

MARCH 2024 NEWSLETTER



From the the President

Dear CSCE Members,

Our hearts go out for the construction workers lost on the Baltimore Francis Scott Key Bridge disaster. This terrible loss of life is what we work hard to prevent at any level in our infrastructure. Please consider those who lost their lives and their families in your thoughts and prayers.

In March, we held a dinner meeting at Two Roads Brewery in Stratford, CT, featuring a presentation from Chris Hylas, P.E., and our own Vice President Tyler Parker, P.E., of Lochner on the construction phase of the I-84 bridges in Newtown, CT. The project had a number of unique challenges, but was able to progress on time and on schedule.

We are looking forward to the upcoming webinar on Bus Electrification on April 11 and our annual dinner meeting at the U.S. Coast Guard Academy on April 16. We will be giving out college scholarships at that dinner meeting with a number of students in attendance. It is a great time to talk to our future engineers.

Thank you, Aaron Foster, P.E., CSCE President



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PRESIDENT DAVID GATES

New CSCE Annual Sponsorship

The CSCE is excited to provide a new sponsorship and promotional opportunity for companies in CT! The benefits of the sponsorship include:

- PowerPoint slide recognition at every meeting – presented by CSCE
- Company logo included in emails promoting the meeting
- Company logo included on all the meeting/event invitations sent by CSCE
- 5 dinner meeting registration vouchers – These can be used all at one dinner meeting or spaced out throughout the year at multiple dinner meetings, but not at the ACE Awards event
- Includes PDHs for employees attending the meetings that offer PDHs
- Sponsorship recognition in CSCE Newsletter and on the CSCE website

Annual Sponsorship Cost for ASCE/CSCE firms (Firms with partnership relationships with ASCE or employ at least 5 CSCE members): \$2,000

Annual Sponsorship Cost for Non ASCE/CSCE firms: \$2,500

Please sign up today to support the activities of CSCE!

Thank you to our First Annual Sponsor!



New CSCE Annual Sponsorship

Annual CSCE Sponsorship Opportunity Form

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Annual Sponsorship Cost for ASCE/CSCE firms (Firms with partnership relationships with ASCE or employ at least 5 CSCE members): \$2,000

Annual Sponsorship Cost for Non ASCE/CSCE firms: \$2,500

Firm Name: _____

Firm's ASCE Membership ID Number: _____

First & Last Names and ASCE Membership ID Numbers of Firm's 5 Employees who are CSCE Members:

Firm Contact Name: _____

Firm Contact Phone: _____

Firm Contact Email: _____

Payment Options:

Card - Invoice can be sent via PayPal that can be paid with a card or check

Check - Please send checks to: CSCE, P.O. Box 1101, Deep River, CT 06417

Questions? Please send an email to csceinfo@gmail.com or call/text 860-879-2723 (CSCE)

UPCOMING EVENTS

- 4/4 **YMG RESUME REVIEW AT QUINNIPIAC**
- 4/11 **JOINT WEBINAR WITH COMTO ON ELECTRIC VEHICLES**
- 4/11 **YMG RESUME REVIEW AT CCSU**
- 4/16 **CSCE DINNER MEETING**
- 4/19 **GEOTECHNICAL SEMINAR - COASTAL GEOTECHNICS & RESILIENCE**
- 5/15 **17TH ANNUAL ACE AWARDS**
- 6/28 **29TH ANNUAL CT ITE/CSCE GOLF OUTING**

April Dinner Meeting at the U.S.C.G.A. Tuesday April 16, 2024 at 5:30 PM



Please join CSCE at our monthly meeting at the U.S. Coast Guard Academy in New London, CT, on Tuesday, April 16, 2024. At this meeting, Dr. Brock E. Barry, Professor of Engineering Education and Director of the Civil Engineering Division in the Department of Civil & Mechanical Engineering at the United States Military Academy, West Point, NY, will give a presentation on nonverbal communication. The meeting co-sponsors are the CSCE Government Engineers Committee and the ASCE Student Chapter at the U.S. Coast Guard Academy. Attendees may earn 1 NYS PDH at this meeting.

