Date: Tuesday, January 15, 2008

Speaker: Joe King, Study Manager


Stationary fuel cell power plants have been deployed in commercial operation since the early 1990's. The Connecticut General Assembly sought to determine the feasibility of using fuel cells for the New Haven commuter rail line. Ongoing rail infrastructure improvements provide a window of opportunity to use fuel cell products manufactured in Connecticut as a clean and efficient power source while simultaneously growing the Connecticut economy. Mr. King will discuss the Connecticut Academy of Science and Engineering’s report that defines New Haven rail line candidate applications; determines technical feasibility of utilizing fuel cell power plants to meet these requirements; identifies economic consequences of using fuel cells; recommends appropriate utilization of fuel cells, and; identifies additional effort required to prepare and issue a request for fuel cell bids.

Location: Three Bears Restaurant, Route 33, Westport

Time: 5:30-6:30 PM Social Hour, 6:30 PM Dinner, 7:30 PM Program

Cost: Members & Life Members: $30.00 Full Time Students: $10.00 (Please make checks payable to CSCE)

Dinner: Choice of English Cut Prime Rib, Broiled Salmon or Chicken Marsala

Reservations: Contact Amy Petrone, (860) 526-5935 or by email at admin@csce.org by noon on January 11th.

Directions: Three Bears Restaurant is located just off the Merritt Parkway via Exit 41. Coming from the south, turn right onto Route 33. Coming from the north, turn left onto Route 33 - proceed just moments to the intersection of Route 33 and Wilton Road. The restaurant is on the left. From I-95, take Exit 17, and proceed 3.5 miles north to the Three Bears Restaurant.
Happy New Year! Hope all of you enjoyed the Holidays and the time spent with family and friends. Now that the holidays are over, we can start looking at what we plan to accomplish in 2008. I hope that you will reflect on the benefits of active participation in CSCE and consider attending a monthly dinner meeting, joining a committee, or attending a continuing education seminar.

I am looking forward to our joint CSCE/Fairfield County Dinner Meeting in Westport. Ron Hill has worked hard to organize an interesting dinner meeting topic regarding the use of fuel cells to generate power for the New Haven Line. I hope this provides an opportunity for me to meet many CSCE members living in Fairfield County who do not get an opportunity to attend our dinner meetings in the Hartford area or in Eastern Connecticut.

Our Structures Technical Group has been busy preparing a continuing education seminar regarding the Seismic Design provisions of the 2003 & 2006 International Building Codes. The seminar will be held on Tuesday, January 29 from 1:00 to 5:00 pm at the MDC Training Center in Hartford. The group is presently seeking New York State approval for continuing education credits (4.0 PDH). Look for a registration form in this newsletter. More information will also be available at our website.

The CSCE Board held an abbreviated meeting on December 12 at the Tuscany Grill in Middletown. Our primary topic of discussion was our May annual meeting. This meeting will include CSCE’S 1ST ANNUAL CONNECTICUT ACE AWARDS FOR ACHIEVEMENT IN CIVIL ENGINEERING. Look for upcoming information and an application to nominate your project:

- Transportation
- Water Resources/Environmental
- Geotechnical
- Structural
- Construction

Contact Ron Nault at vice-president@csce.org if you have any questions regarding this exciting new event.

Finally, I would like to thank all Board and Committee members for their hard work and efforts during 2007. Here’s to a great 2008!

James Silva, P.E., M.ASCE
President
BENJAMIN WRIGHT AWARD NOMINATIONS

The Benjamin Wright Award is CSCE’s highest award, presented each year to a civil engineer practicing in Connecticut who has demonstrated outstanding practice his or her career, and made significant contributions to civil engineering. Please consider nominating a deserving colleague. Nominations are due by April 13, 2007. The Executive Board will vote to determine the award winner and make the presentation at our annual meeting in May. Candidates will be considered for several years following their nomination. Nominations should be directed to Randall States (rtstates@geodesign.net), Billing Cunningham (Director-I@csce.org), or Tom Roy (Director-II@csce.org).

MAKE SURE YOU’RE GETTING THE FULL NEWSLETTER

Don’t forget that all CSCE members that have a current email address on record with ASCE receive the full version of each monthly newsletter by email. If you’re not receiving this and want to, go to ASCE’s website (www.ASCE.org) and click on the “Members Only / Update Membership Information” link, or call ASCE at (800) 623-9068. Keep in mind that the full newsletter is posted on CSCE’s website (www.CSCE.org). Also, if you wish to receive the newsletter by electronic means only, please send an email to NL-Editor@csce.org.

TAKE ADVANTAGE OF ASCE’S TECHNICAL SPECIALTY INSTITUTED

Of the approximately 1470 ASCE members in CSCE's database, about 495 have not enrolled in any of ASCE's eight technical specialty Institutes:

- Architectural Engineering Institute (AEI)
- Coasts, Oceans, Ports, and Rivers Institute (COPRI)
- Construction Institute (CI)  -- New in 2008!
- Engineering Mechanics (EMI)
- Environmental & Water Resources Institute (EWRI)
- Geo-Institute (G-I)
- Structural Engineering Institute (SEI)
- Transportation & Development Institute (T&DI)

All ASCE members are eligible to join one Institute at no additional cost; additional Institute memberships are available at $20 each. When you receive your 2008 ASCE dues statement, take a moment to see if you are missing out on this member benefit. You can also go online (www.asce.org/myprofile) to update your membership information or call 703-295-6000 or 703-295-6351 to request additional Institute information and to join an Institute. ASCE's Institutes work to advance the knowledge and practice of specific civil engineering specialties by focusing on the technical, educational, and professional issues within that area. By enrolling, you are brought together with other professionals within your specialty area and are provided with a variety of additional resources. Become an Institute member today!

