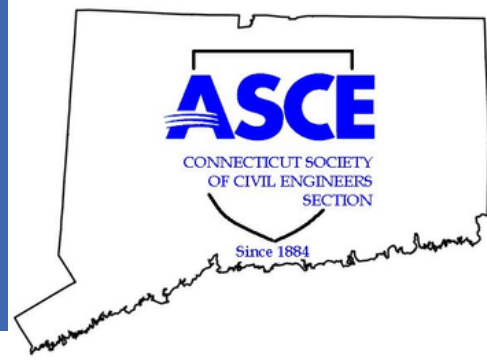


# SEPTEMBER 2023 NEWSLETTER



## From the the Board

Dear CSCE Members,

As our technical dinner series ramps up this year, we were excited to have the CTDOT Commissioner Garrett Eucalitto attend and present at our first dinner meeting on September 26, 2023, at the University of Connecticut at Storrs. The Commissioner provided an overview of the upcoming tasks and programs that are under development and are being implemented. The presentation included challenges that are being faced with Connecticut's infrastructure and funding for future mega projects.

Prior to the presentation by the CTDOT Commissioner, undergraduates from the University of Connecticut provided their annual update to the society at the dinner meeting. They have an active program and are expanding it on a year-over-year basis. CSCE engaged with them on a resume review session earlier this month before their career fair.

Finally, we are looking forward to the upcoming presentation on the Challenges to High-Speed Rail in the US on October 18th and Ultra High Performance Concrete (UHPC) on November 14th. We hope you can make it to these meetings to hear the technical presentations, to hear civil engineering students share the latest activities with the ASCE Student Chapters at Quinnipiac University and the University of New Haven and to catch up with friends and colleagues.

Best,  
Aaron Foster, P.E. M. ASCE

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## UPCOMING EVENTS

10/18	CSCE DINNER MEETING
10/18-21	ASCE 2023 CONVENTION
10/20	STRUCTURAL ENGINEERING SEMINAR
11/14	CSCE DINNER MEETING



## RESUME REVIEW RECAP

SEPTEMBER 19, 2023

In advance of the UConn career fair, 5 CSCE YMG volunteers held a resume review event on campus where 20 students were able to have their resumes reviewed and edited by young industry professionals. In addition to resume critiquing, general career advice was given, and individual questions were answered. YMG members were also able to explain the benefits of remaining active in ASCE following graduation. The event was received well by students and left them confident heading into the career fair and is was a good way for young engineering professionals to share information about their companies and any future job openings with the students. **If you would like to help out at a future resume review, please send an email to CSCE YMG President Tom Wamser at [csceymg@gmail.com](mailto:csceymg@gmail.com). More volunteers are always needed!**

# October 18, 2023 CSCE Monthly Dinner Meeting **Quinnipiac** Quinnipiac University (**Earn 1 NYS PDH**)

**5:30-6:30 P.M. Registration & Social Hour  
Followed by a Buffet Dinner & Presentation**

**Location: Quinnipiac University, Multipurpose Room,  
MNH-105, 370 Bassett Road, North Haven, CT**



Please join CSCE at this meeting to hear about the latest activities of CSCE from the **CSCE Board** and the latest activities of the ASCE Student Chapter at Quinnipiac University from **Quinnipiac students**, as well as a presentation by **David Jacobs, Ph.D.**, Adjunct Professor at the University of Hartford and **2019 Benjamin Wright Award Winner**, on the **Challenges for Achieving High Speed Rail in the United States.**

CSCE Members (No NYS PDH): \$55, CSCE Members (1 NYS PDH): \$65

Non CSCE Members (No NYS PDH): \$65, Non CSCE Members (1 NYS PDH): \$75

Full Time Students (No NYS PDH): \$20, Unemployed CSCE Members (No NYS PDH): Free

*Meeting Sponsorships also available, which help to reduce CSCE's dinner meeting costs.*



CONSTRUCTION  
INSTITUTE  
Connecticut Chapter

**Meeting Co-Sponsors: CT Chapter of ASCE Construction  
Institute & the ASCE Student Chapter at Quinnipiac University**  
**Registration information can be found on [www.csce.org](http://www.csce.org)**



# CSCE STRUCTURAL ENGINEERING SEMINAR

**OCTOBER 20, 2023**  
**8:00-4:00 P.M.**

**STRUCTURAL  
INSPECTION &  
REHABILITATION**



**MDC OPERATIONS  
FACILITY &  
TRAINING CENTER,  
125 MAXIM ROAD,  
HARTFORD, CT**

*Register on [www.csce.org](http://www.csce.org)*

**Sponsored by:**



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TRANSPORTATION ENGINEERS  
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## Registration Rates:

ASCE Member (includes  
NYS PDHs) - \$300

Non-ASCE Member  
(Includes NYS PDHs) -  
\$350

Government Employees  
& Retired People  
(includes NYS PDHs) -  
\$125

Younger Members (Under  
35 & Includes NYS PDHs)  
- \$200

Student/Faculty (School  
ID Required at  
Registration - No NYS  
PDHs) - \$35



Profits from CSCE  
continuing  
educational  
activities fund  
CSCE's  
scholarships.

