

FEBRUARY 2024 NEWSLETTER



From the the President

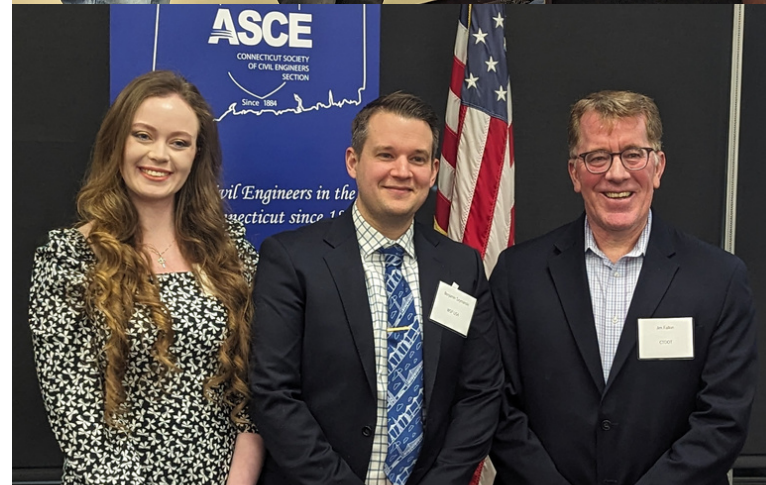
Dear CSCE Members,

We had a busy February, even in a leap year. The Younger Members completed resume review sessions for university students. We attended career fairs, and attended presentation events to give visibility to the civil engineering profession.

In February, we held a presentation at CCSU on the I-95 North Bound Exit 27A widening to Route 8 North Bound by James Fallon, P.E., of CTDOT, Benjamin Szymanski, P.E., of WSP, and Jessica Venuti, P.E., of WSP. The presentation provided an overview of the purpose and need for the project and the technical challenges to achieving the project. Additionally this month, we held a presentation on the Eightmile River Conservancy Group by the Executive Director Patricia Young about the background of the Eightmile River and the Groups' various roles & responsibilities. We also had a highly attended Structural Engineering Student Conference at UNH.

Next month, we have more resume reviews with university students, a webinar on ASCE's MOSAIC Committee, and a dinner meeting at Two Roads Brewing Company in Stratford, CT, with a presentation from Lochner on the Rochambeau Bridge construction in Newtown, CT.

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



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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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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

- 3/1 YMG TRIP TO QUINNIPIAC HOCKEY GAME
- 3/4 YMG RESUME REVIEW AT THE UNIVERSITY OF HARTFORD
- 3/5 FREE CSCE WEBINAR ABOUT ASCE'S MOSAIC COMMITTEE
- 3/19 CSCE DINNER MEETING
- 3/20 YMG RESUME REVIEW AT QUINNIPIAC
- 3/26 INDUSTRY 101 EVENT AT UNH

March Dinner Meeting at Two Roads Brewing Tuesday March 19, 2024 at 5:30 PM



Please join CSCE at our monthly meeting at Two Roads Brewing Company in Stratford, CT, on Tuesday, March 19, 2024. This meeting is sponsored by the Fairfield County Branch of CSCE and features a presentation on the Rochambeau Bridges - I-84 over the Housatonic River by Christopher Hylas, P.E., and Tyler Parker, P.E., of Lochner. Attendees may earn 1 NYS PDH at this meeting.

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.



MARCH 5 WEBINAR

ASCE's Members of Society Advancing An Inclusive Culture (MOSAIC) Committee

March 5 at 12 PM

Please join CSCE at a FREE webinar at 12 p.m. Noon EST on Tues., March 5, 2024. At this online event, Moises Young, Chair of ASCE's Members of Society Advancing An Inclusive Culture (MOSAIC) Committee will give a presentation about the activities of this committee. No NYS PDH will be offered at this event. This webinar is sponsored by the CSCE Career Guidance Committee.



2024 SPRING GEOTECHNICAL SEMINAR
Coastal Geotechnics & Resilience
Friday, April 19, 2024
TPC River Highlands, Cromwell, CT

Exhibitors Include:

TERRA INSIGHTS



Early Registration Rates until 3/31
ASCE Members \$225
Non ASCE Members \$250
Government Employees and Retired People (Includes NYS PDHs) \$100
Student Registration (ID Req. at Registration - No NYS PDHs) \$25



Visit www.csce.org for Registration & Additional Sponsorship Information



GEO-INSTITUTE

Connecticut Valley Chapter



Exhibitor Table (3 Available) \$600

Event Sponsor (1 available) \$500

This sponsorship level includes podium mentions and 1 attendee registration.

Program Sponsor (3 available) \$350

This sponsorship includes prominent placement of your company logo in the printed program for the seminar.