THE BRAIN TEASER CORNER


Upside-Down Year: What was the last year that was the same upside-down as right side up?

Solutions will be shown in the next newsletter. Want to stump your colleagues? If so, submit your Brain Teaser (and solution) to the editor at NL-Editor@csce.org.
2007-2008 CSCE MONTHLY MEETING CALENDAR

Please mark your calendars!

- Tuesday, February 19, 2008 at the Hawthorne Inn, Berlin (Newsletter submissions due by January 25)
- Wednesday, March 12, 2008 at University of New Haven (Newsletter submissions due by February 29)
- Tuesday, April 15, 2008 at U.S. Coast Guard Academy (Newsletter submissions due by March 28)
- Wednesday, May 7, 2008 at a location to be determined (Newsletter submissions due by April 25)

Return Services Requested:
Michael Cook, ASCE Geographic Services Manager
1801 Alexander Bell Dr., Reston, VA 20191

Send other section correspondence to:
Jason F. Waterbury, P.E., Secretary
19 Charles Mary Drive
Higganum, CT 06441
Email: Secretary@csce.org

President
James L. Silva, P.E.
Phone: (860) 423-4506, Fax: (860) 423-1875
E-Mail: President@csce.org

President-Elect
Christopher M. Holden, P.E.
Phone: (860) 343-8085 x155, Fax: (860) 343-8091
E-Mail: President-Elect@csce.org

Vice President
Ronald J. Nault, P.E.
Phone: (203) 288-5188 x207, Fax: (203) 288-2583
E-Mail: Vice-President@csce.org

Treasurer
Rabih M. Barakat, P.E.
Phone: (860) 594-3389, Fax: (860) 594-3218
E-Mail: Treasurer@csce.org

Newsletter Editor
Gregory K. Holness, P.E., Esq.
Phone (860) 275-6425, Fax (860) 275-6410
E-Mail: NL-Editor@csce.org

Director II
Thomas J. Roy, P.E.
Phone: (203) 278-7850, Fax: (860) 525-5013
E-Mail: Director-II@csce.org

Director I
William J. Cunningham, P.E.
Phone: (203) 723-5830, Fax: (203) 723-9346
E-Mail: Director-I@csce.org
Presenting the First Annual CSCE

“ACE” Awards

for

Achievement in

Civil

Engineering

Water Resources/Environmental
Transportation
Geotechnical
Structural
Construction

to be presented at our May CSCE meeting

Upcoming information and an application to nominate your project will be forthcoming.

Questions may be directed to Ron Nault at vice-president@csce.org or nault@luchs.com.
At the September 2007 meeting, the Region 1 Board of Governors updated the Region 1 Bylaws and Rules. When the original Bylaws and Rules were written, it was known that they would require tweaking as experience was gained in governing the new Region. The changes can be viewed by going to the following website: http://region1.asce.org/RevisionstoBylawsandRules.html. The Bylaws have already been reviewed by the national Governing Documents Committee and they had no changes. All Bylaws must have a 60 day review period to receive comments from our members. Thus, all comments regarding the Bylaws must be submitted to Region 1 Secretary, Tom Donnelly, Thomas.Donnelly@hdrinc.com, by February 1, 2008.

UNIVERSITY OF HARTFORD SEMINARS

The Department of Civil and Environmental Engineering at the University of Hartford is offering the following graduate courses in spring 2008:

- Simulation and Modeling of Transportation Systems, Thursday 7:30 – 10:00 PM, Dr. Clara Fang, Civil and Env. Engineering Dept, University of Hartford
- Advanced Structural Design, Wednesday 7:30 – 10:00 PM, Dr. Osama Mohamed, Civil and Env. Engineering Dept, University of Hartford
- Geotechnical Engineering II, Thursday 7:30 – 10:00 PM, Dr. Saleh Keshawarz, Civil and Env. Engineering Dept, University of Hartford
- Finite Element Analysis, Monday 7:00 – 9:45 PM, Dr. Osama Mohamed, Civil and Env. Engineering Dept, University of Hartford
- Hazardous Waste Management, Wednesday 7:30 – 10:00 PM, Patrick Fennell, Senior Consulting Engineer, TRC Environmental
- CT Environmental Regulations & Policy, Tuesday 6:10 – 8:55 PM, MaryAnn Haverstock, Bureau of Waste Management, CT DEP

Classes start January 23, 2008. For more information, please contact Dr. David Pines at (860) 768-4560 or pines@hartford.edu.

