.com](mailto:eric.lindhult@gmail.com) or 215-852-0068.

## SECTION OFFICERS AND BOARD OF DIRECTION – 2018-19 SEASON

The incoming slate of Section officers and Board members for next season will be installed at our Spring Social. This slate is as follows:

*President:* **Angelo Waters**, Urban Engineers, Inc.

*President Elect:* **Kazi Hassan**, Pennoni Associates, Inc.

*Vice President:* **Troy Illig**, WSP

*Secretary:* **Briana Earle**, Langan Engineering & Environmental Services

*Treasurer:* **Jennifer Reigle**, Pennoni Associates, Inc.\*

*Membership Secretary:* **Mohamed Elghawy**, Traffic Planning & Design, Inc.

*Directors:* **Andrew Bechtel**, College of New Jersey\*

**Kevin Brown**, Urban Engineers, Inc.\*

**Spencer Finch**, Langan Engineering & Environmental Services

**Joseph Natale**, WSP

**Nha Truong**, Philadelphia Water Department

**Jeanien Wilson**, Philadelphia Department of Streets\*

*Past Presidents:* **Cathy Farrell**, HNTB

**Guy DiMartino**, Traffic Planning & Design, Inc.\*\*

**AnnMarie L. Vigilante**, Langan Engineering & Environmental Services\*\*

\*These positions have one year remaining to serve in their current terms.

\*\*In accordance with our Constitution and Bylaws, only the immediate Past President will serve on the Board, and only for a one-year term. We show the most recent three Past Presidents as has become our tradition.

In addition, we will have these folks in appointed positions:

*Assistant Secretary:* **Caroline “Cricket” Slattery**, Advantage Engineers

*Assistant Treasurer:* **Joseph Natale**, WSP

We wish these brave and generous folks our collective good luck for the coming season.

## SUCCESSFUL CIVIL ENGINEERS DO THIS WHEN IT COMES TO PROFESSIONAL ASSOCIATIONS

Before I give you the advice I want to share in this post, let me qualify it for you.

The strategy I'm going to share is not something I came up with myself, but I have had success using it. Between hosting the Civil Engineering Podcast and working on the book I'm writing for ASCE on how to become a seller-doer, I have talked with almost 100 Civil Engineering leaders. I also run an online workshop called the Engineering Management Accelerator, so I've been able to verify that this strategy works with some of the most motivated up-and-coming Engineering managers in the world.

So what is this career-boosting strategy I am referring to? Simple. Join and get active in professional associations. When I say “active,” I mean taking on a leadership role at any level.

You might be saying to yourself, “That’s all he wanted to tell me?” I know, it sounds too simple to be such a powerful strategy, but it works.

### WHY WAIT?

Many Civil Engineers I know either wait too long to join a professional association, or they join, but they don't volunteer for a leadership position. Successful Civil Engineers always tell me they developed their speaking abilities, their confidence, and their network, by taking on leadership roles in professional associations.

I know what you're thinking — “I don't have time to take on more responsibilities.” Well, I am here to tell you that, actually, you can't afford not to.

### 10 BENEFITS THAT YOU CAN REAP FROM A LEADERSHIP ROLE IN A PROFESSIONAL ASSOCIATION

You will:

- Work on and improve your management skills in some capacity
- Improve your communication skills by collaborating with other volunteers
- Become more known in your industry and community by being more visible
- Build a network of other motivated professionals who are also volunteering
- Make friends (I know this sounds like something you would focus on in elementary school, but building friendships is satisfying throughout life)
- Gain confidence by speaking in front of groups of people
- Show your company that you are a leader
- Drive positive change and growth in your field through your volunteer work
- Improve your productivity skills, because you'll have to, in order to fit this work in
- Open yourself up to an unlimited amount of career opportunities

I could keep going, but I think you get the point. So why don't you do it right now? Go ahead, write an email to your local society leader and tell them you'd like to get involved at a leadership level.

If you still have doubts, just keep reading the 10 points above until you're ready.

You have nothing to lose and everything to gain.

Thanks to **Anthony Fasano** (“Ask Anthony”) for this information.

