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**Delaware Valley
Chapter**

DELAWARE VALLEY GEO-INSTITUTE

DVGI March 2024

Volume 24 Issue 3

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March 2024 DVGI - Dinner Meeting

SPEAKER: Ms. Helen Robinson, P.E., PMP, BC,GE, Vice President, Senior Project Manager and Branch Manager, GEI Consultants, Exton, PA

TOPIC: Student Night 2024

DATE: Tuesday March 12, 2024 – 5:30 PM to 8:30 PM EST

WHERE: Villanova University, Connelly Center, 800 Lancaster Ave., Villanova, PA

COST: \$60 Standard, \$30 Government/Retired, \$10 Students

STUDENT NIGHT 2024!

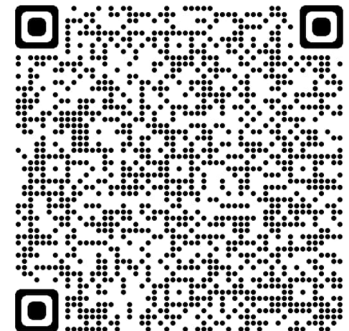
MEETING ABSTRACT:

DVGI invites you to March 2024 Student Night! This meeting will be held at the Villanova University Connelly Center. The meeting will feature an introductory speech by 2023 Philadelphia Section Geotechnical Engineer of the Year - Helen Robinson, P.E., PMP, BC,GE of GEI Consultants. Three student presentations will follow Helen's speech.

ABOUT THE SPEAKER:

Ms. Helen Robinson, P.E., PMP, BC,GE is a Vice President, Senior Project Manager and Branch Manager at GEI Consultants in Exton, PA. She earned B.S. and M.S. degrees in Civil Engineering from Penn State University and has over 20 years of experience providing design, analysis and construction management services for geotechnical and geostructural projects. She specializes in design of micropiles, tiebacks, soil nails, retaining walls, braced excavation support, grouting and ground improvement methods. Helen is Chair of the DFI-ADSC joint Micropile Committee and serves as Vice President of the Geo-Institute Board of Governors. She is a Trustee for the DFI Educational Trust and was named 2023 Geotechnical Engineer of the Year by the ASCE Philadelphia Section.

Please register with QR code by March 5, 2024:





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DVGI March 2024 Ethics Webinar

SPEAKER: John Nawn, PE, PTOE, FNSPE, Delon Hampton and Associates, Chartered, Silver Spring, MD

TOPIC: Ethics and the Expert Witness

DATE: 12:00 PM to 1:00 PM EDT

WHERE: Zoom link to be provided to registrants before the meeting.

COST: \$10 Standard

MEETING ABSTRACT:

The successful resolution of a litigation matters depends on, in addition to the skill of the attorney(s), an understanding of the legal process and an understanding of the role of the expert witness. This presentation explores some of the key considerations of the legal process along with what the expert witness does and does not do. Referencing primarily Pennsylvania Law, the presentation sets forth the legal basis for the expert witness's/forensic engineer's analyses, opinions, and testimony. While the practice may be different, the laws are similar in most states. The presentation closes with a discussion on the ethics of the engineer as it relates to the practice of forensic engineering, based on the NSPE Code of Ethics.

ABOUT THE SPEAKER:

John holds a BS and MS in Civil Engineering from Drexel University. John is a licensed Professional Engineer in nine states, a certified Professional Traffic Operations Engineer, and a Fellow in the National Society of Professional Engineers. With over 36 years' experience, John is presently employed (full time) by Delon Hampton Associates as a member of their Project Management Oversight team on Federal Transit Administration Projects including the replacement of the Raritan River Bridge on NJ Transit and a multi-billion-dollar station upgrade program for MTA, New York.

John also presently provides forensic engineering/expert witness services (part time) to plaintiffs and defendants on matters including highway design, highway construction, highway maintenance, work zone traffic control, traffic control devices including traffic signals, signs and markings, intersection design, pavement and road surface design and maintenance, human factors related to the driving task, accident analyses and trucking related matters, snow and ice control, parking lot design, layout, operation and pedestrian accommodation, pedestrian movement, sidewalks, ramps, crosswalks, ADA accessibility, municipal and public utilities placement, operation, and maintenance within the public right-of-way, construction management, professional engineering practice, liability, and standard of care, construction management, premises liability, stairway and means of egress analyses. Over 500 expert reports completed. Testified in deposition and/or trial over 50 times as an expert witness, in local, state, and federal court in multiple states and jurisdictions.

We anticipate 1 PDH will be awarded for attendance. Cost \$10.00.

Please click on the link below to register.