17th Annual ACE Awards Wednesday May 15, 2024 at 5:00 PM

On May 15, 2024, CSCE will honor the design and construction achievements of Connecticut Civil Engineers from January 1, 2023, to December 31, 2023. These Achievement in Civil Engineering Awards or "ACE" Awards will commend projects on which significant engineering expertise or innovation was exhibited by Connecticut Engineers and especially CSCE members. Please join CSCE at this year's ACE Awards to help honor the overall contributions of Connecticut civil engineers and CSCE members. This year, we will be joined by ASCE President Marsia Geldert-Murphey, P.E., F.ASCE.

APRIL 11 WEBINAR

IT'S ELECTRIC!

*Please join CSCE and Conference of Minority Transportation Officials (COMTO) at a webinar at 12 p.m. Noon EST on Thursday, April 11, 2024. Rahmane Camara, Project Manager in the Bureau of Public Transportation at the CT DOT, will review current electric bus operations, charging equipment & upgrades, as well as the plans for the many more buses expected later this year. **Attendees may earn 1 NYS PDH.***



2024 SPRING GEOTECHNICAL SEMINAR

Coastal Geotechnics & Resilience

Friday, April 19, 2024
TPC River Highlands, Cromwell, CT



Earn 6 NYS PDHs!

Registration Rates
ASCE Members \$250
Non ASCE Members \$275
Government Employees and Retired People (Includes NYS PDHs) \$125
Student Registration (ID Req. at Registration - No NYS PDHs) \$25

Connecticut Valley Chapter

Sponsored By:



Three Sponsorships Left

Visit www.csce.org for registration information



Exhibitors Include:

TERRA INSIGHTS



Program Sponsor (3 available) \$350
This sponsorship includes prominent placement of your company logo in the printed program for the seminar.





April 19, 2024
2024 Spring Geotechnical Seminar Program
TPC River Highlands, Cromwell, CT



The 2024 Spring Geotechnical Seminar explores the geotechnics of coastal regions and resilience in geotechnical design and construction. Six New York State PDHs will be offered. Questions and discussion will follow each presentation.

7:00 AM – 7:30 AM Exhibitor Setup

7:30 AM – 8:30 AM Full Breakfast & Registration

8:30 AM – 8:45 AM Welcome, Announcements, and Opening Remarks

8:45 AM – 9:40 AM Integrating Climate Change into the Design of Coastal Infrastructure by Douglas A. Gaffney, P.E., BC.CE, of Atkins Realis

9:40 AM – 10:15 AM Morning Break with Exhibitors and Refreshments

10:15 AM – 11:10 AM Redevelopment of the New London State Pier into the First Operational United States Based Offshore Wind Farm Terminal by Katrina T. Perez Mejia, P.E., LEED GA, and John DiGenova, P.E., of Haley & Aldrich

11:10 AM – 12:00 PM Geotechnical Aspects on Design and Construction of the Living Breakwaters Project by Daniela Zellers, P.E., and Mangtao (Monty) Du, P.E., of WSP

12:00 PM – 1:00 PM Lunch with Exhibitors

1:00 PM – 1:10 PM GEO-CT Scholarship Awards

1:10 PM – 2:00 PM Applied Coastal Engineering for Geotechnical Solutions by Steve Sternberg, P.E., of RACE Coastal Engineering

2:00 PM – 2:40 PM Case Study & Fragility Analysis of a Dune Reinforced with Geosynthetic Sand Containers by Captain Brian Maggi, Ph.D., P.E., of the U. S. Coast Guard Academy

2:40 PM – 3:10 PM Afternoon Break with Exhibitors

3:10 PM – 4:00 PM Case History: Engineering Resilience - Keller's Contribution to New York City's Fight for Coastal Protection Post-Sandy by John R. Grillo, P.E., and Dylan Wong of Keller

4:00 PM Closing Remarks

29TH ANNUAL CT ITE / CSCE SCHOLARSHIP GOLF OUTING

JUNE 28, 2024



REGISTRATION FOR THE 29TH ANNUAL CT ITE / CSCE SCHOLARSHIP GOLF OUTING IS NOW OPEN! PLEASE HELP CT ITE/CSCE WITH ANOTHER SUCCESSFUL YEAR RAISING FUNDS FOR STUDENT SCHOLARSHIPS WHILE HAVING FUN ON THE COURSE, MEETING SOME NEW FACES, WINNING RAFFLES, AND EATING SOME GOOD FOOD. LAST YEAR WE HAD AN IMPRESSIVE TURNOUT WITH 88 GOLFERS AND WE ARE LOOKING TO TOP THAT WITH A TARGET OF 100 GOLFERS. TO HELP SPREAD THE FIELD, WE PLAN ON HAVING THE ENTIRE COURSE TO OURSELVES THIS YEAR. HELP SPREAD THE WORD ABOUT THIS GREAT EVENT!