## PAST PRESIDENTS HONORED IN APRIL

It has become another in a series of Section traditions to honor our Past Section Presidents at our April meeting. Each April, we invite them to come out, be recognized, and enjoy a dinner courtesy of the Section (not necessarily in that order of priorities!) to cite their contributions to the Section. We are always happy to see them, and many of them are in attendance at Section meetings when their busy schedules permit.

This year, we were pleased to see 16 (!) of them taking the time to be at the April meeting:

Joseph Syrnick 1980-81

J. Richard Weggel, 1989-90

Klaus Fuelleborn, 1992-93

Robert Wright, 1993-94

William Thomsen, 1994-95

Darin Gatti, 1997-98

Faruq Siddiqui, 1999-2000

Thomas Branigan, 2000-01

Chris Rood, 2001-02

Ruben David, 2002-03

Christopher Menna, 2005-06

Mark Tiger, 2008-09

Kristen Bowman Kavanagh, 2009-10

Thomas Brady, 2010-11

Jeremy Colello, 2012-13

Guy DiMartino, 2016-17

Thanks to Director **Kevin Brown** for contacting the Past Presidents and getting them to come out. We think the free dinner might have been an enticement.



*Pictured from left to right – Tom Branigan, Bob Wright, Rich Weggel, Joe Syrnick, Bill Thomsen, Cathy Farrell, Mark Tiger, Darin Gatti, Ruben David, Chris Rood, Klaus Fuelleborn, Chris Menna, Kristen Bowman Kavanagh, Tom Brady, Guy DiMartino, Jeremy Colello (Faruq Siddiqui arrived after the photo was taken)*

**A teacher  
affects eternity;  
he can never  
tell where his  
influence stops.**

– Henry Adams

**TECHNICAL GROUPS/CHAIRS**

Information on the ASCE, Philadelphia Section's Technical Groups is given below. If you have any topics that you think would be of interest to the Groups, please feel free to pass this information along to the appropriate Group Chair.

**CONSTRUCTION**

Dennis MacBride  
dmacbride@septa.org

**DELAWARE VALLEY GEO-INSTITUTE (DVGI) www.dvgi.org**

Archie Filshill  
archie@aeroaggregates.com

**ENVIRONMENTAL AND WATER RESOURCES**

Eric Lindhult  
eric.lindhult@gmail.com

**STRUCTURAL ENGINEERING INSTITUTE (SEI) www.sei-philly.org**

Joe Fazio  
jfazio@hntb.com

**TRANSPORTATION AND URBAN DEVELOPMENT**

William T. Thomsen  
wthomsen@urbanEngineers.com

Please check the noted websites as well as the main Section site ([www.asce-philly.org](http://www.asce-philly.org)) for up-to-date information on Technical Group meetings and events. These will be included in our regular e-mail blasts as well.

**Even if  
you fall on  
your face,  
you are  
still  
moving  
forward.**

— Victor Kiam

**YOUR CARD CAN BE HERE!**

**CONTACT US AT  
[newseditor@asce-philly.org](mailto:newseditor@asce-philly.org)  
FOR DETAILS**



1818 Market Street, Suite 1410  
Philadelphia, PA 19103-3616  
T: (215) 832-3500  
[www.stvinc.com](http://www.stvinc.com)

**Ultra-Lightweight Aggregate  
Made from 100% Post-Consumer Glass**

**ENGINEERS, SCIENTISTS, SURVEYORS, & PLANNERS  
[www.pennoni.com](http://www.pennoni.com)**

**TRANSPORTATION SOLUTIONS BUILDING BETTER COMMUNITIES**  
Engineering | Planning | Design | Technology  
[www.mcmahonassociates.com](http://www.mcmahonassociates.com)

**Malarkey Consulting**  
Project Management Simplified  
Ann M. Tomalavage, P.E., PMP, LEED AP  
President  
annomalarky.us  
*Project management simplified.*

**VOLKERT**  
J. Michael Wintermute, P.E.  
Vice President  
Volkert, Inc.  
Cell 484.864.2468  
michael.wintermute@volkert.com [www.volkert.com](http://www.volkert.com)

