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#### SECTION OFFICERS

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President Kerry Henneberger, P.E. khenneberger@larsondesigngrou p.com

President-Elect Brandon R. Motuk, P.E.

Vice President Tim Carre, P.E., P.E.

Secretary Brian Williams, P.E. briwilliams@HNTB.com

Treasurer Duke Slifko, P.E.

Newsletter Editor Jason Taylor, P.E., P.G.

WELCOME NEW PROFESSIONALS: Andrew Hibbs, P.E. Nicholas Laeder, P.E. Robert Daughtry, E.I.T.

### **President's Message**

WOW, where did the summer go? The leaves are turning vibrant colors and there is finally a chill in the air, so it means another ASCE Central PA Section calendar year has begun. I am extremely honored to serve as the 2018-2019 President of the Central PA Section of ASCE. It promises to be an exciting year working alongside our board of directors. I want to express my



many thanks to Gary Garbacik for his dedication and leadership as President this past year, and to all the other board and committee chair members who have dedicated their time and for a job well done. As a volunteer organization, we could not function if it were not for all these outstanding individuals.

I would also like to thank all our sponsors and I encourage you to check out their websites. Cost of sponsorship is only \$200 per year. There are many benefits to sponsorship, including your firm's business card displayed in the newsletters, on the website and in the slide presentation at the dinner meetings. Sponsors can also post jobs on the website and in the newsletter. New this year, sponsors can post press releases in the newsletter. If your firm would like to become a sponsor, please contact our newsletter editor, Jason Taylor at <a href="mailto:taylor@sqcivil.com">taylor@sqcivil.com</a>.

Also, on behalf of the Section, I would like to congratulate Michelle E. Madzelan, P.E., F. ASCE as she has been elevated to the ASCE member grade of Fellow. This is a prestigious honor held by only 3% of ASCE members. We will be recognizing Michelle at the November dinner meeting.

Although we don't have Section dinner meetings over the summer, we have kept our members engaged. In June, the Central PA Environmental-Water Resources Technical Group toured the recently constructed Bloomsburg Levee along the Susquehanna River in Columbia County, PA. Our Annual Knoebels Picnic Day, a fun event for the entire family, was held in July. We enjoyed the seafood buffet, social and golf chipping contest at the ASHE-ASCE-WTS Picnic & Casino Night in August. We held our first dinner meeting in September and we were privileged to have Jennie Granger, PennDOT, Deputy Secretary for Multimodal Transportation provide an update on PennDOT's initiatives in the areas of freight, rail, ports, and aviation. The Penn College student chapter of ASCE hosted our October dinner meeting in Williamsport. John Conrad, P.E. of John P. Conrad Associates, LLC gave an insightful presentation on the bridge replacement of the Lycoming Valley Railroad bridge over Loyalsock Creek which was damaged by Tropical Storm Lee in 2011.





WELCOME NEW STUDENTS: Rvan Barone Scott Seneca Autumn Deitrick Ethan Fisher Crielle Cox Poe Myint Mehshad Amnini William Riehl Carter Barrick Jessica Roelli Jethro Nolt Maria Godoy Hannah Hess Evan Baker Luke Ashberry Joel Balbi Kyle Felty Raja Hanafiah Madelyn Krantz Luke Herman Jordan Barner Eli Bitner Matthew Burlew Dakota Bitner Christian Hagas Sishir Khanal Virginia Hankins Zhiyao Jia Samuel Howard Derek Grose Marissa Mottola John Ewurum Christin Solon Isabella Macioce Erin Brenneman Kylie Scovern Bravden Stine Sierra Scott Rachel Smolinski Emily Bogert David Witmer John May Alissa Anselmo Byonn Johnson Demetri Koutsokostas Austin Heidelbaugh Erick Cespedes Beltre Subhan Mahmood Tanner Decrapio Chyse Campbell Austin McClymonds Johathan Robinson Drew Shearer-Farling

I was fortunate to attend the 2018 ASCE Convention in Denver, CO, along with fellow member Michelle Madzelan. Michelle serves on the Technical Program Subcommittee who put together an exceptional slate of speakers. I would highly recommend attending a future Convention as a great way to earn PDH's and network with peers from all over the country. Next year's convention will be held in Miami, FL, on October 9-12, 2019.