MAKE SURE TO CHECK OUT SOME OF OUR SPONSORSHIP OPTIONS FOR THIS YEAR'S GOLF OUTING IN THE REGISTRATION. THIS JOINT EVENT DIRECTLY FUNDS OUR SCHOLARSHIP AWARDS THAT ARE GIVEN TO STUDENTS IN CONNECTICUT PURSUING DEGREES IN THE CIVIL ENGINEERING PROFESSION.

\$750 Eagle Sponsorship
Company logo on dinner advertising & registration for 2 golfers

\$500 Birdie Sponsorship
Funds raffle prizes & advertised during raffle & dinner

\$150 Par Sponsorship
11" x 17" tee box sign

REGISTER AT WWW.CSCE.ORG



2024 Mulligan Sponsor



\$500 per Foursome
(Lunch, dinner & golf cart)

\$135 per Single Golfer
(Lunch, dinner & golf cart)

\$110 per Student Golfer
(Lunch, dinner & golf cart)

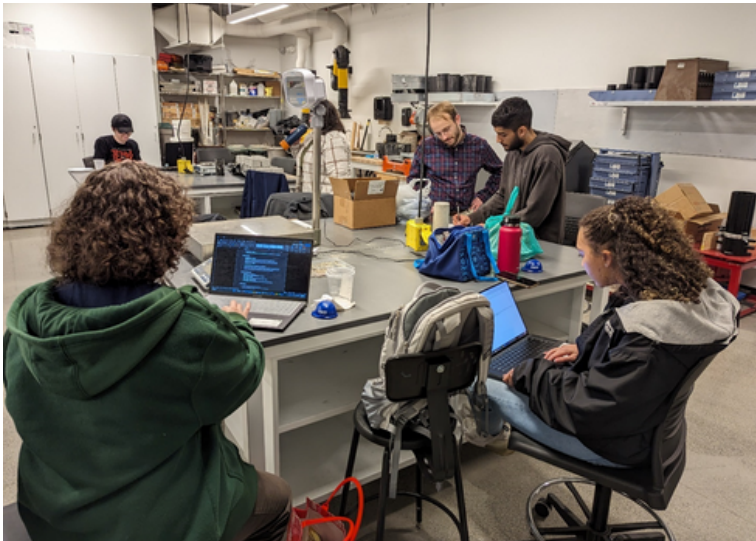
\$50 Dinner Only

INTERESTED IN VOLUNTEERING FOR THIS EVENT?

CT ITE/CSCE ARE LOOKING FOR VOLUNTEERS TO HELP WITH REGISTRATION AND/OR ASSISTING WITH GAMES ON THE COURSE. THIS IS A GREAT OPPORTUNITY TO NETWORK AND MEET OTHER PROFESSIONALS IN CIVIL ENGINEERING. IF THIS INTERESTS YOU, PLEASE CONTACT NATHAN ROSSI AT NATHAN.ROSSI@PARSONS.COM.

Younger Member Group News

The YMG has continued its outreach to CT universities hosting resume review events with the ASCE Student Chapters. These reviews connect students with industry professionals to have their resumes critiqued and to get some tips as they prepare for their job searches. Five YMG volunteers attended the resume review at the University of Hartford on March 4 and performed resume reviews for six students. Due to the close ratio of Younger Members to students, this event was a great success that provided thorough reviews and networking for each of the students. The next resume reviews will take place on April 4th at Quinnipiac University and on April 11th at Central Connecticut State University (CCSU). The YMG was able to secure an ASCE Region 1 grant to partially fund the supplies and refreshments at these events.



On March 1, CSCE YMG hosted a sports outing to watch the Quinnipiac Men's Hockey team take on Clarkson University. Attendees were able to socialize with each other before and during the game and enjoy a leisurely Friday evening activity! Chapter members, UConn students, and non-ASCE members attended this event making it a great venue for networking and chapter recruitment. Keep an eye out for a save-the-date for the YMG's spring social planned tentatively for late April. These events are a great way to network with your peers and reflect on all of the events we have planned and those that are upcoming.