GEO-CT Valley Chapter News

The Connecticut Valley Geo-Institute Chapter is excited to host the upcoming Spring Geotechnical Seminar on April 19, 2024, at the TPC River Highlands in Cromwell, CT. The theme for the Spring Geotechnical Seminar is "Coastal Geotechnics & Resilience" and will explore case studies from local and regional projects. 6 NYS PDH's will be offered for attendees. Registration can be found on www.csce.org and at www.GEO-CT.org.

In recent months, the Connecticut Valley Chapter of the ASCE Geo-Institute has been actively engaging students with a series of presentations at the University of Connecticut that have been focused on aspects of geotechnical design and construction. The presentations were coordinated by long-time CSCE member and CSCE Past President Randy States, P.E., who worked with Professor Wei Zhang, Ph.D., P.E., to organize the presentations. A huge thanks to Dustin Humphrey, P.E., of O'Reilly, Talbot & Okun Associates; Brian Eastman, P.E., of Keller North America;

Alex Ciccone, P.E., of Keller North America; Ben Cote, P.E., of HDR; James Davis, P.E., of GZA, and Randy States, P.E., for visiting the University of Connecticut and sharing their expertise with the students! Randy has also been actively involved advising a senior design capstone project related to geotechnical engineering (pictured below). These student outreach activities are important vehicles to mentor and engage students interested in civil engineering.

Applications for the recently developed GEO-CT scholarship are currently open! Please visit www.csce.org or www.GEO-CT.org to apply and share this application with any undergraduate or graduate students in Connecticut interested in pursuing a career in geotechnical engineering.

Please reach out to Amy Petrone at csceinfo@gmail.com or Landon Barlow, P.E., at lbarlow@haleyaldrich.com, if you are interested in participating in Connecticut Valley Geo-Institute student outreach activities or would like to join the committee and help organize our semi-annual events.

GEOTECHNICAL ENGINEERING SCHOLARSHIP

This scholarship is open to undergraduate and graduate students within CT who demonstrate an interest in geotechnical engineering via a project, internship, essay, or other methods. The scholarship application is due by March 20 and will be awarded at the Spring Geotechnical Seminar held each April. For more information, please send an email to csceinfo@gmail.com.



SEI-CT Chapter News

The CT Chapter of the ASCE Structural Engineering Institute (SEI-CT) and the UNH Graduate Student Chapter of the ASCE Structural Engineering Institute (SEI-UNH Graduate Student Chapter) co-hosted a structural engineering conference for college students in Connecticut interested in pursuing a career in structural engineering. The event was held at the University of New Haven on Friday, February 9, 2024. The 4-hour event kicked off with an overview of the ASCE Structural Engineering Institute (SEI), SEIs presence in Connecticut, an introduction into the format of the event and an overview of the diverse areas of specialization within the field of structural engineering. Following the welcome and conference introduction, students moved into breakout rooms of their choice. Each breakout room had company volunteers representing various engineering subdisciplines. Breakout room sessions included company highlights and a panel discussion, followed by a career fair session where students had an opportunity to learn the role of structural engineers within each subdiscipline, ask questions and meet with company representatives.

There were 4 breakout rooms with industry and university representatives that specialized in infrastructure, buildings,

water and academia. Students gained insight into the roles of structural engineers in each subdiscipline as designers, load rating engineers, inspectors, non-destructive testing engineers, forensics and research. The event was attended by a total of 69 students (vs. 92 registered), 12 private companies and 1 academic institution.

SEI-CT would like to extend a sincere thank you to the University of New Haven, BL Companies, CONSOR Engineers, GM2 Associates, Conlon Engineering, Siefert Associates, WJE, The Foth Companies, GEI Consultants, GeoEngineers, University of Connecticut, HNTB, Barton & Loguidice, and Stantec for supporting this event.

CSCE thanks the SEI-UNH Graduate Student Chapter and SEI-CT Chapter Board members Byungik Chang, Ph.D., P.E., MBA, of UNH; Sangyul Cho, Ph.D., P.E., of CTDOT; Alexandra Hain, Ph.D., P.E., of University of Connecticut; Alex Mora, P.E., BC.PE., of Foth Infrastructure & Environment; Sanjeev Mohan, P.E., of Stantec and Hannah Rakowski, P.E., of WJE for coordinating this Structural Engineering Student Conference at the University of New Haven.

SEI STUDENT CONFERENCE 2024

Bergami Center for Science, Technology, and Innovation
University of New Haven

Feb. 09, 2024
03:00PM-06:45PM

Sponsors: BL Companies, Consor, GM2, Conlon Engineering, Siefert Associates, WJE, Foth, GEI, GeoEngineers, UConn, HNTB, Barton & Loguidice, Stantec.

Younger Member Group News

The YMG has started hosting this semester's round of 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. The first review at the University of New Haven (UNH) on February 6, 2024, was attended by approximately 70 students! The next review was held at the University of Connecticut at Storrs on February 29, where 6 volunteers helped 15 students. The next three resume reviews are scheduled for March 4 at the University of Hartford, March 20 at Quinnipiac University and April 11 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. Additionally, the YMG is planning an event with the ASCE Student Chapter at the U.S. Coast Guard Academy, tentatively scheduled for April 4, that will be held at a bowling alley on campus so students and professionals can network, socialize, and discuss the prospects of civil engineering following a career in the U.S. Coast Guard. This event will be funded by an ASCE Student Activity Grant that was awarded at this year's Multi-Region Leadership Conference (MRLC) in Miami.

