



The Connecticut Society of Civil Engineers  
presents the  
12th Annual  
**ACHIEVEMENT IN CIVIL ENGINEERING**  
**ACE AWARDS PROGRAM**



The Connecticut Society of Civil Engineers (CSCE) Section of the American Society of Civil Engineers aims to enhance the professional growth of its individual members, the advancement of engineering knowledge, the maintenance of high professional standards, to promote Civil Engineering education, to foster student membership and participation and cooperation with other engineering societies, in a manner consistent with the objectives of ASCE.

CSCE is honoring the design and construction achievements of Connecticut Civil Engineers. 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. The ACE Awards will distinguish the projects, and thereby honor the overall contributions of numerous engineers and other team members.

To be eligible, a project must have been **planned, designed, or constructed** substantially between January 1, 2018, and December 31, 2018, in Connecticut. Preference will be given to projects physically located in Connecticut. Additionally, ASCE/CSCE members and non-members can submit projects related to: planning, design, and/or construction. Completed ACE Awards Application should include a Cover Sheet and related attachments (see other side of sheet). CSCE encourages firms that functioned as sub-consultants to submit individually or partner with the prime engineering firms to submit an application.

**There is no application fee for ASCE/CSCE members, but a required fee of \$300 for non-ASCE/CSCE members.** All applications must be received by CSCE no later than March 31st. Prior to submitting an application, please ensure that all necessary permissions have been obtained from the owner (and other project team members) to allow for the disclosure of information about the project and team members, and photographs of the project.

Each application will be evaluated by a jury established by the CSCE Executive Board, based upon the following criteria:

- Advancement and innovation in the field of civil engineering
- Contribution to the well-being of people and communities
- Ingenuity in construction techniques, materials
- Accomplishment of project objectives in the face of significant challenges
- Excellence in the management of the design and/or construction process or design
- Client satisfaction

After the presentation of the awards, CSCE will send out a press release recognizing all projects and team members receiving ACE Awards. Additionally, this year’s ACE Award recipients will be noted in the program for next year’s ACE Awards dinner and in this year’s Annual Report. For more information, please contact CSCE at [admin@csce.org](mailto:admin@csce.org).

Please note that awards will not be specific to a particular category. Based on applications received, CSCE will divide projects into large or small projects and award a first place and second place in each category.

Thank you for your participation and good luck.



# 2019 CSCE ACE Awards Application Cover Sheet



Project Name: \_\_\_\_\_

Address, City, State: \_\_\_\_\_

Date of Project Completion (for phase/segment of project under this application): \_\_\_\_\_

Applicant Name: \_\_\_\_\_ Firm Name: \_\_\_\_\_

Firm Address: \_\_\_\_\_ Project Role: \_\_\_\_\_

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

Project Description (500 characters or less): \_\_\_\_\_

## Attachments:

1. Narrative (no more than three pages) explaining why the project deserves an ACE Award
2. Project Team Members (Engineers, Architect, Contractors, Construction Manager, Owner, etc.) and list of CSCE members involved and a summary of their significant contribution
3. Up to 6 photographs in digital formats
4. Client testimonials or recommendations
5. Newspaper articles
6. Any other materials that will assist in evaluating the merits of the project
7. 6 Electronic slide files with project photographs for use in slide show at ACE Awards
8. \$300 fee for non-ASCE/CSCE members

This completed form is the cover sheet of your application package. Please submit the application electronically as a pdf file via email to [admin@csce.org](mailto:admin@csce.org) by March 31<sup>st</sup>. Originals or hard copies are no longer required to be submitted.

*President*

**DAVID CHAPMAN, P.E.**

Phone: 203-627-7097

E-Mail: president-2017@csce.org

*President-Elect/ Vice President*

**BENJAMIN COTE, P.E.**

Phone: 860-531-9137

E-Mail: president-elect-2017@csce.org

*Secretary*

**BRIANNA MALJANIAN, P.E.**

Phone: 860-659-0444

E-Mail: secretary-2017@csce.org



***Since 1884***

*Treasurer*

**GEORGE GERARD, P.E.**

Phone: 860-815-0290

E-Mail: treasurer-2017@csce.org

*Newsletter Editor*

**SCOTT NOLAN, E.I.T.**

Phone: 203-271-1773

E-Mail: nl-editor-2017@csce.org

*Director I*

**CHRISTOPHER BEAULIEU, P.E.**

Phone: 860-966-2670

E-Mail: director-i-2017@csce.org

*Director II*

**HUDSON JACKSON, Ph.D., P.E., DIPL-ING**

Phone: 860-444-8315

E-Mail: director-ii-2017@csce.org

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## 2019 ACE Awards

Dear Colleague:

As the President of the Connecticut Society of Civil Engineers, I invite you to participate in CSCE's Twelfth Annual Achievement in Civil Engineering ("ACE") Awards program where CSCE will honor the planning, design, and construction achievements of Connecticut Civil Engineers. These Awards, which will be given out at CSCE's dinner event on Tuesday, May 21, 2019, at the Aqua Turf Club in Plantsville, Connecticut, will commend projects on which significant engineering expertise or innovation was exhibited. The ACE Awards will distinguish these projects and thereby honor the overall contributions of numerous engineers and other team members.