SAVE THE DATE! Every four years, the Pennsylvania Sections of ASCE provide a report card on Pennsylvania's Infrastructure so that each citizen and decision maker can understand how Pennsylvania's Infrastructure is doing. All four Section's will be releasing the 2018 PA Infrastructure Report Card on November 14, 2018. The goal of the 2018 Report Card is to raise the public's awareness of how much investment is needed and to applaud the passage of the funding bill that helped raise the infrastructure grades as projects have been completed.

We would like to cordially invite you the Central PA Section's release on November 14 to be held at the Pennsylvania State Capitol Rotunda at 11:00 a.m. The event will last approximately 45 minutes. Representative John Taylor, 117<sup>th</sup> Legislative District, House Transportation Committee Chair has been confirmed as a guest speaker, with others pending. Stay tuned for more details, as they become available!

I hope to see you at upcoming Section events!

Sincerely,

Kerry E. Henneberger, P. E., M. ASCE 2018-2019 Central PA Section President khenneberger@larsondesigngroup.com

### Annual Joint Society Picnic and Casino Night Held in August

Submitted by: Christopher W. Smith, P.E.

Jessica Thompson



Each August, ASCE Central PA Section joins the American Society of Highway Engineers (ASHE) Harrisburg and Women in Transportation Seminar (WTS) Central PA for a night of picnicking and gambling (for fun of course). This year the picnic was held on Friday, August 24<sup>th</sup> and nearly 100 members and guests were in attendance. The festivities included: a golf chipping competition, social and networking hour, 50/50 raffle with half of the proceeds benefitting each organization's scholarship fund, and crabs, clams, shrimp, hamburgers and hot dogs for supper. The night concluded with attendees playing casino games

like black jack, poker and craps, where play money was won and traded-in for tickets. The tickets were in-turn used for a chance to win prizes like Apple Airpods, a Ring Video Doorbell, and food and spa packages just to name a few. The three organizations are planning to again hold the joint picnic next August. Hope to see you there!









#### 2018 ASCE Presidents and Governors Forum

Submitted by: Brandon Motuk, P.E., President Elect



On September 23-24, 2018, 103 Section and Branch Presidents, Region Governors and Society Directors from across the country and abroad attended the annual Presidents and Governors Forum (PGF) in Reston, VA at ASCE Headquarters. Locally, from the Central Pennsylvania Section, Kerry Henneberger, P.E. (President) and Brandon Motuk, P.E. (President-Elect) had the privilege of attending. Kerry and Brandon benefited from almost 3 days of networking with other ASCE leaders, leadership training, and gaining insight into the inner workings of ASCE.

The purpose of the PGF was to provide a venue for current Section/Branch President-Elects and Region Leaders to gain the knowledge to effectively and efficiently run their local units. The conference provided an opportunity for attendees to network and brainstorm with each other, learn about ASCE resources from other ASCE volunteers and staff and discuss Best Practices. Networking receptions were held on both Saturday and Sunday, with a group dinner on Sunday attended by most of the conference attendees.

On Sunday, topics included an "Introduction to your Presidency" and "How to Utilize your Governors"; an Introduction to Region 10; Roundtable Discussions on Section and Branch Challenges; and How to Be A Great Leader at Work and in ASCE. Seasoned ASCE leaders spoke about their experiences with Social Media and Student Transition Activities in their Section and Branch. President Kristina Swallow, President-Elect Robin Kemper, and Executive Director Tom Smith also shared their thoughts and experiences. Monday continued with additional Best Practice sessions on Struggling Sections and Branches, Developing a State Infrastructure Report Card, Attracting Younger Members through Diversity Programs, Student Transition,

and Successful Section and Branch Operations. The program continued with a presentation on Legal issues for Sections and Branches and an update on Dream Big, followed by a competitive game of JeopardASCE. Closing remarks were made by President-Elect Elect Kancheepuram Gunalan (Guna).

After two solid days spent with other ASCE leaders from around the country, Kerry and Brandon left with new knowledge that will help them in their upcoming years as leaders in the ASCE Central Pennsylvania Section.











#### September Dinner Meeting

Submitted By: Chris Messner, P.E., Transportation Technical Group Co-Chair



On Wednesday, September 12, 2018, attendees gathered to hear Ms. Jennie Granger who is the Deputy Secretary for Multimodal Transportation for the Pennsylvania Department of Transportation (PennDOT). Ms. Granger provided an overview of each multimodal area within Pennsylvania which include freight, rail, ports and aviation. She also reviewed current PennDOT multimodal initiatives in each area.