**Moving Forward Together**  
Services:  
• Transportation Planning & Permitting  
• Transportation Systems Management & Operations  
• Multimodal, Complete Streets & Trail Design  
• Construction Management & Inspection  
• Environmental Services & Permitting  
• Bridge Design & Inspection  
• Highway Design  
• Traffic Signal & System Design  
• Expert Witness Support for Crash Investigations  
TPB TRAFFIC PLANNING AND DESIGN, INC.  
Offices located in PA, NJ, and MD [www.TrafficPD.com](http://www.TrafficPD.com) | 215.622.2525

**JBC ASSOCIATES, INC.**  
Construction Management  
120 S. Warner Road, Suite 100  
King of Prussia, PA 19406  
610.992.9090  
Fax 610.992.9099  
[www.jbcassociates.com](http://www.jbcassociates.com)  
*"Success is in the details. We handle them for you."*

**listen. think. deliver.**  
HARRISBURG 3605 Vartan Way, Suite 202, Harrisburg, PA 17110, 1.717.541.4001  
WAYNE 993 Old Eagle School Road, Suite 408, Wayne, PA 19087, 1.610.293.0450  
PHILADELPHIA Two Penn Center Plaza, 1500 JFK Boulevard, Suite 1208, Philadelphia, PA 19102, 1.215.636.0600

**Michael Baker INTERNATIONAL** We Make a Difference  
**Proud to celebrate 20 years in the Delaware Valley Region**  
Fort Washington • Philadelphia  
[MBAKERINTL.COM](http://MBAKERINTL.COM)

**DREXEL UNIVERSITY**  
Civil, Architectural & Environmental Engineering  
Part-Time and Full-Time Graduate Study (funding available for full-time study)  
Structural Engineering, Geotechnical/Geosynthetics Engineering, Architectural Engineering, Environmental Engineering, Sustainable Engineering, Hydraulics, Hydrology & Water Resources, Air Quality  
Dr. Charles Haas, F.ASCE, Head, Civil, Architectural & Environmental Engineering, haascn@drexel.edu  
Dr. Peter DeCarlo, Graduate Advisor, (215) 895-2345, pfd33@drexel.edu

**HNTB** HNTB Pennsylvania Locations:  
1450 Arch Street, Suite 1200, Philadelphia, PA 19102, 215.584.4500  
400 American Avenue, Suite 100, King of Prussia, PA 19406, 610.272.3310  
4107 N. Front Street, Suite 300, Harrisburg, PA 17110, 717.526.7915  
OVER 50 YEARS OF INFRASTRUCTURE SOLUTIONS  
[www.hntb.com](http://www.hntb.com)

**WSP** | **PARSONS BRINCKERHOFF**  
Strategic Consulting, Planning, Design, Program Management, Construction Management, Operations & Maintenance  
For career opportunities and/or information, please visit [wsp-pb.com/usa](http://wsp-pb.com/usa)

**VUSP**  
VILLANOVA URBAN STORMWATER PARTNERSHIP  
[www.villanova.edu/VUSP](http://www.villanova.edu/VUSP)

**URBAN ENGINEERS**  
Formulating Excellence  
Founded 1960 | ISO 9001:2008 Certified | Employee-Owned  
[www.urbanengineers.com](http://www.urbanengineers.com)  
Additional Offices: PA, DE, MD, NJ, NY, CT, TX  
530 Walnut Street, Philadelphia, PA 19106  
Y: 215.922.8080  
\*Non ISO Registered

# N-ASCE\*

## THE SONS OF MARTHA

“The Sons of Martha” was written by poet Rudyard Kipling in 1907. It was inspired by the biblical story of Jesus at the home of Martha and Mary and celebrates the care and dedication of workers who perform their duties, mainly unseen and often unrecognized or cited, for the safety and comfort of others. Many have called this the “Engineers’ poem” for that reason. We offer this as an end-of-season read for you.

