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



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NON OMNIA POSSUMUS OMNES (WE CANNOT ALL DO EVERYTHING)

2023 Section Awards

Our Section Awards will be presented at our **Spring Social** on **May 4**. More information and details on the Social are included to the right of this section.

As we announced in the April edition of *THE NEWS*, this year's Awards recipients are:

- **Robert Traver**, PhD, Villanova University – *Philadelphia Civil Engineer of the Year*
- **Assunta Daprano**, AECOM – *Philadelphia Young Civil Engineer of the Year*
- **Helen Robinson**, GEI Consultants – *Geotechnical Engineer of the Year*
- **Cliff Schwinger**, IMEG Group – *Structural Engineer of the Year*
- **Kevin Malley**, Philadelphia Water Department – *Young Government Engineer of the Year*
- **Nooraldean Dabdoub**, Lennar Development, and **Kayla Nelson**, Schnabel Engineering – *Community Outreach and Service Award*

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

More information on our awardees and a full report on the Spring Social will be included in our October edition of *THE NEWS*.

N-ASCE*

LIGHTS OUT FOR BOATHOUSE ROW, FOR NOW

The bright lights of the famous Boathouse Row, long one of Philadelphia's signature nighttime sights, are going dark, at least for now. Outlining a cluster of historic boathouses along the Schuylkill River near the Art Museum, the twinkly lights reflect off the water and give definition to the unique architecture of each building.

In late March, the lights were switched off and taken down as work got underway on a \$2.1 million replacement project. If all goes to plan, a new, upgraded lighting system should be ready for this year's winter holiday season. The buildings store the sculls used by rowing crews, and have wide garage-door-like bays that open onto ramps that slope down to the water's edge. Many have steep roofs or Tudor or Victorian-influenced architecture, which are accentuated by the lights.

Continued on page 5

SPRING SOCIAL

THURSDAY, MAY 4, 2023

We hope you will be able to join us at our **Section's Spring Social and Awards Banquet** at the **Down Town Club** in **Center City**. At the Social we will salute another successful season for our Section as we enjoy drinks and dinner with an in-person celebration (the first Social since 2019 to offer this outside of our "modified" version last spring).

Our 2023 Section Awards recipients and the winners of our Delaware Valley Science Fairs Special Awards will be recognized and congratulated. We will welcome and install our incoming Officers and Board of Directors and thank those who have served in these positions over the past year. As always it will be an enjoyable and memorable event, and we hope you can join us to share in the festivities.

DATE/TIME: Thursday, May 4

Networking/social hour, 5:30 PM

Dinner following (approximately 7:00 PM)

Activities following dinner (until approximately 9:00 PM)

LOCATION: The Down Town Club, 600 Chestnut Street, Center City

FEES: \$85 per attendee; \$40 government agency employees and students;
Open bar for 4 hours

Registration is open through April 28 (prices will go up for reservations received April 29 and after)

Please RSVP through our Section's website (www.asce-philly.org)

Paypal is available for this event.

If you would like to reserve a table of 8–10, please indicate each table as a single registration

Due to our commitment with our event venue, 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.

Parking is available at several nearby garages and there is on-street metered parking in the area of the Down Town Club. Parking validation is NOT available.

2023–24 Slate — Officers and Board of Directors

The recommended slate of incoming Officers and Board of Directors for the coming season has been finalized and is provided on page 7. This group will be officially sworn into their respective positions at the Spring Social.

PRESIDENT'S MESSAGE



So here we are at the end of the 2022-2023 ASCE year, and I feel like I just finished writing my first message when the Phillies were in the World Series and the Eagles started their Super Bowl run. Just like our favorite sports teams, there was a lot of memorable moments to reflect that our Section was able to accomplish this year.