Ms. Granger, who is a certified planner, became the Deputy Secretary for Multimodal Transportation in July 2018. She provides oversight for Department initiatives and policy related to public transportation, aviation, rail freight, passenger rail, bike/pedestrian and ports. She previously served PennDOT as Special Assistant to the Deputy Secretary, Bureau Director of Aviation, and Director of PennPORTS. Jennie brings 24 years of progressive public and private sector experience in all facets of management and technical knowledge of multimodal transportation development Department.

### Central Pennsylvania Section News

#### Support the Central PA Section- Volunteer

The ASCE Central PA Section Board has the following open positions and are looking for interested individuals to fill them. If you are interested in any of the below positions, please contact Kerry Henneberger (khenneberger@larsondesigngroup.com).

#### Open Positions:

Construction Management Technical Group Chair Legislative Committee Chair Awards Committee Chair

#### Corporate Sponsorship

The Central Pennsylvania Section is looking for Corporate sponsors for the 2018-2019 year. This will include company logos being displayed at the monthly dinner meetings and in the newsletters. The newsletter is distributed to all ASCE members in the Section's 19-county area, from the Maryland line to the New York state border. Included are the metropolitan areas of Lancaster, York, Harrisburg, Lebanon, Sunbury, Williamsport, Lewistown, and State College. The distribution averages over 1,000 copies per issue.

It also allows businesses to post job opportunities on the section website and newsletter. In addition, press releases concerning company news and announcements can also be submitted for inclusion on the website and newsletter.









## Central PA Section Member Michelle E. Madzelan, P.E., F. ASCE Elevated to ASCE Fellow

Submitted By: Kerry Henneberger, P.E., President

The Central PA Section of the American Society of Civil Engineers (ASCE) recognizes one of our members, Michelle E. Madzelan, P.E., F. ASCE who has recently been elevated to the membership grade of Fellow.

ASCE Fellows have made celebrated contributions and developed creative solutions that change lives around the world. It is a prestigious honor held by only 3% of ASCE members.

There is no direct admission to the grade of Fellow. Fellow status must be attained by professional accomplishments via application and election by the Membership Application Review Committee. To be considered for the Fellow membership, a member of ASCE must:

- Be an ASCE Member for at least 10 years in good standing
- AND be a licensed Professional Engineer or Professional Land Surveyor in the United States or Country in which the reside
- AND have had responsible charge for not less than 10 years, in the grade of Member, of important work in engineering or surveying and be qualified to direct, conceive, plan, or design engineering works OR





Starting as a student member in ASCE, Michelle was active and involved in ASCE. Once in Pennsylvania, she became an active Central Pennsylvania Section Board member in 2005, serving as several officer positions, including the Central Pennsylvania Section President in 2013. Currently, she is the Director of Member Services, Central Pennsylvania Engineers Week Council representative, Transportation Technical Group Co-chair, and York College Practitioner Advisor. Nationally, she serves on the National Convention Technical Planning Subcommittee. She also serves as Chapter Liaison for the Central Pennsylvania Chapter of Women's Transportation Seminar. She also served as Past Chair of the Central Pennsylvania Engineers Week Council and remains on the Executive Board of the Council. Michelle was the recipient of the John H. McCormick Educational Outreach Award that recognized her significant efforts and contributions to educating students in science, technology, engineering, and math.

Michelle earned a bachelor's degree in civil engineering from the University of Dayton. She is a licensed professional engineer since 2004 and is registered in four states.







## Project Managing the Client Relationship - Three Ways to Ensure its Failure

Submitted By Nichole "Nicki" Jacobs, P.E., PTOE, Senior Transportation Engineer

A project manager's success is often dependent on the happiness of their clients. Many of us know that keeping every client happy is not the easiest task. Project managers experience client relationships that could sometimes end in failure. There are three ways to certainly guarantee failure in the long run. Plus, in case you want to speed up this process, there are three techniques to certainly guarantee a reduction in your potential client list.