On March 1, CSCE YMG will be hosting a sports outing to watch the Quinnipiac Men's Hockey team take on Clarkson University. This opportunity allows members to socialize and relax as we cheer on the defending NCAA national champions and support local Connecticut collegiate sports. 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.

One new event that the YMG is introducing is called, "Industry 101," and it will be held on March 26, at UNH. This presentation will focus on the transition that students will make as they enter the workforce. A well-rounded group of young professionals will share their experiences with the students and give tips for common struggles seen when onboarding new staff following graduation.

Finally, CSCE YMG is now on Instagram! Please consider following the YMG at [asce.csce.ymg](https://www.instagram.com/asce.csce.ymg) to stay up to date with all of its latest news!



Fairfield County Branch News

In October 2023, Fairfield County Branch President Ron Hill, P.E., stepped down from being the Fairfield County Branch President, a position he had held since 2007. After an extensive search, the CSCE Board is happy to announce that Carolyn Foston, P.E., has been installed as the Fairfield County Branch President for 2024-2025.

Carolyn is a Project Engineer with Connecticut Department of Transportation, working in District 3 Construction. She is currently overseeing multiple projects in District 3 including Pavement Preservation Projects and various Traffic Signal Upgrade Projects, while also finishing up a Fuel Tank Replacement Project at New Canaan and Westport Maintenance Facilities.

Prior to becoming a Project Engineer I, Carolyn was the Chief Inspector on Project No. 15-382 - Rehabilitation of Bridge Nos. 03532 and 00107 I-95 Exit 27A to RT 8 NB in Bridgeport, which was an \$8.9 Million project adding a second lane to Exit 27A NB Ramp from 2022 to June 2023, and the subject project of CSCE's February 21 Dinner Meeting at CCSU. She was Chief Inspector for Project No. 106-128 - Interchange Improvements on RT 15 at RT 34 in Orange from 2020 to 2021, which added an acceleration lane at On Ramp NB and a deceleration lane at Off Ramp SB, and Project No. 135-325 - Rehabilitation of US RT 1 over I-95 Bridge No. 00037 in Stamford in 2019, which was an accelerated bridge project replacing two span bridge over two weekend closure periods.



Additionally, Carolyn has been a volunteer with the Society of Women in Engineering, SWE, where she coordinated networking and outreach events with students at University of Bridgeport, Fairfield University, and University of New Haven. She also assisted with the launching of the new SWE Section at Fairfield University. She has hosted STEM outreach events with Girl Scouts at Fairfield University and organized tours for collegiates at Diba Industries Manufacturing in Danbury.

Outside of work Carolyn is an avid skier in the winter months going on ski trips to Vermont or out west. She enjoys being a world traveler, having been to over 38 countries. She enjoys running in the summer and participating in local road races. Please extend a warm welcome to Carolyn as the new Fairfield County Branch President.

CSCE would like to thank Ron Hill for his many years spent as a volunteer with the Fairfield County Branch! We wish him the best of luck in the future!

On January 26, 2024, CSCE Past President George Gerard, P.E., of WSP, and current CSCE President-Elect Rich Cohen, P.E., of Lochner gave a *Why Civil Engineering* presentation to a group of approximately 10 sophomore, junior and senior high school students at Daniel Hand High School in Madison, CT. They used their time to introduce these students to a broad overview of the subsets of the civil engineering profession, the specific reasons they chose to pursue a career in civil engineering, diving into some specific project examples and the impact these projects had on the local communities they serve. Additionally, the presentation covered the role of CSCE and it's history, as well as some of the activities of the six ASCE Student chapters in Connecticut, and highlighted the scholarship opportunities provided by CSCE.

Additional recent committee activity involved attendance at the CMAA-WTS STEM Night at Cora J. Belden Library in Rocky Hill, CT, on February 22, 2024. President-Elect Rich Cohen, P.E., of Lochner, Chair of the CT Valley Chapter of the ASCE Geo-Institute Landon Barlow, P.E., of Haley & Aldrich, (pictured here) and CSCE Member Kimberly Fletcher, P.E., of Barton & Loguidice, took part in this event to encourage students in grades 5 to 12 to discover exciting and challenging careers in STEM fields like civil engineering. Kids in attendance approached the table to discuss what is civil engineering and

each student engaged in enthusiastic conversation of the many reaches of our profession, while each speaker highlighted different aspects of the joy and challenges of their project experiences.

If you would like to engage with the CSCE Career Guidance Committee and assist in pre-college outreach activities like these, please email csceinfo@gmail.com. Any and all assistance is greatly appreciated.



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