On the other side of this page, please find information regarding the sponsorship opportunities for the ACE Awards. Please show your firm's support by registering for or sponsoring the ACE Awards. Please contact Amy Petrone, CSCE Administrative Assistant, at [admin@csce.org](mailto:admin@csce.org) or at (860) 879-2723 if you have any questions about the 2019 ACE Awards.

I look forward to your participation in this wonderful event where several outstanding projects – and the engineers who made them possible – will be recognized.

Sincerely,

A handwritten signature in black ink that reads 'David R. Chapman'. The signature is written in a cursive style.

David R. Chapman, P.E., M.ASCE  
CSCE President



## 2019 ACE Awards Dinner Event Pricing & Registration



Aqua Turf Club  
556 Mulberry Street, Plantsville, CT

Tuesday, May 21, 2019

**Important Times: 5:00 PM Reception, 6:00 PM Dinner & Program**

Ticket Type	Price
Individual	\$80 per Person
Full Table (10 seats)	\$725 per Table

### CORPORATE SPONSORSHIP LEVELS

**Platinum Sponsorship (\$2,500)** includes Full Page advertisement in Dinner Pamphlet, Advertisement on Event Sponsorship Board, and Two Dinner Tables.

**Gold Sponsorship (\$1,500)** includes Half Page Advertisement in Dinner Pamphlet, Advertisement on Event Sponsorship Board, and One Dinner Table.

**Silver Sponsorship (\$1,000)** includes Quarter Page advertisement in Dinner Pamphlet, Advertisement on Event Sponsorship Board, and Four seats at the Dinner.

**Bronze Sponsorship (\$500)** includes Business card size advertisement in Dinner Pamphlet, Listing of company name on Event Sponsorship Board, and Two seats at the Dinner.

To register for or sponsor the 2019 ACE Awards, please go to the ACE Awards link on the CSCE website: <http://sections.asce.org/connecticut/>

Please contact Amy Petrone at [admin@csce.org](mailto:admin@csce.org) or (860) 879-2723 if you have any questions about the 2019 ACE Awards.

### A Note about Photographs

People participating in CSCE events may be photographed by a photographer hired by CSCE. These photographs may appear without compensation or notice in online, printed or electronic materials related to CSCE. People who do not want to be photographed should contact Amy Petrone, CSCE Administrative Assistant, at [admin@csce.org](mailto:admin@csce.org) or (860) 879-2723.



Connecticut Society of Civil  
Engineers  
Twelfth Annual Achievement in  
Civil Engineering Awards  
May 21, 2019



**Welcome & Introduction by CSCE President David Chapman, P.E.**

**ASCE/CSCE Announcements**

**ASCE's Annual Election for Society and Local Leaders**

**Upcoming CSCE Events in 2019**

Friday, June 14 ~ Structures Technical Group Workshop

Location: CT Department of Transportation, Newington, CT

Topic: Improved Bridge Management through Innovative Ways in Condition Assessment of Concrete Bridge Decks: Data Collection Using Robotics and Advanced Data Interpretation

Presenter: Professor Nenad Gucunski of Rutgers University

CSCE is applying to PIE to provide 2 NYS Professional Development Hours (PDHs) for this workshop.