First off, I wanted to thank everyone who attended our last technical Section meeting on April 13th. It was our largest attended event of the year with 118 registrants and the first time since 2019 that we were able to hold this event at the Inn at Villanova. We had 3 great presentations hosted by our tech groups, DVGI, SEI and T&D/Construction. A special thank you to our speakers: Jason Fuller (HDR), John Volk (AECOM), Monica Trudeau (PIDC), Angelo Waters (Urban) and Megan Clayton (Pennoni) for taking the time to present their topics. We recognized our Past Presidents and 25 new Life Members! I also chaired my final ASCE Board meeting as President of the Philadelphia Section, and while it is a little bittersweet — I'm reminded again of my favorite quote as I reflect on all of the amazing things that our Section has accomplished this year:

"You can't really know where you are going until you know where you have been"

— Maya Angelou

This year's main focus was to re-establish normalcy in a post-pandemic world with our Section events. While we did try to bring back some of the traditional things we love about the Philadelphia Section for the past 109 years, we also tried to apply some of the lessons we learned from the pandemic, such as the QR codes and automatic PDHs, and uploading the Section presentations to our Virtual Library, which are free to for our ASCE Philadelphia Section Members! It's probably best to list out all of the things our Section was able to accomplish this year:

- 3 ASCE Section Monthly Meetings, featuring our Student Chapters at Maggiano's
- Our first DE&I technical presentation – Adversity in the Workplace
- Continued DE&I focus highlighting all the diverse holidays and national recognitions happening each month and inclusion of pronouns on name badges.
- Multi-Technical Meeting at the Inn at Villanova
- Villanova Urban Stormwater Partner Symposium
- 2022 ASCE PA Report Card & Mural Dedication Joint Release at Jefferson Station
- Multi-Society Meeting at Bala Country Club featuring Conshohocken Brewery
- YMF Winter Social
- ASCE Brochure released
- DVGI, SEI, EWR, Construction and TD&I Technical Webinars & In-Person Events
- Delaware Valley Engineer of the Year, Archie Filshill
- Delaware Valley Young Engineer of the Year, Hannah Iezzi
- Mid-Atlantic East ASCE Student Symposium hosted by Villanova & Temple Universities
- YMF Critical Issues Seminar

I could not end my last President message without thanking my incredible Section Board and board volunteers. You all take time out of your days, and often times nights and weekends, to make our Section run seemingly effortless. I encourage those reading this to check out who these Officers, Directors, Appointees and Honorary Members are by checking them out on our website. These are the folks you can reach out to say thanks and express any ideas on how to make our Section even better next year and beyond!

I am looking forward to our last event of the season, our Annual Spring Social! We will be hosting the event at the Down Town Club at 600 Chestnut Street on May 4th (May the 4th be with you!), where we will recognize our Section Scholarship Winners, Delaware Science Fair Winners, Section Awardees and inducting the 2023-2024 Section Board. This will be more of traditional style Spring Social, for those that remember the pre-pandemic days. This will be my last night as Section President, and I am excited to be able to introduce and pass off the gavel to Joseph Natale, the 2023-2024 ASCE Section President. As the Mandalorians say, "This is the Way!"

Thank you again to all of the support of our sponsors and membership this past year. We look forward to your continued support in the 2023–2024 year.

Best,
Mohamed A. Elghawy, PE
President, ASCE Philadelphia Section
melghawy@trafficpd.com | 484-363-2472

ASCE, PHILADELPHIA SECTION OFFICERS AND BOARD OF DIRECTION — 2022-23 SEASON

PRESIDENT

Mohamed Elghawy, Traffic Planning & Design, Inc.

PRESIDENT ELECT

Joseph Natale, DVRPC

VICE PRESIDENT

Jesse Gormley, Pennoni

SECRETARY

Dennis Willson, McCormick Taylor

TREASURER

Caroline "Cricket" Schreppler, Advantage Engineers

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DIRECTORS

Katrina Budischak, McCormick Taylor, 2021-23

Assunta Daprano, AECOM, 2021-23

Michael DeVuono, Arcadis, 2022-24

Archie Filshill, Aero Aggregates, 2022-24

Daniel Gleason, PennDOT, 2021-23

Danielle Schroeder, Gannett Fleming, 2022-24

PAST PRESIDENTS*

Briana Pampuch, Langan Engineering & Environmental Services

Jennifer Reigle, Pennoni

Kazi Hassan, CDM Smith

*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, these folks will serve in appointed positions:

ASSISTANT SECRETARY

Thomas Kulesher, JMT

ASSISTANT TREASURER

Patrick McCourt, PennDOT

Contact Us:

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1818 Market Street, 16th Floor, Philadelphia, PA 19103

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PUBLICATIONS COMMITTEE

Editor of *THE NEWS*

Robert Wright

Section Outreach

Jesse Gormley, Dennis Wilson

SEND COPY TO:

ASCE, c/o Urban Engineers, Inc.,
530 Walnut Street, Philadelphia, PA 19106

**COPY DEADLINE FOR SUMMER 2023 ISSUE
JULY 7, 2023**

PAST PRESIDENTS HONORED

It has become one of our Section's traditions to honor our Past Section Presidents at our April meeting, when we invite them to come out, be recognized, and be our guest for dinner, to cite their contributions to the Section. We are always happy to see them, and many of them are fairly regular attendees at Section meetings. We do know the offer of a free dinner doesn't hurt getting them out (after all, they are Engineers and therefore enjoy free things...). We were pleased that 14 Past Presidents were able to attend our April meeting and be recognized for their contributions and service, with many of them continuing to assist our Section in various ways even when their terms were finished.

Pictured (left to right) – **Angelo Waters** (2018-19), **Tom Brady** (2010-11), **Kristen Bowman Kavanagh** (2009-10), **Chris Rood** (2001-02), **AnnMarie Vigilante** (2015-16), **Mark Tiger** (2008-09), **Allan Moore** (2003-04), **Klaus Fuelleborn** (1992-93), **Ruben David** (2002-03), **Darin Gatti** (1997-98), **Bob Wright** (1993-94), **Cathy Farrell** (2017-18), **Joe Syrnick** (1980-81), **Kazi Hassan** (2019-20), the "next" Past President, **Moe Elghawy**

Thanks to **Membership Secretary Kevin Brown** for coordinating this, and thanks to our Past Presidents who were able to make this event.



LIFE MEMBERS – PRESENTING THE CLASS OF 2023

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 *Civil Engineering* magazine.

This year, we welcome our most recent group of incoming Life Members. Our "Class of 2023" is 25 members strong:

Stephen Cole	Lung-Yang Lai	Jeffrey Simmet
Joseph DeSantis	Harry Laspee	Thomas Srodin
Michael DiCamillo	Richard Martino	Carmen Valerio
Peter Fedun	Ronald Mersky	Richard Valiga
Caesar Gorski	Philip Moss	David VanOcker
Herbert Grant	John Mott	Robert Wright
Timothy Haahs	James Quinn	(Past President)
Bernard Jadach	Dilipkumar Radadia	Richard Zambito
Robert Kowalczyk	Linda Ratsep	

These recipients were invited to attend our April Section Meeting as guests of our Section to be cited and awarded their Life Membership certificates. Seven of these honorees were able to attend and receive their certificates and pins. Pictured from left to right with **Section President Moe Elghawy** are Messrs. **Gorski, Wright, Haahs, Jadach, Lai, VanOcker** and **Valiga**. This is



the first time in three years that we have been able to honor our new group of Life Members in person and it was good to be able to do that once again.

We are proud to congratulate this esteemed group, which represents over a combined 1000 years of ASCE membership, on this honorable accomplishment and thank them for their long-time support and involvement as Section members.



NEWS FROM NATIONAL VOTE FOR NATIONAL PRESIDENT-ELECT!

It's time to elect ASCE National officers again, and the election will open on May 1. All eligible members are eligible to vote on who will lead the Society. This year's official nominees for President Elect are Feniosky A. Peña-Mora, ScD, PE, and Brett C. Phillips, PhD.

Information on the two candidates is available at [asce.org](https://www.asce.org). In addition, pre-recorded answers to several questions from each candidate can be accessed at :

<https://www.asce.org/publications-and-news/civil-engineering-source/article/2023/04/07/asce-president-elect-official-nominees-answer-your-questions-ahead-of-2023-election>

There will also be contests for Region directors and governors.

You will shortly be receiving election e-mails from ASCE's provider to facilitate your participation in the election process. The ballot can also be accessed through ASCE National's website.

Voting will close at 6:00 PM on Wednesday, May 31.

One should keep his words both soft and tender, because tomorrow he may have to eat them.