Don't Forget! CSCE YMG is now on Instagram! Please consider following the YMG @asce.csce.ymg to stay up to date with all of its latest news!

Younger Member Group News Continued

At the first "Industry 101" Event, held March 26, 2024, industry professionals gave presentations to UNH students discussing the transition students will experience as they begin their careers following graduation. The various available career paths for civil engineering were discussed, including private consulting, contracting, municipal government, state/federal government, and academia. The presentation focused on what each of these professionals do to perform their jobs and how this differs from what students experience in school. The presenters also gave examples of their own project experience and discussed the importance of staying active with ASCE post-graduation.



CIVIL ENGINEERING INDUSTRY 101

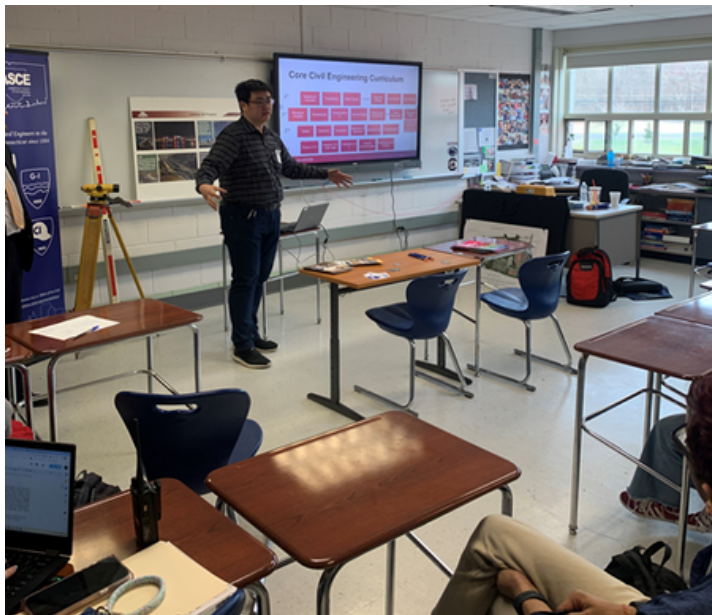
MARCH 26, 2024

 MICHAEL F. CIACCIARELLA	 ERIC HOYT	 SCOTT NOLAN	 THOMAS WAMSER	 CHANG BYUNGIK
				





Professor Song Wang, Ph.D., from the University of Hartford, Tyler Parker, P.E., from Lochner, Scott Nolan, P.E., from SLR and Austin Dowd from SLR had the pleasure to speak with four separate sessions of students as part of the **Avon Career Expo** on March 20, 2024. Each session was approximately 25 minutes long, and the professionals gave presentations on the broad field of Civil Engineering using several different materials including PowerPoint slides, poster-board renderings and site plans, as well as survey equipment that was set-up in the classroom. They were able to share their unique, individual journeys and perspectives on Civil Engineering, touching on Survey, Site Design, Land Development, Water Resources, Heavy Highway Construction, Construction Management, Structural Engineering, and Engineering Academia. The students were well engaged and asked numerous questions based on the content of the presentation, which was rewarding to see. CSCE is very grateful for the opportunity to present at Avon High School and hope to see some of the students involved in the industry in the future!



The CSCE is the result of a merger of two organizations that occurred over 40 years ago. The Connecticut Society of Civil Engineers was founded in 1884, while the Connecticut Section of the American Society of Civil Engineers was founded in 1919. In 1958, the Section had 523 members. In 1955 (the nearest comparable year for reliable numbers), the Society had 1,033 members. The two organizations met separately until they merged in 1981, by mutual vote of membership, to become the Connecticut Society of Civil Engineers Section of American Society of Civil Engineers or CSCE.