ATTENTION YOUNGER MEMBERS

Younger Members are considered to be 35 years of age or younger. The Younger Member Committee fosters the professional growth, ethical awareness, and technical competence of the Section's younger members. The Committee sponsors both technical and non-technical trips. The Committee encourages membership and participation in ASCE and CSCE Committees, Technical Groups, and other activities. If you are interested in meeting fellow peers, please contact Sara Ramsbottom at sara.ramsbottom@ct.gov. The Committee holds monthly meetings with food and beverage provided.
NEW GIS COURSE AT THREE RIVERS COLLEGE

Three Rivers College is offering a new course in the spring semester, Introduction to Geographic Information Systems (CSA 146). In this class students will learn the basic principles of Geographic Information Systems and explore and evaluate the various data models and structures used in the input management, analysis and output of geographic data. We will develop hands-on experience through use of a microcomputer based vector system (ArcView GIS), and examine how the nature and character of spatial data can be used in studies of natural and socio-economic environments. No prior knowledge of GIS is needed and there are no prerequisites for the class. Class: 4 hours per week broken down to 2 hours lecture and 2 hours in the lab. For more information, contact Alisa Morrison at amorrison@trcc.commnet.edu or check out the entire Civil Engineering course catalogue at www.trcc.commnet.edu.

Success Begins With Who You Know!
SAVE THE DATE
February 28, 2008 @ 5:30 PM
Four Points Sheraton, Meriden, CT

THE 12TH ANNUAL DESIGN AND CONSTRUCTION INDUSTRY JOINT DINNER MEETING
Major Underwriter: Thelen Reid Brown Raysman & Steiner
Reception Sponsor: International Masonry Institute
Wine With Dinner Sponsor: Schwartz & Hofflich

The 12th Annual Design and Construction Industry Joint Dinner will be held on Thursday, February 28, 2008 at the Four Points Sheraton in Meriden, CT. This is a wonderful business opportunity for the members of each of the professional organizations participating. Joan McDonald, Commissioner of the State Department of Economic and Community Development will present the Keynote Address. Please join us for an evening of networking, collegiality and relationship building. Registration forms will be mailed shortly.
CSCE Seminar Registration Form

IBC SEISMIC BUILDING DESIGN SEMINAR

Description: Discussion of seismic design by the 2003 IBC Portion of Connecticut State Building Code and the 2006 IBC. Sections 1616, 1617 and 1620 will be emphasized.

Instructor: Mohammed M. Ettouney, Ph.D., P.E., MBA, F.AEI. Dr. Ettouney is an experienced teacher/lecturer in this field and a Principal in the firm of Weidlinger Associates Inc., New York, NY

When: Tuesday, January 29, 2008, 1:00 PM to 5:00 PM

Location: The Metropolitan District Commission (MDC) Training Center
125 Maxim Road Hartford, CT
Brainard/Airport Road exit off I-91

PDH Credits: 4. NYS approval being sought. Dr. Ettouney and material being presented have a history of NYS approval.

Cost: CSCE Member $60.00 Non-Member $70.00

More Information: Watch the CSCE Web Site. Attend the January CSCE meeting. Call or email questions to Leslie Smith at lsce2502@aol.com or phone 860-635-6584.

Registration: Limited to 50 persons – first come, first served. Complete form below (one form for each registrant) and mail with check payable to CSCE before January 18, 2008, to address below.

CSCE
c/o Ms. Amy Petrone
11 Riverview Avenue
Deep River, CT, 06417

NAME: ____________________________ PHONE: _____________________
ADDRESS:_________________________ EMAIL: _____________________
__________________________________ FAX: ________________
__________________________________

ASCE Member No.___________________
The Environmental and Engineering Geophysical Society (EEGS) has scheduled their 2008 conference in Philadelphia. The 21st Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP) will be held at the downtown Marriott April 6-10.

This is the premier near-surface geophysical gathering in North America. This is the first time it has been held in the northeast. The field demonstration (including most major geophysical equipment companies) will be held at a nearby park providing a hands-on opportunity for all attending. Special sessions include:

- Innovative 3-D Seismic Survey Applications to the Near-Surface
- Geophysical Applications for Landslide Hazards
- Abandoned Mines
- Future of Geophysical Technology
- Unique Developments in Electrical Resistivity
- Marine and Beach Geophysics
- Special Challenges in Surface Wave Processing

For more information, please visit [http://www.eegs.org/sageep/index.html](http://www.eegs.org/sageep/index.html)

**UNIVERSITY OF CONNECTICUT MASTER OF ENGINEERING PROGRAM**

The University of Connecticut Department of Civil & Environmental Engineering will be offering the following two courses in the Spring 2008 semester as part of the Master of Engineering Program. Both courses will be offered at Fuss & O'Neill's Manchester office.

- CE320-10: Design of Transportation Structures for Extreme Events, LRFD. Instructor: Michael P. Culmo, P.E., Vice President of Transportation and Structures, CME Associates. Time: Mondays, 5:00 - 8:00
- CE320-11: Advances in Underground Pipeline Design, Construction and Management. Instructor: Jey K. Jeyapalan, P.E., Ph.D., Dr. Jeyapalan & Associates, New Milford, CT. Time: Tuesdays, 5:00 - 8:00

Additional course and registration information are available at: [www.engr.uconn.edu/meng/mengonsp2008.htm](http://www.engr.uconn.edu/meng/mengonsp2008.htm).