–Andy Rooney

YOUNGER MEMBER FORUM NEWS

Kevin Malley, Forum Editor
 Tim Abel, Forum President 2022-23
 Amtrak, timothyshaneabel@gmail.com

Samuel Fels High School Visit

March 15

YMF visited Samuel Fels High School to give a presentation on Civil Engineering to a computer science class. Following the presentation on the various disciplines of Civil Engineering, the students worked in groups to design, build, and test straw bridges. They were surprised to see how many pennies their bridges were able to hold. The bridges held an impressive weight and were able to help demonstrate to the students how bridge design works.



Presentation at St. Joseph's Preparatory High School

March 24

YMF coordinated a presentation on Civil Engineering with St. Joseph's Prep. Greg Kuklinski, Region 2 Governor, attended and presented on this topic to high school students, using materials and slides prepared by YMF. Greg reported back that the presentation went well, with the students interested and asking good questions.

Mentorship Program Dinner

April

YMF's Mentorship program held its first formal dinner at the White Dog Café in University City. Mentees learned the formalities of fine dining etiquette through a fun, bonding experience with their mentors. Fine Dining is a key activity of business relations; this formal dinner served as an introductory experience for our members. Although not every dining experience will be fine dining, the lessons taken from the dinner can be used for any informal dining interaction.

A few key take aways:

- If a dessert is in front of you at the beginning of the meal, do not eat until dessert time! The cake is there to remind you to save room.
- The small fork is a seafood fork!
- When in doubt, use the outside utensils first and work your way in.
- Senior management (or those who offered) pay for the meal usually. Always offer and if they insist, offer to pay for the tip!

The Mentorship program focuses on "hands-on" experiences to grow both Mentees and Mentors. Our mentees and mentors are given a well-rounded experience including hands-on activities, special guest speakers, and social gatherings. For more information about the mentorship program, please contact **Sabrina Mamo** at smamo@carrollengineering.com.

We are all one beat away from becoming elevator music.

—Don DeLillo

APRIL SECTION BREAKOUT TOPICS MEETING

April 13, 2023

Inn at Villanova

By Robert Wright, Editor

A summer-like early spring day was a nice setting for being at the Inn at Villanova, with greenery in bloom and everyone looking forward to warmer weather (although admittedly a little early in the calendar for the 80-plus degrees outside, but...). The meeting had its usual good turnout, with nearly 120 folks participating in our last dinner event of the season, which was also hard to believe was already "here" as the year has very much flown by. The offering was our "usual" multi-topic breakout sessions, with three different topics available, as we have been doing sufficiently long to maybe start calling it our "tradition" at this point.

President Moe Elghawy, presiding over his last Section dinner meeting, got things started as folks settled down from networking and took their seats for dinner, updating everyone with current announcements and happenings. He recognized **Jack Cardinal**, **SEI Chair**, who cited the recipients of SEI's annual scholarship, **Andrew Kline** (Villanova), **Ma'or Lev** (Drexel), and **Kyle Schaeffer** (Widener), each of whom was present and accepted his award.

The **Villanova University Student Chapter** was featured at this meeting and President Elghawy invited **Chapter President Andrew Kline** and **Vice President Anthony Vendrella** to the podium for a short update on the Chapter's activities and plans. Following this, he brought **Kevin Brown** to the podium to cite the incoming "Class of 2023" Life Members (see the separate article on this) as well as the Past Section Presidents in attendance (see another separate article on this).

Following this, President Elghawy thanked those present for their help in making this another successful season for the Section and dismissed folks to the breakout rooms to continue the evening with the three separate technical modules:

Mid-Barataria Sediment Diversion Project in Louisiana

Presenter: **John Volk**, AECOM

Sponsored by the Delaware Valley Geo-Institute (DVGI)

Fern Hollow Bridge Emergency Replacement Project

Presenter: **Jason Fuller**, HDR

Sponsored by the Structural Engineering Institute (SEI)

Broad Street Quay Wall Reconstruction

Presenters: **Monica Trudeau**, PIDC, **Angelo Waters**, Urban Engineers, and **Megan Clayton**, Pennoni

Sponsored jointly by the Construction Management and Engineering Technical Group and the Transportation and Development Institute (T & DI)

With that, the breakout meetings continued and another successful Section meeting season was brought to a close.