Friday, July 19 ~ 24th Annual CSCE/ITE/ITS Golf Outing

Location: Timberlin Golf Club in Berlin, CT

Friday, September 20 ~ 22nd Annual CSCE Fall Geotechnical Seminar

Topic: Advanced Geotechnical Characterization and Evaluation

Location: Four Points by Sheraton, Meriden, CT

6-7 PDHs are typically offered at this event

October/November - YM First Annual "Can-struction" Competition

Firms will use engineering and creative skills to build the best can-structure

Support local food pantries and compete against local firms

**Welcome to CSCE Past Presidents, Allied Organization Officers, and ASCE Officers**

**Presentation by 2019 ASCE Region 1 Director Anthony Cioffi, P.E., M.ASCE**

**Presentation of Individual Awards**

*Life Member Awards*

*Civil Engineering Educator of the Year Award*

*Civil Engineer of the Year Award*

*Young Engineer of the Year Award*

*Civil Engineering Employer of the Year Award*

*President's Award*

*Benjamin Wright Award*

## **ACE Project Nominations**

*Ansonia Riverwalk*

*Applicant: DeCarlo & Doll, Inc.*

*CTDOT Rocky Hill Repair Facility*

*Applicant: Kleinfelder*

*Great Hill Tunnel & Pipeline Restoration*

*Applicant: Tighe & Bond, Inc.*

*Harding High School*

*Applicant: Stantec*

*New Haven-Hartford-Springfield Rail Program*

*Applicant: WSP USA, INC. / STV Inc.*

*Rehabilitation of Bridge Nos. 03190A/B/C/D/E/F & 03191A/B/D/E*

*Applicant: HNTB Corporation*

*Replacement of Bridge No. 01127 Route 80 Over Farm River*

*Applicant: STV*

*Replacement of the Bassett Road Bridge #03120 over I-91*

*GM2 Associates, Inc.*

*The Hartford Line Station Design*

*Applicant: Michael Baker International, Inc.*

*The Lofts at Ponemah Mills*

*Applicant: GNCB Consulting Engineers, P.C.*

*Veteran's Memorial Park Improvements: Crane and Rigging Details – Monoliths and Statues*

*Applicant: Siefert Associates, LLC*

*Waterbury Bus Storage and Maintenance Facility*

*Applicant: AI Engineers, Inc.*



## **Induction of 2019-2020 Officers**

*President ~ Benjamin Cote, P.E.*

*President-Elect ~ George Gerard, P.E.*

*Vice President ~ Brianna Maljanian, P.E.*

*Treasurer ~ Scott Nolan, E.I.T.*

*Secretary ~ Aaron Foster, P.E.*

*Newsletter Editor ~*

*Director I ~ David Chapman, P.E.*

*Director II ~ Christopher Beaulieu, P.E.*

***Closing Remarks by 2019-2020 CSCE President ~ Benjamin Cote, P.E.***

## 2018-2019 Annual Reports of CSCE Committees, Geo-Institute & Technical Groups

Career Guidance Committee – Chair: Benjamin Cote, P.E.

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.

Connecticut Valley Geo-Institute (formerly the Geotechnical Technical Group) – Chair: Benjamin Cote, P.E.

The Connecticut Valley Geo-Institute develops and implements programs and provides a forum to better enable those civil engineers interested in the Geotechnical Engineering discipline. In 2018-2019, the Geo-Institute coordinated two continuing education activities for geotechnical engineers. On September 28, 2018, the Geo-Institute held its 21st Annual Geotechnical Seminar on the topic of Rock Mechanics at the Four Points Sheraton in Meriden, CT. The seminar provided the 90 registrants (up from 72 in 2018) with the opportunity to earn seven professional development hours (7 PDHs). On April 5, 2019, the Geo-Institute held its 9th Annual Spring Geotechnical Workshop on the topic of Design of Helical Piles and Anchors on the University of New Haven campus in West Haven, CT. The Workshop provided the 60 registrants with the opportunity to earn seven professional development hours (7 PDHs). Profits from CSCE continuing education activities like these fund CSCE scholarships. In addition, the Geo-Institute worked with the Student Chapters of ASCE at the University of Connecticut to coordinate the speaker and topic for the monthly dinner meeting on October 17, 2018, at the Nathan Hale Inn on the campus of the University of Connecticut. At that meeting, Dr. Robert Gilbert of the University of Texas gave a presentation on case histories in forensic geotechnical engineering.

Construction Technical Group – Chair: Billy Cunningham, P.E.

This Technical Group develops and implements programs and provides a forum to better enable those civil engineers, interested in the Construction Engineering discipline. On September 18, 2018, this Technical Group worked with the ASCE Student Chapter at the Central Connecticut State University (CCSU) to coordinate the speaker and topic for the monthly dinner meeting at Memorial Hall at CCSU. At that meeting, Brian McCarthy of CDM Smith and

Andrew Perham at the MDC provided an overview of the South Hartford Conveyance and Storage Tunnel (SHCST) Project.

Continuing Education Committee – Chair: Benjamin Cote, P.E.

This Committee formulates and executes Continuing Education activities in the Section consistent with the goals of the Board. The Committee assists other Section Committees and Technical Groups in areas of Continuing Education. The Committee also sponsors some continuing educational activities that are not sponsored by other Section Committees or Technical Groups.

Fairfield County Branch – President: Ronald Hill, P.E.