SEEKING HIGH SCHOOL INTERNSHIP OPPORTUNITIES

Avon High School is looking for civil engineering internships for high school students. Its unique Internship Program, launched in 2014, matches highly motivated junior and seniors with local businesses and organizations for experiential internships during the academic year or summer months. Interns work for 60 (unpaid) hours, maintain reflective journals, and create a presentation for our school community at the end of the program. In return, the students earn .05 credit. The internship provides opportunities for our students to spark their curiosity, develop skills, and gain insight towards potential career pathways. If your company would be interested in providing an internship, please send an email to Maria Mascoli, Internship Coordinator - Avon High School, at mmascoli@avon.k12.ct.us or connect with her on LinkedIn.



CSCE CONNECTING WITH SCHOOLS

For High Schools:

If you know of a high school that would be interested in getting information about careers in civil engineering, please contact CSCE via email at csceinfo@gmail.com. CSCE Members would be very interested in connecting with high school students (virtually or in-person) to share information about career opportunities in civil engineering and related fields.

For Middle Schools:

If you know of a middle school that is having a career day or has teachers who want to share information about civil engineering with their students, the CT Section of ASCE (CSCE) can help provide speakers who can talk to students about civil engineering & bring handouts such as brochures & flyers. Please contact CSCE via email at csceinfo@gmail.com for more information.

Wallingford, CT, Area Companies Wanted for Job Shadows/Internships for High School Students

CSCE recently received a request from a College and Career Counselor at Mark T. Sheehan High School and Lyman Hall High School for the names of companies near Wallingford, CT, that would host high school students who are interested in civil engineering in a job shadow or internship capacity. Here are details about the internships: Internships are 40 hour opportunities. They generally take place over the course of 10 weeks, 4 hours a week, 2 days a week for 2 hours each (Very often something like 2:30- 4:30 p.m.). Internships must take place after school. The schools ask that they be experiential in nature with the understanding that this is a high school student and what they might be able to contribute is limited. They also understand that there will be a large shadow component too. Students earn .25 credit for an internship and this goes on their high school transcript. There is minimal paperwork expected from the company/mentor. The state requires some signatures essentially agreeing to abide by labor laws and the school asks that companies sign a student's time sheet, and complete a short, final evaluation of the students performance. If you know of any companies that offer this type of job shadowing/internship in the Wallingford area, please send an email to csceinfo@gmail.com.

EMPLOYMENT OPPORTUNITIES

Town of Newington, CT - Assistant Town Engineer

The Town of Newington is accepting applications for an assistant Town Engineer in the Engineering Department that will provide technical support for the planning, design and construction of a variety of municipal improvement projects with a starting salary of approx. \$81,978. For additional information and an Employment Application, visit the Human Resources page at www.newingtonct.gov. This position will remain open until filled, first review of applications December 2023.

Town of Groton, CT - Civil Engineer

The Town of Groton is seeking a full-time Civil Engineer, P.E. Duties include reviewing construction documents and plans for compliance with industry standards & guidelines, designing various civil engineering items such as drainage systems, & providing assistance to the public. Registered P.E. certification required. Certification as Land Surveyor and proficiency in AutoCAD preferred. Salary range \$88,002 - \$101,087. Excellent benefits package. To apply, visit www.groton-ct.gov.

City of West Haven, CT - Civil Engineer

The City of West Haven, CT, is accepting applications for an Assistant Engineer in its DPW. This is a 35-hour a week position that is responsible for technical work in the conduct of topographic and boundary surveys design and drafting for public works projects, and the inspection of municipal public works construction projects. This engineer will also work in concert with the City Engineer on municipal engineering projects. To apply, please click [here](#) or visit www.cityofwesthaven.com.

Town of Wethersfield - Municipal Civil Engineer

The Town of Wethersfield is accepting applications for a Civil Engineer in the Engineering Department that will provide technical support for the planning, design and construction of a variety of municipal improvement projects with a salary range of approx. \$71,533-\$80,085. For additional information and an Employment Application, visit the Human Resources page of the Town's website at www.wethersfieldct.gov. This position will remain open until filled.



Zeid Alkas, Area Manager
973-557-7667 800-477-2506
sales@geo-instruments.com
www.geo-instruments.com

***INTERESTED IN POSTING A JOB
OPENING OR AD ON THE CSCE
WEBSITE OR IN THE
NEWSLETTER?***

Please fill out the [Sponsorship Request Form](#) found on the Resources page of www.csce.org and send it to csceinfo@gmail.com. Once that information is received, CSCE will provide a cost estimate to you.