- Always tell the client what they want to hear Keep the bad news to yourself. Take your time and find a solution. No need to get the client all worried about something you can fix on your own. It's not the first time you have been in this situation and it is much easier to just solve the problem yourself then to involve the client. If the client ever learns there was an issue, you would have already solved it so really there is no issue at all.
- 2 Missing one deadline is no big deal You are inundated with work. It's not like you only have one project on your desk waiting for your undivided attention. The client should understand that you are busy. No one can possibly think their project is your only priority. Besides, it is not entirely your fault that you missed the deadline. If the client had not changed the scope or added an extra detail, you would have met the deadline.
- 3 Treat each project the same
  How many ways could you design the same thing? It is pretty much all the same. Just copy and
  paste, move this over there, change the color of that and done! The design worked for those other
  projects you did in the past so they should be considered certified standard templates for all your
  future projects.

Say you would like to establish a culture of positive performance with your client, then be advised and DO NOT follow the techniques listed above. Each project should be treated as unique as your client's outlook, catered by you through their perspective. Keeping the client informed early and often goes a long way and infuses trust into the relationship. Communicate at every stage of the project the needs of the client and the realistic expectations given any specific limitations. Be upfront and honest, it is almost always appreciated. Adopt the "Same Page Priority" approach with your client making it clear to that their priorities are your priorities, their problems are your problems, and you are sincerely working in their best interest.











### REPORT CARD FOR PENNSYLVANIA'S INFRASTRUCTURE



The ASCE Central PA Section invites you to attend the 2018 PA Infrastructure Report Card Release.

DATE

November 14, 2018 at 11am (approx. 45 mins)

LOCATION

Pennsylvania State Capitol Rotunda, Harrisburg, PA

EVENT TYPE

Press Release/Conference

**EVENT** SCHEDULE **Announcement of Grades Guest Speakers** 







**Fulton Bank** 



















The ASCE Central PA Younger Members Group (YMG) Invites You to See the

Cost: Members & Guests - \$15.00 per person Children under 18 - \$10.00 per person Student Members - \$10.00 per person

Seats are in Section 110 of the lower level. All children 2 years and older need a ticket; children under the age of 2 years do not need a ticket but must share the purchased adult seat. Tickets will be held at Will Call.

Please RSVP to Bill Kingston (wkingston@gfnet.com or 717-763-7212 x2895) by Friday November 16<sup>th</sup>. Please send all checks, made payable to ASCE Central PA, to:

Bill Kingston, C/O Gannett Fleming, Inc. 207 Senate Avenue, N-350 Camp Hill, PA 17011



Take On the



Saturday, December 8th, 2018



All members and their guests are invited! You don't have to be a Younger Member to attend!





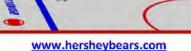


Advance Auto Parts Car Flag Night

First 5,000 fans will receive a Car Flag, courtesy of Advance Auto Parts

TOYOTA















# SCE AMERICAN SOCIETY OF CIVIL ENGINEERS

# **ASCE Region 2 Assembly**

Saturday, November 17th, 2018 George Mason University, Fairfax, Virginia

All Sections, Branches, Younger Member Forums, Student Chapters, Faculty Advisers, and Practitioner Advisers are strongly encouraged to attend the 2018 Region 2 Assembly.

The 2018 Region 2 Assembly theme will focus on **Leadership** and **Professional Development** through presentations and activities. This event offers a chance for interaction between students, professors, practitioners, and job employers/recruiters the opportunity to grow professionally and to learn more about what ASCE can do for you.

Please plan on sending a representative or emerging leaders from your section to the Assembly. We encourage the sections to mentor new leadership from your section to the assembly and younger member groups and students chapters at this event.







#### Sponsors and Press Releases



<u>Gannett Fleming</u> and Phoenix Contact USA co-hosted "Impact of IoT on Infrastructure in a SMART World," a workshop featuring energized discussions about how to gather, organize, and analyze relevant data, secure communication infrastructures, and implement smart transportation technologies.

"The Fourth Industrial Revolution can be characterized by the fusion of technologies, artificial intelligence, machine learning, and the convergence of the physical, digital, and even biological," said Bob Scaer, PE, Gannett Fleming chairman and CEO, in his keynote address. CBS21 and Fox43 reported on this conference.

Gene Chabak, who has over 27 years of planning and design experience, has joined the Lititz office of Larson Design Group. He has served clients such as PennDOT, the Tri-County Regional Transportation Planning Commission, the Capital Area Greenbelt Association and local municipalities. He has completed projects throughout the state that have increased efficiency and productivity and his work has ranged from highways to intersections, drainage, signage and recreational trails.