## Featured Speakers & Presentations

Amir Bozorghaddad, Brightcon, LLC ~ Geo-Structural  
Instrumentation and Monitoring: Safeguarding Structures and  
Enhancing Performance

Mahmood Mohammed, P.E., and Jackson Eno, ATANE Consulting ~  
Innovative Approaches to Bridge Inspection, Load Rating and  
Repair

Mike Giacco and Kevin Hussain, AI Engineers ~ Enhancing Structure  
Inspection with Advanced Technology

Michael Grilliot, Ph.D., NHERI RAPID Facility ~ Advanced Inspection  
Techniques for Post-Disaster Evaluation

Suhail Albhaisi Ph.D., P.E., P.Eng., AECOM ~ Rehabilitation of Major  
Bridges in Urban ~ Rehabilitation of Major Bridges in Urban Areas  
Areas

Travis Green, WJE ~ Bridge Inspection/Life Cycle Analysis/NDT

**November 14, 2023 CSCE Monthly Dinner Meeting (Earn 1 NYS PDH)**  
**5:30-6:30 P.M. Registration & Social Hour**  
**Followed by a Buffet Dinner & Presentation**  
**Location: UNH Bartels Alumni Lounge**  
**300 Boston Post Road, West Haven, CT**

**Please join CSCE at this meeting to hear about the latest activities of CSCE from the CSCE Board and the latest activities of the ASCE Student Chapter at UNH from UNH students, followed by a presentation by Andrew Foden, Ph.D., P.E., and Jordy Padilla, P.E., of HNTB on Ultra High Performance Concrete (UHPC) for Bridge Deck Rehabilitation.**

**Early Registration Rates Until November 7th:**

CSCE Members (No NYS PDH): \$55, CSCE Members (1 NYS PDH): \$65

Non CSCE Members (No NYS PDH): \$65, Non CSCE Members (1 NYS PDH): \$75

Full Time Students (No NYS PDH): \$20, Unemployed CSCE Members (No NYS PDH): Free



**TRANSPORTATION  
& DEVELOPMENT  
INSTITUTE**  
Connecticut Chapter



University of  
New Haven

**Meeting Co-Sponsors: CT Chapter of the ASCE Transportation & Development Institute and the ASCE Student Chapter at the University of New Haven**

**Registration information can be found on [www.csce.org](http://www.csce.org)**



# EMPLOYMENT OPPORTUNITIES

## NVCOG - Environmental Engineer/Environmental Project Manager

The Naugatuck Valley Council of Governments (NVCOG) seeks candidates for the full-time position of Environmental Engineer/Environmental Project Manager to join the agency's Environmental Planning Team at a yearly rate of \$60,000-80,000. Applicants must have a bachelor's degree in civil or environmental engineering or an environment related field. Please submit a cover letter and resume to Aaron Budris, Environmental Planning Director, at [jobs@nvcogct.gov](mailto:jobs@nvcogct.gov). NVCOG is an equal opportunity employer.

## Town of Bethel, CT - Civil Engineer

The Town of Bethel is seeking a Civil Engineer in its DPW. It is preferred that candidates have:

- a bachelor's degree in Civil Engineering
- CT Professional Engineer's license or ability to obtain license within 2 years
- Knowledge of Complete Streets principles & practices and CT MS4 requirements

Applications can be obtained at <https://www.bethel-ct.gov/employment> and sent to [hr@bethel-ct.gov](mailto:hr@bethel-ct.gov). Salary range: \$70,00-85,000, commensurate with experience. Full Benefits. EOE

## GNCB - Senior Geotech Engineer

GNCB seeks Sr. Geotech Engineer to serve as Project Manager. Responsibilities: Manage projects including all aspects of field & lab investigations, project design, & construction administration; prepare budgets, proposals, reports & contracts; build and maintain Client Relationships. Minimum Quals: B.S. or M.S. in Civil Engineering with geotech concentration; P.E. in Connecticut; 8 to 12 years' experience showing proficiency in job responsibilities & knowledge of local subsurface conditions.

## 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](mailto:dcrandall@luchs.com)



# GEO INSTRUMENTS

**Zeid Alkas, Area Manager**  
 973-557-7667 800-477-2506  
[sales@geo-instruments.com](mailto:sales@geo-instruments.com)  
[www.geo-instruments.com](http://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](http://www.csce.org) and send it to [csceinfo@gmail.com](mailto:csceinfo@gmail.com). Once that information is received, CSCE will provide a cost estimate to you.

# EMPLOYMENT OPPORTUNITIES (Continued)

## 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](mailto: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](http://conlonengineering.com) and email resumes to [office@conlonengineering.com](mailto: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](mailto:joe.pereira@pereiraeng.com).