This Branch provides meetings, joint meetings, continuing education seminars, and other programs similar to the Section programs in the Fairfield County. On March 12, 2019, the Branch coordinated a monthly dinner meeting at the Norwalk Inn in Norwalk, CT. At that meeting, Rose M. Gavrilovic, P.E., and Orville A.D. Kelly, both of the South Central Connecticut Regional Water Authority, and Darleen P. Buttrick, P.E., of Tighe & Bond provided attendees with a presentation on the Great Hill Tunnel Emergency Repair Project in North Branford, CT.

Government Engineers Committee - Chair: Rabih Barakat, P.E.

This Committee develops and implements programs and a forum to better enable those civil engineers working in the public sector to provide enhanced service to the public. On January 23, 2019, this Committee worked with the University of New Haven's Student Chapter of ASCE to coordinate a monthly dinner meeting at the Yale Graduate Club in New Haven, CT. At that meeting, incoming Connecticut Department of Transportation Commissioner Joseph Giulietti presented an overview of the current and future activities of the DOT.

History & Heritage Committee – Chair: Randall States, P.E.

This Committee prepares and submits nomination papers to ASCE for the designation of Connecticut sites as National Historic Civil Engineering Landmarks and works with ASCE on matters associated with such designation. The Committee also handles other matters relating to engineering and section history and heritage as they may arise.

Infrastructure Report Card Ad-Hoc Committee

On October 30, 2018, the Connecticut Society of Civil Engineers (CSCE) Section of the American Society of Civil Engineers released the 2018 Report Card for



Connecticut's Infrastructure, identifying Connecticut's infrastructure shortfalls and successes, and revealing to us just how much our infrastructure needs attention. The Report Card assessed five infrastructure categories and assigned Connecticut with an overall grade of "C-". Included in the Report Card are grades for the state's network of roads, which received a "D+," and bridges, which received a "C-." The report card may be found online at: <https://www.infrastructurereportcard.org/state.../connecticut/>

Legislative Affairs Committee – Chair: Roy Merritt, P.E.

This Committee investigates, studies, and makes recommendations to the Executive Board and Technical Groups concerning standards of practice, professional ethics, other timely public issues in which the civil engineer has a particular interest and legislation as it affects the profession and the Section. The Committee maintains liaisons with appropriate national committees, citizens' groups, and other professional or industry organizations to improve communications, to arrive at mutually acceptable solutions to common problems and to coordinate support or opposition to legislation and government policies and to respond quickly to the changing needs of the profession. In 2018-2019, this Committee provided testimony on behalf of CSCE to the state legislature on the following bills:

In Support of:

Senate Bill No. 713 – An Act Concerning Open Rest Areas

House Bill No. 5162 – An Act Establishing A Task Force To Study Alternative Funding Sources For Rest Areas On State Highways

House Bill No. 7280 (Raised) – An Act Concerning Support For Transportation Infrastructure And The Creation Of The Connecticut Transportation Finance Authority

House Bill No. 7202 – An Act Concerning The Sustainability Of Connecticut's Transportation Infrastructure

In Opposition to:

Senate Bill No. 917 - An Act Concerning The State Contracting Standards Board And Requirements For Privatization Contracts

Senate Bill No. 1037 – An Act Concerning Verification of Contractor Employee Activity Under Certain Computer-Related State Contracts

Senate Bill No. 876 – An Act Authorizing And Adjusting Bonds Of The State For Capital Improvements, Transportation And Other Purposes

## House Bill No. 877 – An Act Concerning Revenue Items To Implement The Governor’s Budget

From March 12-14, 2019, Brianna Maljanian, P.E., Jen Buchanon, P.E., and Katie Klose represented CSCE at the 19th Annual ASCE Legislative Fly-In in Washington, DC. While there, they attended Younger Members training events and met with the ASCE President-Elect and staff of Connecticut legislators.

Programs Committee – Chair: Jeff Benoit, P.E.

This Committee plans, schedules and makes necessary arrangements for the Section's monthly dinner meetings.

Scholarship Fund Committee – Chair: Chair: James Sime, P.E.

This Committee plans, advises, supervises and coordinates the investments made for the Scholarship Fund. As part of its work, it provides updates to the CSCE Board on the status and activities of CSCE’s Scholarship Fund, which has grown to almost \$229,000. At the dinner meeting on April 16, 2019, CSCE distributed \$13,000 in scholarships to 13 college students who were studying in engineering or engineering-related fields.

Structures Technical Group – Chair: Ranjit Bhave, P.E.