The Sons of Mary seldom bother, for they have inherited that good part;  
But the Sons of Martha favour their Mother of the careful soul and troubled heart.  
And because she lost her temper once, and because she was rude to the Lord her Guest,  
Her Sons must wait upon Mary’s Sons, world without end, reprieve, or rest.  
It is their care in all the ages to take the buffet and cushion the shock.  
It is their care that the gear engages; it is their care that the switches lock.

It is their care that the wheels run truly; it is their care to embark and entrain,  
Tally, transport, and deliver duly the Sons of Mary by land and main.  
They say to mountains, ‘Be ye removed’. They say to the lesser floods, ‘Be dry’.  
Under their rods are the rocks reproved – they are not afraid of that which is high.  
Then do the hill-tops shake to the summit – then is the bed of the deep laid bare,  
That the Sons of Mary may overcome it, pleasantly sleeping and unaware.

They finger death at their gloves’ end where they piece and repiece the living wires.  
He rears against the gates they tend: they feed him hungry behind their fires.  
Early at dawn, ere men see clear, they stumble into his terrible stall,  
And hale him forth like a haltered steer, and goad and turn him till evenfall.  
To these from birth is Belief forbidden; from these till death is Relief afar.  
They are concerned with matter hidden – under the earthline their altars are;

The secret fountains to follow up, waters withdrawn to restore to the mouth,  
And gather the floods as in a cup, and pour them again at a city drouth.  
They do not preach that their God will rouse them a little before the nuts work loose.  
They do not teach that His Pity allows them to leave their work when they damn-well choose.  
As in the thronged and the lighted ways, so in the dark and the desert they stand.  
Wary and watchful all their days that their brethren’s days may be long in the land.

Raise ye the stone or cleave the wood to make a path more fair or flat:  
Lo, it is black already with blood some Son of Martha spilled for that:  
Not as a ladder from earth to Heaven, not as a witness to any creed,  
But simple service simply given to his own kind in their common need.  
And the Sons of Mary smile and are blessed – they know the angels are on their side.  
They know in them is the Grace confessed, and for them are the Mercies multiplied.

They sit at the Feet – they hear the Word – they see how truly the Promise Runs:  
They have cast their burden upon the Lord, and – the Lord He lays it on Martha’s Sons.

\*N-ASCE – Not always something concerning Engineering...

## THANKS AGAIN TO OUR SPONSORS!

As you have seen, the Section Sponsorship Program was once again popular this season, with 15 firms taking part and supporting us. We extend our special and collective THANKS to each sponsor for their financial commitment and support.

Sponsor logos have also been included in a special Sponsors section of our website, where a direct link is provided to each sponsor’s website to allow folks to easily visit and review potential employment openings and positions. In addition, their business cards are published in each edition of *THE NEWS* to show their commitment and support.

As usual, we will be contacting current sponsors later this summer (after our hiatus) to see if they will be returning as sponsors for next season. And, if you’re not among this group but would like to be, please contact **Bob Wright** at [newseditor@asce-philly.org](mailto:newseditor@asce-philly.org) for more details and information.

## SECTION COMMITTEES

Our Section runs very well and it is mainly a result of the dedication and service of our many volunteers, both our Officers and Board Members as well as our various Committees. While many of you know the former group well, you may not be all that aware of the latter. Our Committees address many of our regular and ongoing issues and keep our Section vibrant and in the forefront of service to our membership. A list of our current Committees, chairs and members is provided below.

This list is intended to let you know what Committees there are and who serves on them, in order to recognize their diligence and service. Additionally, if you have a particular interest in helping the Section as a Committee volunteer, this list advises you what groups we offer. If you would like to join a Committee, please reach out to us at [info@asce-philly.org](mailto:info@asce-philly.org) or through our Section Secretary, **Briana Earle** (contact information is provided on page 2).