While we were not able to provide individual reports on each breakout session, it appears each of these was well-presented and informative for those in attendance. The Officers and Board of our Section are pleased to have been able to bring high-quality and interesting presentations at each of our Section Dinner meetings this season and we hope you were able to participate in at least some of them.

The easiest way for me to grow as a person is to surround myself with people smarter than I am.

—Andy Rooney

MEMBERS IN THE NEWS

Russo, Schwinger Honored by AISC

The American Institute of Steel Construction presented some of its most prestigious awards to 11 remarkable people at the 2023 NASCC: The Steel Conference on April 12.

Section Members Frank Russo and Cliff Schwinger were among those cited with AISC Lifetime Achievement Awards which recognize individuals who have made a difference in the success of the structural steel industry.

Francesco Russo, PE, PhD Founder and President, Russo Structural Services



for his work advancing the state-of-the-art in the analysis and design of complex bridge engineering, bridge inspection, forensics, the inspection/emergency rehabilitation of complex bridge structures, and bridge education. With nearly 30 years of experience in bridge engineering, and having provided engineering services in over 35 states, Frank has wide-ranging experiences providing complex project support including major steel bridge design and rehabilitation. He is a trusted advisor to owners and clients nationwide. His experience includes developing training courses and materials in areas such as steel bridge analysis and design, bridge load rating, engineering for stability during construction, and fatigue and fracture for steel bridges.

Clifford Schwinger, PE Senior Structural Engineer, IMEG (formerly The Harman Group)



for his contributions to the development of the AISC Steel Construction Manual and his work to advance the understanding of high-quality structural steel engineering drawings, delegated connection design, and quality assurance. Cliff has more than 40 years of experience in structural design and is a renowned quality assurance expert. He joined The Harman Group, now IMEG, in 1986. He served as the full-time quality assurance manager between 2002 and IMEG's 2022 acquisition of The Harman Group and continues to perform structural engineering quality assurance reviews on many of the firm's projects prior to completion of design. He establishes office standards for design and documentation of designs, develops, maintains and updates a library of more than 1000 typical details, answers technical questions, and trains new engineers.

We congratulate Frank and Cliff on their honors.

Boathouse Row Lights

Continued from page 1

Strings of lights were first installed along Boathouse Row in 1979 ahead of Pope John Paul II's visit to Philadelphia. LED fixtures, offering new combinations of light colors and patterns, replaced the original lights in 2005. Since then, time, weather and wildlife have taken their toll, leading to failures and outages. It was determined that complete replacement would provide an upgraded and modern durable system and this made sense in terms of the budget.

Boathouse Row traces its history to the 1800's as Philadelphians flocked to the Schuylkill River for recreation and the city emerged as a major center of rowing. (Ironically, local residents continue to "flock" there and use the Schuylkill River Park and Trail today.) It became a National Historic Landmark in 1987, just upstream from the original Philadelphia Water Works, which is a National Historic Civil Engineering Landmark. Bonnie Mueller, commodore of the Schuylkill Navy, an association of amateur rowing clubs, said Boathouse Row occupies a unique place in the city. While its buildings are individually maintained by the clubs that own and use them, collectively they form "a very iconic and important public landscape. We recognize the lights of Boathouse Row mean something to people, and we see that as a gift and a responsibility," Mueller noted. "We are incredibly confident and

THANKS TO OUR SPONSORS

As you have seen, the Section Sponsorship Program was once again popular this season, with 13 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 for more details and information.

In addition to our Section Sponsorship Program, our Technical Group for the geotechnical specialty, the **Delaware Valley Geo-Institute (DVGI)**, has established a sponsor network of its own to help support its programs, student awards and scholarship. Its sponsors' cards are included in each edition of its newsletter, which can be accessed at the Group's website, www.dvgi.org.