EMPLOYMENT OPPORTUNITIES (Continued)

Langan - Senior Geotechnical Project Manager / Engineer

Langan is seeking a Senior Geotechnical Project Manager / Engineer in New Haven, CT managing client interaction, providing staff training and project leadership, preparation of technical reports, specifications, plans, designing foundations, retaining walls, & other geotechnical aspects of construction. Langan is an affirmative action / EOE

Apply here: <https://careers.langan.com/job/New-Haven-Senior-Geotechnical-Project-Manager-CT-06511-6107/930118600/>

Luchs Consulting Engineers - Civil Design Engineer

Luchs Consulting Engineers is a multi-disciplined engineering & surveying firm based in Meriden, CT. We have an immediate opportunity for a Civil

Design Engineer with the following qualifications:

- BS Degree in Civil Engineering; EIT or NICET a plus
- 3-7 years' experience in CTDOT design environment
- Roadway Drainage Design/HEC-RAS Hydraulic experience required
- Knowledge of MicroStation or AutoCAD required

Comprehensive Benefit Package - Please email resumes to: dcrandall@luchs.com

Down To Earth Consulting - Senior Project Engineer

Down To Earth Consulting is seeking a Senior Project Engineer to join our geotechnical group in Naugatuck, CT. The successful candidate should have a BS degree from an ABET accredited civil engineering program, 5 to 10 years of experience, and be a licensed PE. Down To Earth Consulting is an Affirmative Action/Equal Opportunity Employer. To learn more about this opportunity, please submit your resume to ray@downtoearthconsulting.com

Conlon Engineering - Structural Engineer

Conlon Engineering, a growing structural design firm in Brookfield, CT is seeking a structural engineer with 0-3 years of experience doing design work and calculations. We are looking for a smart, hardworking engineer who wants to be part of a profitable firm that is set up for sustainable growth. Visit our website at conlonengineering.com and email resumes to office@conlonengineering.com

Pereira Engineering - Civil Engineer, Land Surveyors and Survey Technicians

Pereira Engineering is an established Civil/Environmental/Land Surveying firm located in Shelton, CT. PE is seeking a Civil Engineer as well as Land Surveyors and Survey Technicians (at all levels of experience) to expand our Survey Department. PE offers a very competitive salary and benefits. Please email resume to: joe.pereira@pereiraeng.com.

ARE YOU UNEMPLOYED? ASCE NATIONAL HAS A PROGRAM TO WAIVE DUES OF UNEMPLOYED MEMBERS. FOR MORE INFORMATION, WRITE TO:
ASCE, ATTN: MEMBER SERVICES DEPT.,
1801 ALEXANDER BELL DRIVE, RESTON, VA 20191-4382
OR CALL : TOLL FREE: 1-800-548-ASCE DIRECT: 703-295-6169 FAX: 703-295-6335



David William Gates

1932-2022

CSCE PAST PRESIDENT (1976-1977)

David William Gates, 90, died December 25, 2022 at Liberty Commons in Chatham, MA.

He was born June 9, 1932 in Sanford, ME to Thomas O. and Viola (Johnson) Gates. He graduated from Melrose, MA High School and The University of Maine, Orono, where he was a member of the Phi Kappa Sigma fraternity and was commissioned as a Lieutenant through the US Army ROTC program.

Dave spent his summers during college working at the Mount Washington Cog Railway. After graduating, he mapped out roads for the Montana Highway Department

before completing his Army service in the Signal Corps. Returning home, he married his high school sweetheart, Jessie, in 1957.

He held professional engineering positions in several states over the span of 63 years, finally retiring at the beginning of the COVID-19 pandemic from Fuss & O'Neill in Manchester. He remained an active member of the American Society of Civil Engineers and the NH Land Surveyors Association until his death.

Dave enjoyed reading, collecting books, and researching history. His wife, Jessie, passed away in 2006. He is survived by his sister, four children, eleven grandchildren, and three great-grandchildren.

A memorial Service will be held February 2, 2023 11AM at Brookside Congregational Church with a 1PM graveside service at Puritan Lawn in Peabody, MA. He will be buried with his beloved wife, Jessie, and his parents.

In lieu of flowers, donations are encouraged to Brookside Congregational Church, where Dave and Jessie were active members of 40 years, or the American Heart Association.