**CONTINUING EDUCATION & CSCE SPONSORED SEMINARS**

The Continuing Education Committee looks forward to hosting technical and management seminars on topics of interest to our members. We rely on feedback from fellow members and technical committee chairs as to which topics are “hot”. Please forward any seminar topics you would like to see to Ron Nault c/o Luchs Consulting Engineers, LLC - phone (203) 288-5188 ext. 207; fax (203) 288-2583 or nault@luchs.com.
EMPLOYMENT OPPORTUNITIES

BETA Group – BETA Group, Inc. established in 1982 has grown to become a regional leader in the fields of transportation, environmental engineering, structural engineering and environmental sciences. BETA with offices in Lincoln, Rhode Island, Norwood, Massachusetts and Rocky Hill, Connecticut employs over 100 engineers, scientists, planners, technicians, construction managers and support personnel. BETA provides services to Federal, State, Municipal and private clients in the New England area.

BETA is seeking ambitious, highly motivated Entry Level and Project Civil Engineers to work in a team orientated atmosphere on transportation / environmental projects. Candidates will be responsible for roadway, site, drainage, sewer and utility design. Proficiency in AutoCAD and/or Microstation is preferred. Entry level position requires BSCE degree and EIT, Project Engineer position requires 4-8 years experience and CT PE.

BETA Group is an AA/Equal Opportunity Employer. We offer an exceptional compensation package with excellent medical, dental, Life Insurance, 401(k) and ESOP options. Please send resume to Robert Kelly, Vice President (RKelly@Beta-Inc.com) or mail to BETA, Group, Inc 750 Old Main Street, Rocky Hill, CT 06067.

Town of Bethel – Civil Engineer. Perform professional engineering work and/or administration in the design, investigation and construction of street, utility, storm water, drinking water and other public works projects. Acts as project manager on assigned projects. Bachelor's degree from accredited college with major course work in civil engineering or related field OR combination of education, training and experience desired. EIT desired. 35-hour work week; competitive benefits offered. CJH Municipal Center, 1 School Street, Bethel, CT 06801, Telephone: (203) 794-8501. Applications accepted until position is filled. EOE/M/F/V/D

BVH Integrated Services – Structural Engineers - BVH Integrated Services (www.bvhis.com) is currently seeking civil and structural engineers with 3 to 5 years experience, as well as CADD operators for our Bloomfield, CT office.

BVH is a progressive 100-person firm that respects our employees and treats them as professionals. What we expect from everyone on our team is hard work, a willingness to adapt, and a can-do attitude. What we offer in return is a great working environment, the chance to learn and grow, and a highly competitive salary package. We also offer a comprehensive benefits package including 401k with match and generous company contributions to dental and health plans.

BVH is presently working on some of the most interesting and challenging projects in the region. From university science centers to nanotechnology laboratories, convention centers to LEED-certified buildings, BVH produces hundreds of projects annually for clients in the academic, research, healthcare, and corporate sectors.

Let us show you what a great place BVH can be for you. To apply, submit your cover letter and resume to: BVH Integrated Services, 50 Griffin Road South, Bloomfield, CT 06002; F: 860-242-0236; marial@bvhis.com. EOE
EMPLOYMENT OPPORTUNITIES (continued)

**CME Associates, Inc.** – *Highway and/or Traffic Engineer* - CME is a full-service architectural, engineering and environmental consulting firm with three offices in Connecticut. The firm is seeking a full-time Highway Traffic Engineer in its East Hartford location. The ideal candidate has a B.S. in Civil Engineering with a concentration in traffic and/or highway engineering preferred, with 3-6 years experience. Knowledge of CADD is required while experience in Microstation and In-Roads considered a plus. Check for more details on the website [www.cmeengineering.com](http://www.cmeengineering.com). Interested candidates should send a cover letter and resume to: Human Resources, CME Associates, Inc., 32 Crabtree Lane, Woodstock, CT 06281. CME is an Equal Opportunity Employer.

**Connecticut Department of Transportation** - *Engineer Intern* (full-time permanent position) - A Bachelor's degree is required in either civil engineering or industrial technology; Starting Salary is $46,358; Submit a cover letter, resume and application (Form PLD-1) to dot.recruiting@po.state.ct.us; Application forms are available at: [www.ct.gov/dot/recruitment](http://www.ct.gov/dot/recruitment).

*Transportation Engineer 1* – Experience required: Five years’ experience in civil engineering (College training may be substituted to maximum of four years for a Bachelor's degree); Starting Salary $50,846; Please see [www.ct.gov/dot/recruitment](http://www.ct.gov/dot/recruitment) for additional information and application instructions.

*Transportation Engineer 2* – Experience required: Six years' experience in civil engineering. One year of the general experience must have been in a professional civil engineering (non-training) capacity; Please see [www.ct.gov/dot/recruitment](http://www.ct.gov/dot/recruitment) for additional information and application instructions.