## Experts Wanted

University of Connecticut Associate Professor Wei Zhang, Ph.D., P. E., seeks a panel of experts to help students engaged in senior design projects. Senior design projects consume the entire the academic year.

The University understands not everybody can make a year-long commitment. Dr. Zhang would like to have some experts who can help periodically for technical questions as they arise. This will benefit his students when they need substantial help during their senior design. Of course, Professor Zhang welcomes experts who are able to commit to certain projects, especially competition related design projects. (A group of UConn students won a \$15,000 award last spring for their senior design project.)

Your expertise will enhance their learning experiences with direct interaction with professional engineers. Dr. Zhang needs professional engineers with experience in a wide range of disciplines and fields of design: structural engineering, geotechnical engineering, transportation engineering, site design, construction, coastal, water resources, and environmental engineering, etc.

Please contact Dr. Zhang [wzhang@uconn.edu](mailto:wzhang@uconn.edu) by email to express your willingness to assist and technical interests. Dr. Zhang will setup a virtual space for future correspondence with students.

**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**

# VOLUNTEER OPPORTUNITIES

## Career Guidance Committee

A volunteer is needed to manage CSCE's Career Guidance Committee for 2023-24. This Committee provides information on civil engineering to the public, school libraries, high school guidance personnel and students (K-12) to aid them in their choice of career and to provide them with useful information about preparing for a career in civil engineering. If you would be interested in helping out with similar activities and/or managing this Committee, please send an email to [csceinfo@gmail.com](mailto:csceinfo@gmail.com).

## Continuing Education Committee

**Volunteer Opportunity** Do you have ideas for Continuing Education Events for Civil Engineers in CT? A volunteer is needed to manage the CSCE Continuing Education Committee for 2023-24. This Committee: Manages the continuing education activities in the Section consistent with the overall goals of the CSCE Board Assists other committees and Institute Chapters with their continuing education events like the GEO-CT Geotechnical Conference and the Structural Engineering Seminar in the fall and the Geotechnical Engineering Seminar in the spring Sponsors continuing educational activities that are not sponsored by other Section Committees or Chapters of ASCE Institutes. If you are interested in managing CSCE's Continuing Education events in 2023-24, please send an email to [csceinfo@gmail.com](mailto:csceinfo@gmail.com).

## UNIVERSITY OF HARTFORD

Professor Todd Brown from the University of Hartford is looking for help connecting students to the outside world with guest speakers, field trips and participation in professional organizations during the upcoming semester.

Professor Brown and his colleague, Song Wang, are planning to take civil engineering students on a field trip this fall to visit 3-4 construction sites within an hour's drive from Hartford. Site development, water/wastewater/stormwater, transportation, or buildings are all of interest. If you have a project that you believe would be a good fit, please send an email to [tobrown@hartford.edu](mailto:tobrown@hartford.edu).

In addition, there are honors students looking for an independent research study for this year in the environmental/water field. Please email Professor Brown if you have a project involving modeling, sampling, data analysis, etc.

A volunteer is needed to manage CSCE's History & Heritage Committee for 2023-24. If you would like to learn more about this opportunity, please send an email to [csceinfo@gmail.com](mailto:csceinfo@gmail.com).



## ACTIVITIES OF AFFILIATED ORGANIZATIONS

### *30th Annual Induction Ceremony at the Connecticut Women's Hall of Fame*

This year's ceremony has the theme of, "Women Who Build," and will be on October 26, 2023, at 6:00 p.m. at the Bushnell Performing Arts Center in Hartford, CT. There are opportunities for sponsorships of the Induction Ceremony and related Educational Programs. Please see this link for more information: <https://www.cwhf.org/induction-ceremony>

Also, Females in STEM can volunteer for one of the Hall of Fame's STEMFEMS hands-on activity days for middle school girls.  
<https://www.cwhf.org/stempfems-events>

## Recent Passings of CSCE Members

David A. Sacco, age 64, died unexpectedly on August 12, 2023, while leading a group of university students on an international development project in rural Ecuador. David was a professional engineer who began his career in Washington State. Since 2000, he has worked at TPA Design Group in New Haven, Connecticut, providing site evaluation and design for residential, commercial, and municipal clients. In addition to his domestic engineering work, he served as a school construction volunteer with the Peace Corps in Gabon (1986-1988), and as an Associate Field Officer for UNHCR in Sri Lanka through the United Nations Volunteers (1995-1996). He also worked on short-term projects in the Democratic Republic of the Congo, Kosovo, and Nigeria.

For many years, David served as a professional mentor for the Engineers Without Borders-USA (EWB-USA), Yale Student Chapter. With the EWB-Yale Chapter, David worked alongside engineering undergraduates and local community members on water supply projects in Cameroon and Tanzania. In 2011, David received the EWB Founders Award for his service to the mission of EWB-USA and was recently honored by EWB with the Accomplished Mentor Award.



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.