These 33 (!) firms are the following:

Aero Aggregates*	Kleinfelder
American Geotechnical and Environmental Services (AGES)	Lafayette College
Aerix Industries	Langan Engineering and Environmental Services*
Colliers Engineering	Lehigh University
ConeTec	Menard Group USA
Drexel University*	Peirce Engineering
Earth Engineering	Pennoni*
ECS	Rimkus
Gannett Fleming	Rowan University
GEI Consultants	Schnabel Engineering
GeoStructures	Subsurface Contractors
Golder	Temple University
GZA	University of Delaware
Hillis-Carnes Engineering Associates	University of Pennsylvania
Inova Geosynthetics	Villanova University*
James J. Anderson Construction	Widener University
Keller	

Those marked with * are also Section sponsors. We extend our THANKS to each sponsor for their financial commitment and support.

excited to get the project going and are looking forward to celebrating its completion by the end of the year."

The new, programmable lighting system will have 6400 individual LED lights with 16 million color combinations (such as Eagles green on game day) mounted to a custom track that will help protect them against the elements. A private donor supplied most of the funding for the lighting project, while the City of Philadelphia, which is responsible for maintaining and operating the lights, is contributing \$600,000.

While the lights are dark, clubs will be able to do building repairs on areas that were previously inaccessible. One club is planning a roof replacement.

"It is so important for Philadelphians and for visitors alike to have this beautiful landscape," said the City's Parks and Recreation Commissioner, Kathryn Ott Lovell. "It's the image we think about when we think about Philadelphia. ... We have to take great care to put our best foot forward and make sure the physical beauty of our city reflects the passions of our residents."

Thanks to AP for this information.

*N-ASCE – not always something concerning Engineering

Science Fairs – Projects Reviewed, Winners Selected, and In Person!

The Delaware Valley Science Fairs marked its 75th anniversary this year, and for what we believe is our Section's 31st year of participation, we once again offered our usual Special Awards for student projects that involve or touch on Civil Engineering topics and concepts. And, as we usually pass along, 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. Roughly 900 individual and team projects were entered into the Fairs competition, with judging reviews conducted on April 5. Our "contingent" of five volunteer judges was available for the task this time around, with lots of experience in this group (four of them having done this for at least 20 years). The group, led by Past Section President **Chris Rood**, included Past Presidents **Ruben David**, **Chris Menna** and **Bob Wright**, and **Michael Lembo**. This group evaluated close to 40 Engineering-related projects to develop a short list of candidates to interview for our Section's Special Awards, which recognize a first and second place finisher in individual projects in the Grades 6–8 and Grades 9–12 categories.

This evaluation and review involves a bit of "legwork" and searching. 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 nature of Civil Engineering. Sometimes these projects cross different disciplines, and sometimes they are merely misclassified. Thus, our teams have to at least glance at each of the individual (non-team) offerings to develop their candidate short-lists, and this amounts to nearly 900 projects. The high quality of many of the entries only serves to complicate the decision-making process.

It is notable that our Section has been doing this as long as we have such that several past "alumna" who have received student awards are now among those in industry who are serving as judges. The Science Fairs has highlighted several of these individuals in its public relations materials.

After considerable review, our 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

"Does the Difference Between the Brackets on a Building Affect its Strength?"

Aisling Donahue

Immaculate Heart of Mary School, Wilmington, DE

As a side note, Aisling was our Second Place winner last year with her project on evaluation of different bridge types.



Grades 6-8 Second Place

"What is the Effect of Water Filtration on Drinkability?"

Condoleeza Oyseola

Indian Crest Middle School, Souderton, PA

Grades 9-12 First Place

"Investigating Asphalt Road Temperature Differentials for Electrical Production via Thermoelectric Generators"

Samantha Capili

Marine Academy of Technology and Environmental Science, Stafford Township, NJ

Grades 9-12 Second Place

"How Different Geometric Shapes and Arrays Affect the Strength and Proportion of a 3-D Printed Part"

Andrew VanPelt

Marine Academy of Technology and Environmental Science, Stafford Township, NJ

Chris Rood was able to attend the Fairs awards ceremony on April 6 and present the Section's plaques and prizes to Aisling and Andrew, pictured.

The First Place winners will be invited to attend the Spring Social so they can share their projects and knowledge with Engineers. We hope they will be able to participate 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.dvsf.org.