**ASCE Philadelphia Report Card Promotion** – Cricket Slattery  
**Audit** – Kazi Hassan (chair), Tom Branigan, Walt King, Pat McCourt

**Awards** – Bob Wright (chair), Carol Martsolf, Allan Moore, Joe Natale

*Engineers Week Hall of Fame Recognition* – Ruben David

**Budget and Finance** – Jennifer Reigle (chair)

**Civil Engineers in Government** – Jeanien Wilson (chair), Ruben David, Bob Wright

**College Scholarship** – Andrew Bechtel (chair), Joe Natale, Angelo Waters

*High School Scholarship Exploration* – Joe Natale (chair)

**Communications** – Briana Earle (chair)

*E-mail Outreach* – Mohamed Elghawy

*Webmaster* – Joe Natale

*Newsletter* – Bob Wright (editor), Assunta Daprano, Lindsay Chateauvert, Spencer Finch

*Sponsorship* – Bob Wright

**Continuing Education** – Angelo Waters (chair)

**Humphrey Fund** – John Zarsky (chair); Ruben David, Joe Platt (trustees); Briana Earle, Cathy Farrell (members)

**Membership** – Mohamed Elghawy (chair)

**Mural** – Angelo Waters (chair), Briana Earle, Joe Natale, Ann Tomalavage, Bob Wright

**Nominating** (for Board Positions) – Cathy Farrell (chair), Troy Illig, Joe Natale, Angelo Waters, Bob Wright

**Program** – Angelo Waters (chair)

*Venue Coordination* – Troy Illig

*Check-in/Name Tags* – Mike DeVuono, Greg Dunn, Mohamed Elghawy, Tania O’Kane, Jeanien Wilson, Wendy Yang

**Society Relations** – Cathy Farrell (chair)

*Region 2 Governors* – Carol Martsolf, Jack Raudenbush

*Region 2 Younger Member Representative* – Chris Renfro

*PA Council* – Ann Tomalavage, Bob Wright

*Legislative Affairs* – Spencer Finch

**Subsidiary Groups** – Kazi Hassan (chair)

*Construction Management* – Dennis MacBride

*Delaware Valley GeoInstitute* – Archie Filshill

*Environmental and Water Resources* – Eric Lindhult

*Structural Engineering Institute* – Joe Fazio

*Transportation & Urban Development* – Bill Thomsen

*Younger Member Forum* – Nha Truong

**Spring Social Committee** – Troy Illig (chair), Briana Earle, Kazi Hassan, AnnMarie Vigilante, Jenn Walsh, Jeanien Wilson, Bob Wright

## NEWLY-INSTALLED LIFE MEMBERS HONORED IN APRIL

Life Membership in ASCE is a major milestone in a member's tenure. To achieve Life Membership, one must have reached the age of 65, paid dues for a minimum of 30 years, and have 10 years' continuous membership immediately preceding the attainment of Life Membership. And, even better, Life Members are exempt from dues and need only pay a small service fee to receive ASCE News and Civil Engineering magazine.

We are proud to announce our Section's 17 "new additions" to the Life Membership level this year

Petronilo "Noli" Alarcon  
 Charles Ballod  
 Eveann D'Onofrio  
 Owen Esterly  
 Larry Farkas  
 Daniel Fiorello  
 Michael Griffin  
 Joseph Haines  
 Andreas Heinrich  
 Roman Korobij  
 Paul Marano  
 Gerard Myers  
 Bohdan Pazuniak  
 Randall Rentschler  
 Francis Senske, Jr.  
 Brian Sullivan  
 Steven Wittmer

We were pleased to be able to have Mrs. D'Onofrio and Messrs. Alarcon, Ballod, Farkas, Fiorello, Griffin and Marano in attendance at our April Section meeting as our guests for their citation and congratulations.



*Pictured from left to right – Angelo Waters, Larry Farkas, Noli Alarcon, Mike Griffin, Eve D'Onofrio, Charlie Ballod, Dan Fiorello, Paul Marano, Cathy Farrell*

**The direct use of force is such a poor solution to any problem, it is generally employed only by small children and large nations.**

— David Friedman

## 2018 SECTION AWARDS SLATE – CONGRATULATIONS!

Our Section Awards will be presented at our Annual Spring Social and Dinner Dance on May 3 at Sky Philadelphia/Top of the Tower in Center City. More information and details on the Social are included elsewhere in this issue.