**DiBlasi Associates, P.C.** - *Senior Structural Engineer* - DiBlasi Associates, P.C., one of Connecticut’s leading structural engineering firms, has immediate opening for structural engineer with project management experience. Firm specializes in the design and investigation of complex building structures. Project types include educational facilities, office buildings, power plants, parking structures, institutional facilities and residential facilities. Applicant should have minimum seven years experience in building design using steel, concrete, and timber structural systems. Applicant should be capable of managing multiple projects and overseeing the production of construction documents. Experience with RAM Structural System and AutoCAD a plus. Connecticut PE license is required. Good communications skills and ability to work with a variety of clients is a must. Competitive salary and benefits including Medical, Dental, SEPP. Firm maintains a strong commitment to continuing education and is active in many professional organizations. We are an equal opportunity employer. Resumes can be mailed to 500 Purdy Hill Road, Monroe, CT 06468; faxed to (203) 268-8103; or emailed to personnel@DiBlasi-Engrs.com.

**GeoDesign Inc.**, a geotechnical, construction and environmental engineering firm, has several opportunities for *geotechnical engineers*, entry level and above. Masters degree and E.I.T or P.E. preferred. Competitive salary and benefits packages. Contact Ted von Rosenvinge, P.E. (203) 758 8836 ext. 104, by Fax: (203) 758 8842 or by E-mail: ted.von@geodesign.net. GeoDesign is an Equal Opportunity Employer.
EMPLOYMENT OPPORTUNITIES (continued)

**Structural Consulting Services, P.C.** – **Structural Engineer:** Structural Consulting Services, P.C. is a fast growing structural engineering firm located in Brookfield, CT. We specialize in new building construction & renovations and in shoring, sheeting & underpinning designs for the construction industry throughout the metro New York City area and New England. We have an immediate need for an experienced structural engineer with a minimum of 5 years U.S. design experience in building design and/or construction support designs. BSCE or MSCE required, PE preferred and proficiency with AutoCAD a plus. Candidate must have good communications skills, be highly motivated and a practical designer with the ability to handle multiple projects. We offer a competitive salary and benefits package including medical, dental, 401(k), paid holidays, vacation & personal/sick time, and paid professional license registrations & renewals. Please submit a cover letter & resume via mail, fax or email to: 67 Federal Road, Brookfield, CT 06804; (203) 740-7578 Phone; (203) 775-5670 Fax; info@scs-pc.com Email.

**Diversified Technology Consultants.** One of CT's leading engineering consulting firms, is seeking Civil Engineers for our expanding No. Haven, New London & Stamford offices:

**Civil PE:** 7-15 yrs exp Proj. Mgr to work w/public & private clients incl. education, municipal, commercial and recreational throughout central and southern New England. Exp. w/regulatory permitting, construction administration, PE, CAD proficiency & good communication skills required.

**Project Civil:** 0 -5 years diverse experience in planning, design and construction in the public and private sectors. Permitting, w/municipal & state exp pref'd, CAD req'd. Excellent benefit package that includes medical and dental, competitive salary, 401k & comfortable work environment. Please fax, email resume & salary requirements in confidence to: 203-234-7376 or hr@teamdtc.com, www.teamdtc.com

**Malcolm Pirnie, Inc.** – A Nationwide Engineering Consulting Firm, has several opportunities for **Environmental Engineers**, entry level. Types of work include water and wastewater design and planning, in addition to openings for construction resident engineers. Bachelors degree and E.I.T preferred. Very competitive salary and benefits packages. Contact Tom Loto P.E. (860) 635-3400, by Fax: (860) 632-0036 or by E-mail: tloto@pirnie.com. Malcolm Pirnie is an EOE.

**McNary Bergeron & Associates** specializes in design and construction engineering for all phases of complex bridge projects. We are growing and looking for structural engineers in our Connecticut and Colorado offices. Are you one of us? Please visit our website at www.mcrarybergeron.com. We accept resumes in confidence at bridges@mcnarybergeron.com.

**CJOJ, LLC - Civil Engineer, New Milford, CT.** CJOJ, LLC is a well-established Land Surveying and Engineering company that has been in business for over 70 years. Typical projects include site planning, subdivision design and commercial development. Requirements: CT Engineer License, strong communication skills, experience in grading, site design and Autocad. This position offers stability and challenge with competitive pay. Please email resume to cjo3@snet.net or contact C.J. at 860-354-5452
EMPLOYMENT OPPORTUNITIES (continued)

University of Hartford – Associate Professor (Structures) – The University of Hartford’s College of Engineering, Technology, and Architecture (CETA) invites applications for an Assistant Professor specializing in teaching structures in the Department of Architecture. This is a full-time, tenure-track position commencing in Spring 2008 or Fall 2008. Duties include teaching structures courses in the undergraduate program as well as teaching architecture studio design courses in the undergraduate and graduate programs within the Department of Architecture. Successful candidates will be expected to actively pursue and engage in research/creative activity as well as serve on department, college, and university committees. Minimum qualifications include experience in teaching structures in an architecture or engineering program at the undergraduate level. Educational qualifications include a Master of Architecture or a terminal degree from an accredited Architecture program or a terminal degree in engineering with an emphasis on structures, experience in studio teaching, and a record of scholarly and/or professional/creative work. Professional registration as an architect or an engineer is desirable. Candidates must present evidence of, or potential for, successful experience in teaching, research, and related professional experience and the ability to work effectively as an individual and a team member. The University of Hartford is an open and welcoming community, which values diversity in all its forms. In addition, the University aspires to have its faculty and staff reflect the rich diversity of its student body and the Hartford region. Candidates committed to working with diverse populations and conversant in multicultural issues are encouraged to apply. For more information about the University, visit www.hartford.edu. Salary is competitive and negotiable with individual candidates on the basis of qualifications and related experience. Please send curriculum vitae, qualification summary and letter of intent to Barbara Schwartz, CETA Dean’s Office, University of Hartford, 200 Bloomfield Avenue, West Hartford, CT 06117. Members of under-represented groups are encouraged to apply. EEO/AA/M/F/D/V