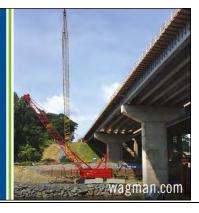


NTM Engineering, Inc. (NTM) is proud to announce the opening of a new state-of-the art training center in the Dillsburg Headquarters location. The training center will provide a dedicated space to provide clients with advanced training in specialized engineering courses, including U.S. Army Corps of Engineers' Hydraulic Engineering Center River Analysis System (HEC-RAS) software program, Erosion and Sediment Control (E&S), and more. The first course, "Introduction to HEC-RAS" is scheduled to begin on November 6-8, 2018 (www.ntmtraining.com).



- Design-Build
- Foundations
- Earth Retention Systems













ELA Group, Inc., Engineers and Landscape Architects, Lititz, PA, announce the addition of two team members.

Kevin J. Breisch, EIT, joins the team as a Project Engineer in the Transportation department. Breisch earned his B.S. in Engineering at Messiah College.

Kyle J. Grinestaff joined the team as a Landscape Architectural Designer. Grinestaff earned his B.S. in Landscape Architecture from Delaware Valley University.

With offices in Lititz, State College, and Butler, PA, ELA has been providing engineering and landscape architecture solutions since 1996.

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Susquehanna Civil is currently hiring for two Geotechnical positions. Please visit our careers page at <u>www.sqcivil.com/careers</u> for more information!



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C.S. Davidson, Inc. has announced that Christopher W. Toms, P.E. will serve as the company's next Chief Operating Officer (COO), effective July 1, 2018. As COO of C.S. Davidson, he will continue to build upon the firm's long-standing commitment to civil engineering excellence by providing strategic and tactical leadership for the Firm. In this role, he will serve as a member of the Senior Leadership Team and oversee the day-to-day operations of the Firm. In addition to his new role, he will continue to provide clients with the high level of service they have come to expect from C.S. Davidson.

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- Ports and Marine Facilities

#### 2018 ENR:

- Bridges #5
- Transportation #14
- Design Firms #56

#### Pennsylvania Offices

- Scranton
- Mechanicsburg
- Allentown
- Pittsburgh

Modjeski and Masters (M&M) was recently awarded a task order contract for Bridge and Railway Engineering with NJ TRANSIT. M&M will lead a project team of specialty subconsultants to provide multi-disciplined expertise on heavy and light rail systems, facilities, and equipment on an as-needed basis throughout New Jersey. Additional services may also include engineering services for fixed and movable rail bridges, tunnels, culverts, dams, bridges over railways, hydrogeology and ground water surveys, and railroad infrastructure, facilities and systems services.



## Quality Geophysics



Quality Geosciences Company, LLC

1102 Manada Gap Road Grantville, PA 17028 (717) 979-6237

www.quality-geophysics.com Rick.Hoover@quality-geophysics.com

#### **Events**

Event	Date	Location
Engineering Networking Night with Messiah College SWE, ASCE, and WTS Central PA	November 8, 2018	Messiah College - Frey Room 70,
November Section Dinner Meeting	November 13, 2018	Park Inn by Radisson, Mechanicsburg
ASCE 2018 Region 2 Assembly	November 17, 2018	George Mason University, VA
Section Past President's Luncheon	December 5, 2018	Duke's Riverside, Wormleysburg
YMG Hershey Bears Hockey Game	December 8, 2018	Giant Center, Hershey,

The schedule is growing daily, please visit <a href="http://sections.asce.org/central-pennsylvania">http://sections.asce.org/central-pennsylvania</a> for more information.

#### Job Postings

PennDOT Central Office - Civil Engineer Manager (Hydraulics)

PennDOT Central Office - Senior Civil Engineer (Hydraulics)

Susquehanna Civil - Geotechnical Engineer

Susquehanna Civil - Geotechnical Technician

Jobs postings are included on the Section Website at <a href="http://sections.asce.org/central-pennsylvania/node/10">http://sections.asce.org/central-pennsylvania/node/10</a>

### Address Change? Questions About ASCE?

If you are an ASCE member, and wish to update your address information, please visit: <a href="https://www.asce.org/myprofile">www.asce.org/myprofile</a>.

If you are a member of ASCE, and have questions, please email them to: centralpa.asce@gmail.com.

Questions about the ASCE Central PA Section Newsletter? Send an email to Jason Taylor, Newsletter Editor, at <a href="mailto:jtaylor@sqcivil.com">jtaylor@sqcivil.com</a>.