As reported in the April edition of The News, a slate of eight Award recipients have been nominated for these honors and approved by our Section Board of Directors. The honorees are:

**William Thomsen**, Urban Engineers - Philadelphia Civil Engineer of the Year  
**Jesse Gormley**, Pennoni Associates - Philadelphia Young Civil Engineer of the Year  
**Katrina Lawrence**, Delaware Valley Regional Planning Commission - Young Government Engineer of the Year  
**Melissa Logan Gillespie**, TRC Solutions – Geotechnical Engineer of the Year  
**Carmen Zappile**, Philadelphia Industrial Development Corporation – Engineering Manager of the Year  
**Franco Montalto**, Drexel University – Environmental/Water Resources Engineer of the Year  
**John Doyle**, Traffic Planning & Design, and **Timothy Abel**, Pennoni Associates – Community Outreach and Service Award

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

## SECTION SCHOLARSHIPS AWARDED

We are happy to report that Section Scholarships were awarded to two deserving students. After the Scholarship Committee's review of several applications, it recommended two awards this year – one to **Kerianne Chen** of Drexel University, for our Section Scholarship, and one to **Isabella Mouradian** of Villanova University, for our Section Member Scholarship. Isabella was able to attend our April Section Meeting to be recognized and receive her check.

Thanks to the Scholarship Committee and Chairman **Andrew Bechtel** for handling this always difficult task, which was not made any easier by the caliber of the candidates and submissions.

The Delaware Valley Engineers Week/ASCE Undergraduate Scholarship was awarded to **Megan Cullison** of Widener University during Engineers Week in February. This is administered and selected by the Engineers Week Committee and funded by our Section.

Congratulations to all of our Section Scholarship recipients!

## PROFESSIONAL DEVELOPMENT REQUIREMENTS UPDATE

As you may be aware, professional engineers, land surveyors and geologists in many states are required to obtain continued professional development (CPD) credit to renew their licenses in many states. Locally, this includes Pennsylvania, New Jersey and Delaware.

There is a bit of a "double whammy" for some of you (us?) this year. New Jersey PE's will expire on April 30 and if you have one you will likely already received your renewal notice (and the more intrepid of you likely have already taken care of this). Delaware PE's will expire on June 30. For each state, license renewal will require the licensee to certify that he/she has earned the required 24 professional development hours' (PDH) worth of valid instruction, training and/or education in the licensing period. There is allowable carryover for PDH's that were earned prior to the last license renewal but not applied to that renewal. Thus, if you need some PDH's to get "there", now may be the time to start scurrying around to find them.

As you may also be aware, our Section's meeting program is generally able to count toward your continuing education requirement (meetings that the Section believes would not count will be prefaced as such in the meeting announcement) for many states (New York and Florida being two exceptions where coursework pre-approval by the state board is required). We also offer various Technical Group and YMF meetings and events that offer PDH credit. We continue to have a verification program in place to help our members obtain and track PDH's. Also, through our monthly meeting schedule, we generally offer at least a half-dozen opportunities for you to pick up PDH's. Over a two-year licensure period, this could amount to half of what one needs to meet many states' requirements.

Also, you may have noticed that you can earn up to 5 PDH's by choosing to attend up to 5 on-demand webinars offered by National as a free benefit of your membership. There is a list of over 60 such webinars from which you can choose. Information on this is available in the Membership section of the ASCE National website ([asce.org](http://asce.org)).

And for those of you who don't yet have PE after your name and may be considering "taking the plunge" for an upcoming PE exam in the future, please check ASCE's live exam review courses. This allows one to interact with instructors during live webinars and access free on-demand recordings 24/7 until the exam date. The courses reference codes specified by NCEES for the exam. You can feel confident with the most comprehensive and convenient way to prepare for and pass the exam. More information is available on the ASCE National website ([asce.org](http://asce.org)).

And a possible tip on renewal – in Delaware the administrators of PE licensure have advised PE's that there is greater likelihood that those who wait until the last minute to renew will be audited. As we were always told in grade school (and apparently remembered), a word to the wise is sufficient.