Zieman Engineering, LLC – Structural Engineer/Construction Engineer – Zieman Engineering is a structural engineering firm specializing in designing construction procedures, temporary structures and specialized equipment for contractors involved in major and complex construction projects throughout the northeast. Typical projects include significant bridge erection procedures, heavy lifting, rigging and jacking operations of all kinds, and temporary structures for rehabilitation projects. We seek a BSCE with minimum 5 years experience in either structural design or field engineering for a contractor. Must be a creative and practically oriented problem solver with an interest in structural design as well as construction field operations. Competitive salary and benefits. Flexible hours are possible if needed to ease commuting. For additional information see www.ziemanengineering.com. Please email resume to tz@ziemanengineering.com.

The Chazen Companies has an immediate opening for Project Civil Engineers in our New London, Connecticut office. Project Civil Engineers can join creative multi-disciplinary teams involved in the development of rewarding land development projects. Our engineers have access to state of the art tools to deliver design products that lead industry in technical quality. Civil Engineers involved in hands-on design, technical analysis, or field support get the opportunity they need to put their careers in high gear. Minimum 5 years experience, B.S. in Civil Engineering/Technology, P.E. required. To apply please visit our website at www.chazencompanies.com.
EMPLOYMENT OPPORTUNITIES (continued)

**Earth Tech** – Earth Tech has immediate openings for Civil/Transportation Engineers of all experience levels. Opportunities are available for candidates interested in growing their technical, project management, and leadership careers. Projects represent the full spectrum of study, design, and construction services for clients both large and small. Earth Tech offers a competitive benefits package including, but not limited to, medical, dental, 401K savings plan, Employee Stock Purchase Plan, tuition reimbursement, professional development program and computer purchase plan.

*Transportation Engineer I* – Working under the general supervision of a Senior Engineer, duties will include preparation of plans, specifications and estimates for highway and other transportation projects. Bachelor's Degree in Civil Engineering required.

*Mid-Level Transportation Engineer* – Prepare plan specifications and estimates for highway and other transportation projects. BSCE with at least 5 years experience in the development of highway and transportation designs. Registration as a Professional Engineer preferred. Proficiencies in Microstation or Autocad.

*Senior Transportation Engineer* – Candidate must be a PE with 8-12 years of experience in ConnDOT highway design. Ability to communicate and supervise designers. Project experience beneficial and desired. Microstation and Inroads proficiency required. BS Required, MS preferred. This position offers opportunity for management career path for qualified applicants.

Contact James W. Ford, P.E., james.ford@earthtech, or apply Online: [http://www.earthtechcareers.com](http://www.earthtechcareers.com)

**United International Corporation (UIC)** – Bridge Engineer - United International Corporation (UIC), a multi-disciplined civil engineering firm has an immediate opening for a Bridge Inspection Engineer team member. Applicant must possess a BSCE and be familiar with the requirements for performing bridge safety inspections of in-service highway bridges, railroad bridges and overhead sign support structures in accordance with NBIS requirements. Position requires strong communication and technical writing skills. Knowledge of ConnDOT, MHD and/or RIDOT bridge inspection procedures and/or completion of the NHI 2-week training is desirable. Responsibilities include planning and scheduling of inspections, coordinating special equipment needs, preparation of field inspection notes, and Bridge Inspection Report preparation. UIC is an EOE and offers a generous health and retirement plans. Resumes can be mailed to 821 North Main Street Ext, Wallingford, CT 06492 or faxed to 203.269.4395 or emailed to unitedintl@aol.com.

**Wengell, McDonnell & Costello, Inc.**, located in Newington, CT, is currently seeking individuals for the following positions: Structural Engineers, Hydraulic Engineers, CADD Operators/Civil Engineering Technicians, and Construction Inspectors. For more information, please call us at (860) 667-9624 or visit our website at [www.wmcengineers.com](http://www.wmcengineers.com). EOE M/F
EMPLOYMENT OPPORTUNITIES (continued)

Milone & MacBroom, Inc. is a growing multidisciplinary engineering, landscape architecture and environmental science consulting firm. Our corporate office is located in Cheshire, Connecticut with satellite office locations in Stamford, Maine, North Carolina, South Carolina, and Vermont. The positions below offer qualified, motivated individuals the opportunity to join an established, progressive firm that offers competitive salaries, significant opportunities for advancement, a comprehensive benefits package, and a pleasant and cohesive working environment.