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 Committees and chairs for this season is provided below. We would like to thank these folks and their helpers for their contributions and diligence in helping our Section do what it does.

Additionally, if you have a particular interest in helping the Section as a Committee volunteer, please reach out to us at info@asce-philly.org or through our Section Secretary, **Dennis Wilson** (contact information is provided on page 2). Committee assignments may change for the coming season and this will be sorted out over the summer.

2026 ASCE National Convention – *Chris Menna* (chair), *Tim Abel*, *Kevin Brown*, *Moe Elghawy*, *Joe Natale*, *Jen Reigle*, *Bob Wright*

ASCE Brochure – *Katrina Budischak* (chair), *Archie Filshill*
Audit – *Jesse Gormley* (chair), *Cathy Farrell*, *Pat McCourt*, *AnnMarie Vigilante*

Awards – *Bob Wright* (chair), *Assunta Daprano*, *Mike DeVuono*, *Carol Martsolf*, *Allan Moore*, *Joe Natale*

Budget and Finance – *Cricket Schreppler* (chair), *Pat McCourt*

Civil Engineers in Government – *Archie Filshill* (chair), *Ruben David*, *Bob Wright*

College Scholarship – *Dani Schroeder* (chair), *Kazi Hassan*, *Tom Kulesher*

Communications – *Dennis Wilson* (chair)

Flyers – *Assunta Daprano*

Newsletter – *Bob Wright* (editor)

Social Media – *Mike DeVuono*

Webmaster – *Tom Kulesher*

Continuing Education – *Jesse Gormley* (chair)

Delaware Valley Science Fairs – *Chris Rood* (chair), *Ruben David*, *Michael Lembo*, *Chris Menna*, *Bob Wright*

History and Heritage – *Joe Natale* (chair), *Ruben David*, *Jesse Gormley*, *Bob Wright*

Humphrey Fund – *John Zarsky* (chair); *Ruben David*, *Joe Platt* (trustees); *Moe Elghawy*, *Dennis Wilson* (members)

Membership – *Kevin Brown* (chair), *Katrina Budischak*, *Jen Reigle*

Mural – *Angelo Waters* (chair), *Jen Reigle*, *Bob Wright*

Nominating (for Board Positions) – *Moe Elghawy* (chair), *Jesse Gormley*, *Joe Natale*, *Briana Pampuch*, *Bob Wright*

Program – *Joe Natale* (chair), *Dan Gleason*, *Bob Wright*

Venue Coordination – *Troy Illig*

Registration and Payment – *Mike DeVuono* (chair), *Katrina Budischak*, *Assunta Daprano*

Society Relations

Legislative Affairs – *OPEN*

Region 2 Board/Governors – *Carol Martsolf*, *Joe Platt*, *Pat Sullivan*

Region 2 Younger Member Representative – *Joe Natale*

Spring Social – *Troy Illig* (chair), *Kevin Brown*, *Moe Elghawy*, *Jesse Gormley*, *Briana Pampuch*, *Jen Reigle*, *Bob Wright*

Subsidiary Groups – *Jesse Gormley* (chair)

Construction Management and Engineering – *Bob Wright*

Delaware Valley GeolInstitute – *Jim Beideman*

Environmental and Water Resources – *Mike Thomas*

Structural Engineering Institute – *Jack Cardinal*

Transportation & Development Institute – *Bill Thomsen*, *Kazi Hassan*

Utility Engineering and Surveying – *Nha Truong*

Younger Member Forum – *Tim Abel*

LOOKING TO REFER A NEW MEMBER? OR SOMEONE WHO'S NOT AN ENGINEER?

ASCE's Member **Get A Member referral program** is a good way to refer prospective new ASCE members to our society. For each new member you refer, you can receive a **\$50 Amazon.com gift card** when they join. You can refer up to five colleagues at a time. More details are available at [asce.org](https://www.asce.org).

