Welcome back! I can’t believe how fast the summer has gone. I hope everyone got out and enjoyed themselves this summer. It was also a good dry summer for construction projects. We had several bridge projects in construction this summer including some exciting Accelerated Bridge Construction (ABC) projects. It is always nice to see the end product of all the hard work put into design and plan development, especially when it is constructed and re-opened within 3 weeks!

A reminder that we will be voting for Board of Director positions at the September meeting. The nominees are incumbent Board members Adam Stockin and Bob Champagne. I will take a portion of the business meeting to conduct the voting. Thanks to Adam and Bob for volunteering to be nominated for another term.

SENH is looking to form a Young Members Group (YMG) similar to other professional memberships. Chris Fournier is leading YMG effort, please see his write-up in this newsletter and contact him for additional information, suggestions, comments, etc. They have had an initial meeting/outing and it was very successful. I hope more younger members take advantage of this opportunity.

Some good news, the gas tax made it past legislation in June and will provide much needed funding to many infrastructure projects. Although the gas tax is significantly less than previously anticipated, the important thing is it passed. We have some municipal clients in the NHDOT Municipal Bridge Program that have been moved up 4 to 5 years from their initial construction reimbursement year based on the passing of the gas tax.

If you have any questions or comments please feel free to contact me at (603) 225-2978 or President@senh.org.

President’s Letter

Inside this issue:

| President’s Letter                              | 1 |
| September Meeting Announcement                  | 3 |
| May Meeting Minutes & Attendance List           | 4 |

Special Points of Interest/Reminders:
- The next meeting is a joint meeting with ASCE—see inside for details.
NH QBS Coalition

The Board is seeking an individual to serve as the SENH Representative on the NH QBS Coalition. The Coalition has recently begun a strategic relationship with ACEC-NH which has rejuvenated their effort. The purpose of the Coalition is to promote Qualification-Based Selection (QBS) for construction related professional services. The NH QBS Coalition is sponsored by: AIANH, NHSPE, ACEC-NH, SENH, NHLSA, and GSLA.

Interested volunteers should submit an email to Chris Fournier (cfournier@hebengineers.com) to demonstrate their interest. The Board intends to select an appointee at the next meeting in September. Please respond within the next week, so the Board can follow-up with those interested.

SENH Younger Members Group

Our kick-off event was a success. Eight motivated young engineers attended the free event. In concert with the Seadogs-Fisher Cats game going on in the background, we all engaged in great conversation and enjoyed refreshing beverages. The Fisher Cats did pull off the win 7-4 and we were treated to a nice fireworks display after the game.

The consensus of the attendees was that the formation of a YMG was indeed viable. The current thought is to provide seasonal (quarterly) free/low cost events to young structural engineers. The YMG committee is seeking dedicated seasoned engineers to provide mentoring opportunities to the younger engineers at these events. Additionally, the YMG is seeking more young engineers. The more the merrier.

If you are interested in any aspect of the YMG please email Chris Fournier (cfournier@hebengineers.com) and let me know how you’d like to be involved.

SENH Code Advisory Committee

The SENH Code Advisory Committee is looking for volunteers to help review the 2015 IBC, IEBC, and IRC, which New Hampshire plans to adopt within the next couple of years. The committee will submit proposals for local modifications to the national model codes that address regional practice or construction issues, or that provide clarification when it is felt that the intent of the code is unclear.

The committee will meet approximately once per month, alternating between teleconferences and face to face meetings. We will also look to coordinate presentations to help advocate for structural code provisions that are often overlooked, or unenforced. Committee members must purchase their own copy of the 2015 ICC codes, which were recently published.

Interested parties are encouraged to email Peter Griem at peter@summitengineeringinc.com to join the committee.
NEXT MEETING: Wednesday, September 10, 2014

PRESENTATIONS: **Introduction to Geothermal Systems** by, *David Lamothe, P.E., AI, M. ASCE.* Owners, architects, planners, and their design teams are increasingly considering geothermal cooling and heating as a core component of project energy efficiency, especially when green, LEED, Zero Net Energy or other programmatic goals are being implemented. This presentation will discuss the benefits of geothermal, how the technology works, geothermal technologies for ground loops, permitting and design considerations, and the current “State of the Practice” of the industry.

SPEAKER: David Lamothe is a Senior Project Manager for GZA GeoEnvironmental, Inc. in Manchester, New Hampshire and has worked on numerous geothermal, geotechnical and geoenvironmental projects throughout northern New England over the past 19 years.

PLACE: The Puritan Event and Conference Center 245 Hooksett Rd. Manchester, NH 03104 (603) 666-9893

DIRECTIONS: Take I-93 to Exit 9S, approximately 1 mile South on Hooksett Rd. (Daniel Webster Highway.)

AGENDA: 5:30 pm-6:30 pm Registration/Social Hour 6:30 pm-7:30 pm Dinner 7:30 pm-7:45 pm Business Meeting 7:45 pm-9:00 pm Presentation

DINNER: Buffet with choice of Broiled Haddock, Famous Chicken Tenders, and Wild Mushroom Ravioli.