Cheshire, Connecticut Positions:

- **Civil Engineer-BSCE, PE**, Project Management position with 6+ years experience and Water Resource knowledge including stream and river restoration, environmental permitting and analysis, and hydrology and hydraulics modeling. Applicant should have excellent oral and written communications skills and proficiency in AutoCAD. Design experience required.

- **Civil Engineer-BSCE, PE**, Seeking experienced engineer with 4-6 years experience in general civil engineering and land development practices, preferably with emphasis on municipal engineering for central Connecticut shoreline office. Applicant should have excellent oral and written communications skills and proficiency in AutoCAD. Design experience and professional engineering license required.

- **Entry Level Civil Engineer**, BSCE required and 0-4 years experience with emphasis on site engineering, roadway design, drainage and stormwater management design. Applicant should be proficient in AutoCAD. EIT certificate preferred.

- **Resident Construction Engineer**, Civil/Highway Engineer, 10 years experience, 4 years bridge & highway, 2 years field inspection. BSCE, CT PE, Licensed Construction Engineer with supervisory capacity, CT DOT construction practices and procedures knowledge required.

- **Transportation Engineer**, position requires BSCE, EIT and 2-4 years experience in transportation engineering, roadway geometric design, roadway drainage, and familiarity with DOT practices and procedures.

- **Construction Inspector**, BSCE or NICET II certification required. Projects include highway, bridge and general civil and infrastructure engineering.

Stamford, Connecticut Positions:

Milone & MacBroom, Inc. is seeking qualified engineers for our newly opened Stamford office. This is an opportunity for motivated individuals to work on high profile, challenging projects involving redevelopment, urban infrastructure, utilities, coastal engineering and mixed use development.

- **Project Engineer** with 5-8 years of experience and a Connecticut P.E. License required. Experienced in site development, utility engineering, redevelopment projects, and knowledge of regional land use regulatory programs required.

- **Entry Level Civil Engineer**, BSCE, EIT Certification preferred, with 0-4 years of experience. Excellent written and communication skills required and proficiency in AutoCAD necessary.

Milone & MacBroom, Inc. is an Affirmative Action / Equal Opportunity Employer. EOE M/F/V/D Please send resumes to HR@miloneandmacbroom.com or Milone & MacBroom, Inc., Attention: Dana Hunger, 99 Realty Drive, Cheshire, CT 06410
2007-2008 CSCE EXECUTIVE BOARD

President - James L. Silva, P.E.
Silva Engineering, LLC
Windham Mills Technology Center
322 Main St., Bldg. 2, 2nd Fl. East
Willimantic, CT 06266
860-423-4506 Office
860-423-1875 Fax
860-429-4370 Home
President@csce.org

Treasurer - Rabih M. Barakat, P.E.
Connecticut Department of Transportation
2800 Berlin Turnpike
Newington, CT 06131-7546
860-594-3389 Office
860-594-3373 Fax
203-397-2996 Home
Treasurer@csce.org

Director II - Thomas J. Roy, P.E.
The Metropolitan District
555 Main Street
P.O. Box 800
Hartford, CT 06142-0800
860-278-7850 Ext. 3432 Office
860-251-7287 Fax
Director-II@csce.org

President-Elect - Christopher M. Holden, P.E.
162 Apple Tree Lane
Portland, CT 06480
860-343-8091 Fax
860-343-8085, Ext. 155 Office
DeCarlo & Doll Architects/Engineers
860-670-7540 Cell
james.sime@skiltons.org
Rocky Hill, CT 06067

Secretary - Jason F. Waterbury, P.E.
Malcolm Pirnie, Inc.
100 Roscommon Drive, Suite 100
Middletown, CT 06457
860-635-3400 Office
860-632-0026 Fax
Secretary@csce.org

Director I - William J. Cunningham, P.E.
Siefert Associates, LLC
180 Church St., Suite 6
Naugatuck, CT 06770
820-275-6410 Fax
203-723-5830 Office
203-723-9346 Fax
860-582-7893 Home
Director-I@csce.org

Vice President - Ronald J. Nault, P.E.
Luchs Consulting Engineers, LLC
1952 Whitney Avenue
Hamden, CT 06517
203-288-5188, Ext. 207 Office
860-257-7377, Ext. 23 Office
860-368-5307 Fax
gfuerstenberg@GEIconsultants.com
1880 Silas Deane Highway
203-723-5830 Office
GEI Consultants
Charlestown, MA 02129
860-275-6425 Office
860-275-6410 Fax

Newsletter Editor - Gregory K. Holness, P.E., Esq.
Thelen Reid Brown Raysman & Steiner LLP
City Place II, 19th Floor, 185 Asylum Street
Hartford, CT 06103
860-251-7287 Fax
860-368-5307 Fax
SHenness@shenness.com

Director, ASCE District 2, ASCE Region 1
Governor - Paul D. Moyer, P.E.
Carter: Burgess, Architects, Engineers, and Planners
465 Medford Street, Suite 300
Charlestown, MA 02129
857-588-5500 Office
617-225-0216 Fax
617-438-3568 Cell
Paul.Moyer@e-b.com