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February 2024 DVGI-SEI Joint Dinner Meeting

Speaker : Sebastian Lobo-Guerrero, PhD, PE, D.GE., Geotechnical Project Manager/Laboratory Manager AGES Inc

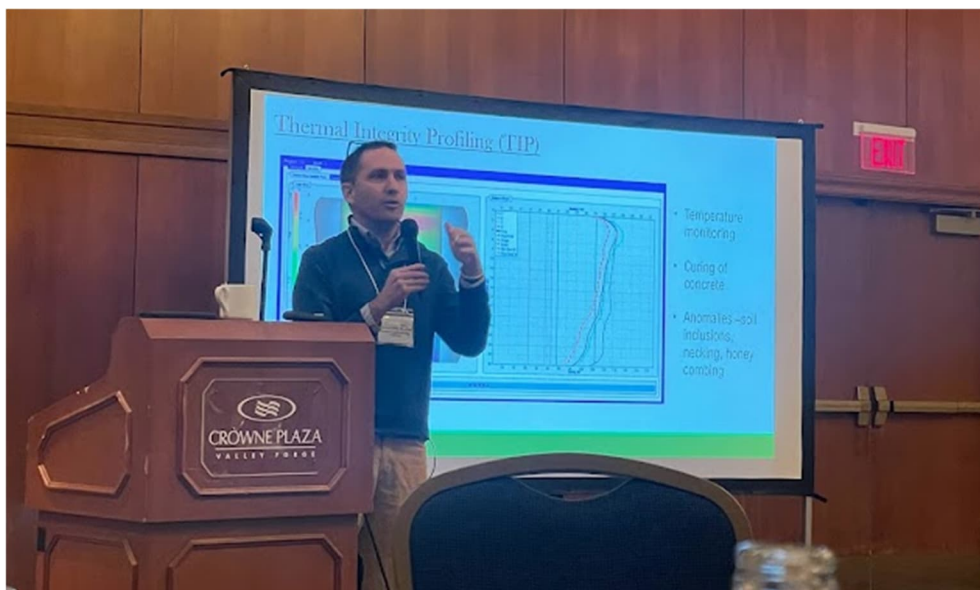
Topic : Geotechnical Aspects of Pittsburgh SEA-CAP

MEETING ABSTRACT:

The I-579 Urban Open Space Cap Project, a new, three acre green space, reconnected Pittsburgh's historic Hill District with the city's downtown business and cultural center. This first-of-its-kind project sought to remedy historical development that harmed the Hill District by reconnecting this neighborhood through a unique land bridge spanning over the interstate. The foundations for this bridge consisted of 42 drilled shafts at the piers, and 220 micropiles (tension and compression) at the abutments. The presentation covers the design, construction, and testing of these elements and the lessons learned in the project. The \$30 million Cap project has received 15 national awards, including the prestigious AASHTO and ASCE National Project of the Year Awards.

ABOUT THE SPEAKER:

Dr. Lobo-Guerrero has 22 years of experience in Geotechnical Engineering, specializing in the design of deep/shallow foundations, earth retaining structures, and landslide stabilization. He has authored over 150 technical papers and presentations published in scientific journals, geotechnical magazines, and conference proceedings worldwide. He is the former Chair of the Pittsburgh ASCE Geo-Institute, a member of the DFI Anchored Earth Retention Committee, and Conference Chair for DFI-45 2020 and DFI-47 National Harbor MD 2022. Sebastian is on the Board of Trustees of the Academy of Geo-Professionals ASCE. His distinguished awards include: 2022 DFI President's Award, 2021 ASCE Lifetime Achievement, and 2020 ASCE Civil Engineer of the Year - Pittsburgh Section.





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DELAWARE VALLEY CHAPTER—GEO-INSTITUTE VOTED CHAPTER OF THE YEAR!

The Delaware Valley Chapter was awarded Best Chapter by the ASCE Geo-Institute during Geo-Congress 2024 in Vancouver. This would not be possible without the efforts of all board members - past and present - and our very engaged membership! Congratulations!





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Save the Date! June 14, 2024 DVGI Annual Golf Outing



Save the Date! DVGI Golf Outing Benefitting the Scholarship Fund June 13, 2024

**Kimberton Golf Club
162 Ridge Road
Phoenixville, PA 19460
9:00 am Shotgun Start**

Registration Details to Follow





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Upcoming Dates for 2023-24 Dinner Meetings and events are as follows:

03/12/2024 – Tuesday - Student Night – Villanova

03/20/2024 – Lunch Webinar : John Nawn “ NSPE Ethics and the Expert Witness”

04/11/2024 – T : Brandon T. Buschmeier, P.E.

05/21/2024 – Thursday– Gardiner Lecture : To Be Announced

One PDH will be awarded for most meetings that you attend.

If you are interested in presenting at one of our monthly meetings or have ideas about potential speakers, please get in touch with a DVGI board member.

On Director's Cut

Geo-Institute Director Brad Keelor interviews G-I members about anything and everything. You might hear about their favorite geotechnical project, their favorite music, or their favorite pie. In Episode 18 of Season 3, Brad speaks with Theresa Andrejack Loux of Aero Aggregates!

See the video here: <https://youtu.be/Gn-aDAHfCXg>



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HAVE DVGI PUBLISH YOUR ARTICLE, ADVERTISEMENT, OR JOB POSTING

- Do you have an interesting article on a project or individual in your organization that you would like to have published in the DVGI newsletter?
- Would you like to get the word out about a job opening, new venture, etc. to our membership via the newsletter?

Please submit your articles or news items for consideration in the next edition of the newsletter or get in touch about our reasonably priced advertising by contacting Neil Scafonas (neil.scafonas@acem.com).

****DVGI PROJECT OF THE YEAR****

5th Annual DVGI Geotechnical Project of the Year Competition

Submissions to be accepted through **March 31, 2024**

Project of the Year to be announced in May 2024

Projects to be featured in DVGI Newsletters!

Please direct all submission materials and questions to Bob Crawford (bobc@jjaconstruction.com). Application can be found at the DVGI Homepage at <http://www.dvgi.org/GPOY.html>

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