This Technical Group develops and implements programs and provides a forum to better enable those civil engineers, interested in the Structural Engineering discipline. On November 7, 2018, this Group worked with the ASCE Student Chapter at the University of Hartford to coordinate the topic and speaker for this dinner meeting. At this meeting, Tom Laliberte, P.E., and Benjamin Szymanski, P.E., both of WSP provided attendees with a presentation on the West River Project in West Haven and New Haven, CT.

Water Resources Committee – Chair: Thomas Loto, P.E.

This Committee plans, schedules, and implements programs to better enable those civil engineers interested in the Water Resources discipline. On April 16, 2019, this Committee worked with the ASCE Student Chapter at U.S. Coast Guard Academy (USCGA) to coordinate the topic and speaker at the dinner meeting held on the USCGA campus in New London, CT. At this meeting, Amanda Ryan, the Municipal Stormwater Educator at the Center for Land use Education And Research (CLEAR) at the University of Connecticut, Storrs, CT, will provide attendees with an overview of the requirements for a General Permit for the

## Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4 General Permit).

### Website Committee – Chair Needed (VOLUNTEER OPPORTUNITY)

This Committee operates, maintains, and upgrades the CSCE website. The Committee also investigates, studies, and makes recommendations to the Executive Board concerning the operation, maintenance, financing, and appearance of the website. The committee maintains contact with appropriate local and national committees, groups, and student chapters and clubs, to improve communications through technology.

### Younger Members Committee – Chair: Jodi Greene, P.E.

This Committee fosters the professional growth, ethical awareness, and technical competence of the Section's younger members. The Committee encourages membership and participation in ASCE and CSCE Committees, Technical Groups, and other activities. The Committee may sponsor or co-sponsor activities of interest to younger members. In 2018-2019, the Committee coordinated the following outings:

June 1, 2018 - Younger Member Dunkin Donuts Stadium Tour and Yard Goats Social

July 13, 2018 - 23rd Annual CSCE/ITE/ITS Golf Outing at Timberlin Golf Club

July 26, 2018 - CT Summer Brewery Social Outing '18 at the Alvarium Beer Company in New Britain, CT

October 20, 2018 - Younger Members volunteered at the the Women's Transportation Seminar (WTS) Connecticut Chapter's student outreach event at the Connecticut Science Center for the Spooktacular Science Weekend.

October 21, 2018 - Younger Members Annual Trail Clean Up

November 5, 2018 - University of Hartford Student Resume Reviews

December 7, 2018 - Younger Members Hartford Wolfpack Hockey Game & Social

February 28, 2019 – Younger Member Social at the Alvarium Beer Company in New Britain, CT

January 25-26, 2019 - Six Younger Members attended this year's Regions 1, 2, 4 & 5 Multi-Region Leadership/Younger Member Councils Conference (ERYMC) in Orlando, FL. While at the conference, CSCE Younger Members presented an application to host the 2021 ASCE Younger Member Leadership Conference.

May 16, 2019 - Younger Member Dunkin Donuts Stadium Tour and Yard Goats Social

**VOLUNTEERS WANTED** CSCE is always looking for more volunteers to help with the activities of its Committees, Geo-Institute, Technical Groups, the Fairfield Branch and the Executive Board. If you are interested in getting more involved with CSCE's activities and efforts, please don't hesitate to contact any of the contact people listed above or to contact CSCE by telephone at 860-879-2723 or by email at [admin@csce.org](mailto:admin@csce.org).

**CSCE is looking for a Newsletter Editor for 2019-2020. This Executive Board position promotes ASCE and CSCE activities to the CSCE membership. If you are interested in this position or know of someone who might be interested, please contact an Executive Board member or send an email to [admin@csce.org](mailto:admin@csce.org).**

### HOW TO VOTE IN THE 2019 ASCE ELECTION

Go to: <https://www.asce.org/elections/>

**Members at the grade of Associate or above may vote in the election. Members must pay their dues no later than April 1 and have a valid email address on file.**

**Paper ballots are available upon request. For more information, please contact Patty Montgomery ([pmontgomery@asce.org](mailto:pmontgomery@asce.org)) before May 22, 2019.**

**Election credentials will be the same as your ASCE login.**

**Voting will be open May 1 at 12:01 a.m. CDT until 5 p.m. CST on June 3.**



Question today  
*Imagine tomorrow*  
Create for the future

*Congratulations to the  
New Haven-Hartford-Springfield Rail  
Program team and all the  
ACE award winners!*

*Find out what we can do for you.*

**wsp**

Formerly  
WSP | PARSONS BRINCKERHOFF

[wsp.com/usa](http://wsp.com/usa)

*Join our team!*