Programs - Jeff Benoit, P.E.
Connecticut Department of Transportation
40 Taft Pond Road
Pomfret Center, CT 06259
860-974-2572 Home
jeffbenoit@earthlink.net

Legislative Affairs - Roy Merritt, P.E.
HNTB Corporation
1880 Silas Deane Highway
Rocky Hill, CT 06067
860-257-7377, Ext. 23 Office
860-670-7540 Cell
860-257-7394 Fax
rmerritt@hntb.com

Continuing Education - Ronald J. Nault, P.E.
Luchs Consulting Engineers, LLC
DeCarlo & Doll Architects/Engineers
1952 Whitney Avenue
Hamden, CT 06517
203-288-5188 Ext. 207 Office
203-288-2973 Ext. 23 Office
Vice-President@csce.org

Scholarship Fund - Jim Sime, P.E.
Connecticut Department of Transportation
280 West Street
Rocky Hill, CT 06067
860-258-0309 Office
860-258-0399 Fax
860-569-4186 Home
james.sime@skiltons.org

Membership - Shahvir Vimadalal, P.E.
TransDesign Inc.
P. O. Box 701
984 Southford Road
Newington, CT 06158-0701
860-633-6858 Office/Fax (call before sending fax)
Shahvir@TransDesignInc.com

Water Resources - Thomas A. Loto, P.E., BCEE
Malcolm Pirnie, Inc.
100 Roscommon Drive, Suite 100
Middletown, CT 06457
860-613-7407 Office
860-860-632-0036 Fax
830-1418 Cell
L.P. Consultants
LPConsultants@net.net

Government Engineers - Rabih M. Barakat, P.E.
Connecticut Department of Transportation
2800 Berlin Turnpike
Newington, CT 06131-7546
860-594-3389 Office
860-594-3373 Fax
203-397-2996 Home
Treasurer@csce.org

Younger Members - Sara Ramsbottom, P.E.
Connecticut Department of Public Health
410 Capitol Avenue, MS# 51 WAT
P. O. Box 340308
Hartford, CT 06134-0308
860-509-7333 Office
sara.ramsbottom@ct.gov

CONSTRUCTION GROUP CHAIRS
President - William J. Cunningham, P.E.
Siefert Associates, LLC
180 Church St., Suite 6
Naugatuck, CT 06770
203-723-5830 Office
1952 Whitney Avenue
Hamden, CT 06517
203-288-5188 Ext. 207 Office
860-257-7393 Fax
Vice-President@csce.org

Geotechnical - Gary J. Fuerstenberg, P.E.
GEI Consultants
455 Winding Brook Drive
Glastonbury, CT 06033
860-368-5300 Office
860-368-5307 Fax
gfuerstenberg@GEIconsultants.com

Structures - Carmine Corbo
Bentley Systems Inc.
27 Siemon Company Drive, Suite 200
Watertown, CT 06795
800-727-6555, Ext. 557 Toll Free
203-805-0557 Office
203-755-7961 Fax
Carmine.Corbo@Bentley.com

COMMITTEE CHAIRS

Career Guidance - Kiran Majmudar, P.E.
L.P. Consultants
252 Hazard Avenue
Enfield, CT 06082-4613
860-749-0733 Office/Fax
LPConsultants@net.net

Web Site - Peter M. Heynen, P.E.
Heynen Engineers
380 Maple Avenue
Cheshire, CT 06410
203-439-0063 Office
203-439-7036 Fax
203-645-3287 Cell
HeynenEngineers.com

History & Heritage - Randall T. States, P.E.
Carter: Burgess, Architects, Engineers, and Planners
465 Medford Street, Suite 300
Charlestown, MA 02129
857-588-5500 Office
617-225-0216 Fax
617-438-3568 Cell
Paul.Moyer@e-b.com

Government Engineers - Rabih M. Barakat, P.E.
Connecticut Department of Transportation
2800 Berlin Turnpike
Newington, CT 06131-7546
860-594-3389 Office
860-594-3373 Fax
203-397-2996 Home
Treasurer@csce.org

Younger Members - Sara Ramsbottom, P.E.
Connecticut Department of Public Health
410 Capitol Avenue, MS# 51 WAT
P. O. Box 340308
Hartford, CT 06134-0308
860-509-7333 Office
sara.ramsbottom@ct.gov
2007-2008 CSCE NEWSLETTER ADVERTISING RATES

<table>
<thead>
<tr>
<th>Options</th>
<th>Prices</th>
</tr>
</thead>
</table>
| A. Business Card (reduced to approx. 1 ½” X 2 5/8”) | $400 min 6 issues
| | $90 per issue |
| B. One-Quarter Page | $750 min 6 issues
| | $175 per issue |
| C. One half 8-1/2 x 11 in. Advertisement | $325 per issue |
| D. One full 8-1/2 x 11 in. Advertisement | $550 per issue |
| E. Employment Classified Ad: In-State Position | $15 / line / issue |
| F. Employment Classified Ad: Out-of-State Position | $20 / line / issue |

Employment Classified Ads of five (5) lines or less (subject to editing) for in-state positions are published free of charge as a professional courtesy to our membership. We anticipate publishing at least eight issues per year. There are approximately 1500 subscribers to the CSCE Newsletter.