COST: SENH/ASCE Member: $50.00 Non-Member: $55.00 - ‘no-shows’ will be billed at full amount.

RSVP: by Friday, September 5, 2014. There will be a $5.00 late fee for anyone wishing to RSVP past this date.

Please signup/pay online at: [www.ascenh.org/](http://www.ascenh.org/) or [http://events.constantcontact.com/register/event?llr=nfvkd8kab&oeidk=a07e0lplu4z96c28a04](http://events.constantcontact.com/register/event?llr=nfvkd8kab&oeidk=a07e0lplu4z96c28a04) or send check payable to “ASCE-NH” to:

**GZA GeoEnvironmental, Inc.**
Jay Hodkinson
5 Commerce Park North, Suite 201
Bedford, NH 03110
[jay.hodkinson@gza.com](mailto:jay.hodkinson@gza.com)

NOTE: 2.0 PDHs have been assigned for attendance to this program. Attendees are responsible for ensuring their check-in on the attendance list upon arrival at the meeting.
### Business Portion of the Meeting

1. SENH President Josh Lund opened the annual membership meeting.
2. SENH Treasurer Bob Champagne gave a brief budget update stating that the finances are in good standing despite a loss of membership renewals.
3. Membership brought it to the attention of the Board that it had not properly followed the nomination procedure for the two expiring Board positions. Josh Lund confirmed the oversight and indicated that the Board would develop an alternate procedure for the filling of the Board positions in-line with the SENH By-Laws.
4. The meeting was then turned to PDC Chair Josif Bicja to introduce the presentation.

### Presentation

**NH Supreme Court’s June 2013 decision in Kimball Union Academy v. Genovesi**, Jonathan Eck – Devine, Millimet & Branch Attorneys at Law, Manchester, NH

Attorney Eck spoke of the NH Supreme Court’s June 2013 decision in Kimball Union Academy v. Genovesi, which concerned whether personal jurisdiction existed in New Hampshire courts over a New Jersey professional engineer who prepared, from his office in New Jersey, preliminary designs for the footings and foundation for a field house that was going to be constructed here in New Hampshire. The argument presented on behalf of Mr. Genovesi was that his drawings and design were preliminary in nature, and could not actually be submitted or implemented until reviewed, approved, and signed off on by a New Hampshire-licensed professional engineer. In spite of that, and other facts, the state Supreme Court held that there was enough for New Hampshire courts to have personal jurisdiction over Mr. Genovesi, largely because he knew that his plans were for a building that would be constructed in New Hampshire. The significance of the case is that it serves as a cautionary tale to professional engineers who do work for projects in other states, and serves as warning that those individuals could be submitting themselves to the jurisdiction of courts in those other states, even if their work is preliminary and conceptual, and is intended to be reviewed, approved, and stamped by a local professional engineer.

Attorney Eck graciously answered a multitude of questions from the SENH membership, which also spurred a thorough discussion among the membership about the circumstances of the case and construction.

2.0 PDH’s were earned by attendees for the technical presentation.

Respectfully submitted by Christopher R. Fournier, PE – SENH Director-at-Large

---

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Name</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alex Azodi, P.E., SECB</td>
<td>Omega Structural Engineers</td>
<td>Roger Keilig, PE, PG, CPESC</td>
<td>HTE Northeast, Inc.</td>
</tr>
<tr>
<td>Daniel Bard</td>
<td>Summit Engineering, PLLC</td>
<td>Babar M. Khan</td>
<td>Concord Engineering Group, P.A.</td>
</tr>
<tr>
<td>Josif Bicja, P.E.</td>
<td>Hoyle, Tanner &amp; Assoc., Inc.</td>
<td>Aaron M. Lachance, P.E.</td>
<td>Hoyle, Tanner &amp; Assoc., Inc.</td>
</tr>
<tr>
<td>Sean F. Brown</td>
<td>Parsons Brinkerhoff</td>
<td>Matthew J. Low, P.E.</td>
<td>Hoyle, Tanner &amp; Assoc., Inc.</td>
</tr>
<tr>
<td>Robert S. Busby, P.E.</td>
<td>Kalwall Corporation</td>
<td>Ewen I. MacKinnon</td>
<td>University of New Hampshire</td>
</tr>
<tr>
<td>Robert Champagne, P.E., LEED</td>
<td>Summit Engineering, PLLC</td>
<td>Frank P. Marowitz, P.E.</td>
<td>Haley &amp; Aldrich, Inc.</td>
</tr>
<tr>
<td>Scott M. Coulombe</td>
<td>Methuen Construction</td>
<td>Tyler McNally</td>
<td>Summit Engineering, PLLC</td>
</tr>
<tr>
<td>Tony Coviello, P.E., S.E.</td>
<td>Summit Engineering, PLLC</td>
<td>Eric Ohanian, E.I.T.</td>
<td>Dubois &amp; King, Inc.</td>
</tr>
<tr>
<td>Jonathan M. Eck</td>
<td>Devine, Millimet &amp; Branch, PA</td>
<td>Joe Ripley, E.I.T.</td>
<td>Hoyle, Tanner &amp; Assoc., Inc.</td>
</tr>
<tr>
<td>Fred Emanuel, P.E.</td>
<td>Emanuel Engineering, Inc.</td>
<td>Jillian Semprini, P.E.</td>
<td>Hoyle, Tanner &amp; Assoc., Inc.</td>
</tr>
<tr>
<td>Christopher R. Fournier, P.E.</td>
<td>HER Engineers, Inc.</td>
<td>Adam M. Stockin, P.E.</td>
<td>Parsons Brinkerhoff</td>
</tr>
<tr>
<td>Rebekah Gaudreau, P.E.</td>
<td>Parsons Brinkerhoff</td>
<td>Priscilla Tenglin</td>
<td>University of New Hampshire</td>
</tr>
<tr>
<td>Scott Hartford, P.E.</td>
<td>Kalwall Corporation</td>
<td>Jeffrey S. Tredter, P.E.</td>
<td>Tredter Engineering</td>
</tr>
<tr>
<td>Sean James, P.E.</td>
<td>Hoyle, Tanner &amp; Assoc., Inc.</td>
<td>Ross Wood, P.E.</td>
<td>CHA Companies</td>
</tr>
<tr>
<td>Jeffery R. Karam, P.E., LEED</td>
<td>Evergreen Structural Engineering, PLLC</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Our Sponsors