Also, please keep in mind that ASCE isn't just for Civil Engineers. While you may be surprised to learn this, ASCE allows non-engineers to be members as well, with a specific grade of membership – the Affiliate Member grade – available for this purpose. While those with Civil Engineering degrees and backgrounds can usually join ASCE right out of school as Associate Members (and are eligible for reduced levels of dues if they have been Student Members), the Affiliate Member grade is available to anyone having "an interest in the advancement of the purposes and objectives of the Society", as stated in the definition provided in the ASCE Register, who may not have been eligible for Student Membership and/or do not meet the criteria for Associate Membership. As such this grade is ideal for those who work in related fields who may have an interest in Civil Engineering but do not have a Civil Engineering degree. Affiliate Members enjoy the same benefits and perks of ASCE membership as do other member grades above Student. Additionally, you may want to let some of your colleagues and friends know about this so they can consider ASCE membership and you can get some cash for the referral.

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.

If you glance at your PA license you'll notice this is "the year" for renewal. Notices will likely be in your hands this summer and your current license expires on September 30. Thus, you may find that those 24 PDH's you'll need to attest you have for renewal might be something you need to actually get, and maybe more quickly than you might have planned.

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. 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. Over a two-year licensure period, our Section meeting program alone could amount to half of what one needs to meet many states' requirements.

The downside, if you're short at this point, is that we have little to no Section activity over the summer, so you may need to pick up those PDH's in another way. However, ASCE National offers free on-demand webinars and coursework that will get you up to 10 PDH's as a benefit of your membership. Information on this is available in the Membership section of the ASCE National website (www.asce.org).

If you don't yet have the letters PE after your name and are thinking about going for it, 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.

AND THAT'S A WRAP...

...which means the season is over, hard to believe. It seems as though every time we write this, it's too soon for us to be writing it. But the calendar tells us otherwise, along with the warmer weather and longer days. Thus our Section's extended summer vacation is nearly upon us, which means that *THE NEWS* goes away for a few months. We will return with new editions starting in September. Most likely, we'll take some time off from being off to put together a short summer edition, probably around Independence Day.

Until then, our intrepid and dedicated staff, somehow led by our mediocre Editor, will take a well-earned break, as is our tradition, for the summer, whether we've earned it or not. No doubt some of you might be wondering what exactly we think we have accomplished to have earned the opportunity to take a break from it. Please direct any outrages to newseditor@asce-philly.org. We promise we will read them (at some point – hey, it's our time off...).

Thus, this will be the last full edition of *THE NEWS* until our new season starts up in the fall. We wish you a good summer and we'll be here to welcome you back in September, when you will once again wonder where the time went.

2023-24 SLATE OF SECTION OFFICERS AND BOARD OF DIRECTION —

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Joseph Natale, DVRPC

PRESIDENT ELECT

Kevin Brown, TranSystems

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Katrina Budischak, McCormick Taylor

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Nooraldean Dabdoub, Lennar, 2023-25

Michael DeVuono, Arcadis, 2022-24

Ajin Fatima, Phila Department of Streets, 2023-25

Archie Filshill, Aero Aggregates, 2022-24

Danielle Schroeder, Gannett Fleming, 2022-24

Caroline Voigtsberger, Pennoni, 2023-25

PAST PRESIDENTS*

Mohamed Elghawy, Traffic Planning & Design Inc.

Briana Pampuch, Langan Engineering & Environmental Services

Jennifer Reigle, Pennoni

*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, these folks will serve in appointed positions:

ASSISTANT SECRETARY

Assunta Daprano, AECOM

ASSISTANT TREASURER

Patrick McCourt, PennDOT

We will continue to have honorary Board Members appointed as well and this group will be announced at the Spring Social.

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

Thanks to the Nominating Committee for this slate – **Mohamed Elghawy (chair), Jesse Gormley, Joe Natale, Jen Reigle and Bob Wright.**

SECTION AGENCY PARTNERSHIP PROGRAM

As you may be aware, our Section offers a Section Sponsorship Program to allow firms to help provide our various activities and programs for our membership and the Civil Engineering community in the Philadelphia area. This involves

a financial commitment which is reflected in the placement of the participant's logo and business card in *THE NEWS* and on the Section's website, along with several other benefits. Additionally, we have established an informal

recognition of government and quasi-government agencies for the assistance they have provided us, through volunteer assistance and award recognition among other things. Our Agency Partners' logos are shown below.



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The road to Easy Street goes through the sewer.

- John Madden