Employment Opportunities

Hoyle, Tanner & Associates, Inc. is an employee owned, mid-size national consulting engineering firm with offices in the Northeast, Florida and Virgin Islands. We are currently seeking the following professional:

**SENIOR BRIDGE ENGINEER**

Self-motivated team player with six (6) to fifteen (15) years of experience in bridge and structural engineering to join our growing team in either our Portsmouth or Manchester, New Hampshire offices. Responsibilities include design and preparation of State Agency and municipal bridge projects including construction observation and administration as well as client interaction and business development. Experience or training in steel, reinforced concrete, timber and prestressed concrete design required. Bridge inspection experience and NBIS Certification a plus. Experience or training using STAAD, Merlin-Dash, RCPIer, Geomath or comparable software a plus. Individual should possess a BSCE degree at a minimum (Masters preferred) and P.E. license or ability to obtain required.

If you are interested in becoming an integral member of the Hoyle, Tanner team please forward your resume and cover letter, citing career code MJL10714, to: HOYLE, TANNER & ASSOCIATES, INC., 150 Dow Street, Manchester, NH 03101 or via e-mail to jhann@hoyletanner.com or by fax to 603-669-4168.

Hoyle, Tanner & Associates, Inc.

AN EQUAL OPPORTUNITY EMPLOYER

www.hoyletanner.com
The National Council of Structural Engineers Associations (NCSEA) serves to advance the practice of structural engineering, and, as the national voice for practicing structural engineers, protect the public’s right to safe, sustainable and cost effective buildings, bridges, and other structures.

The association offers continuing education opportunities through the publication of its widely-read magazine for the practicing structural engineer, its technical publications, and its monthly e-newsletter covering Member Organization (MO) events and offerings. Other continuing education opportunities include webinars, NCSEA publication seminars, and in-person educational programming at the Annual Conference and the Winter Leadership Forum. NCSEA promotes structural engineering certification and structural engineering licensure, generates and responds to code and standard changes, and promotes the practice of structural engineering to students and the general public. NCSEA members have opportunities to work on committees, participate in networking activities, and further improve their structural engineering practices.

Members of a state NCSEA MO are automatically members of NCSEA, a national group comprised of structural engineers in state structural engineering associations throughout the United States.

For members of state NCSEA MO’s, the following NCSEA benefits are available:

- **NEW!** The opportunity to purchase a yearly subscription for NCSEA educational webinars. Only open to NCSEA members, $750 buys you unlimited, live, Diamond-reviewed NCSEA webinars over the course of one year.
- STRUCTURE magazine, the leading monthly magazine for structural engineering, in both print and electronic versions.
- Structural Connection, NCSEA’s monthly member newsletter with information on NCSEA and MO activities and events.
- Access to the development and revision process for codes and standards.
- Membership discounts for the following NCSEA events and educational opportunities:
  - NCSEA webinars
  - NCSEA books & publications
  - Select ICC publications
- Access to the NCSEA LinkedIn online group.
- Opportunities to participate in NCSEA committees.
- The opportunity to network and learn from NCSEA members across the U.S.

*And, coming soon:*
  Access to member-only content at the redesigned ncsea.com!
Member of

Board of Directors

President  Josh Lund, P.E., SECB
Vice President  Adam Stockin, P.E.
Secretary  Thomas French, P.E.
Treasurer  Robert Champagne, P.E., LEED
Director at Large  Christopher Fournier, P.E.