

# *The Green Mountain Civil Report*

February 12, 2002

Newsletter of the Vermont Section of the American Society of Civil Engineers  
Website <http://sections.asce.org/vermont>

## February Meeting Engineers' Week Banquet Friday, February 22, 2002

Speaker: David Bowles,

President of Bowles Corporation

Time: Reception 5:30

Dinner & Awards 6:30

Meal: Banquet

Location: Marsh Dining Hall, University of Vermont,  
Burlington, Vermont

Price: \$25 (\$15 for students).

Please RSVP to Jill Marsano via email or phone:  
[jmarsano@forcieraldrich.com](mailto:jmarsano@forcieraldrich.com) or 879-7733 by  
Wednesday, February 20.

Topic Synopsis: From their facility in North Ferrisburg, Bowles Corporation designs and manufactures short run electronic and mechanical-based equipment for customers throughout North America, Europe, South America, and East Asia. In 2001, Bowles Corp was named the Vermont Small Business Innovator of the Year. Mr. Bowles' presentation will review some innovations that are a result of their unique design and manufacturing process, as well as the challenge of marketing on an international level from here in Vermont.

## 2002 Meeting Schedule

Feb. 22 Engineers' Week Banquet  
Mar. 27 UVM Mtg—Covered Bridges  
Apr. 17 Field Trip TBA  
May 15 Dog Team Tavern Mtg

## E-Week 2002 Events

<u>Event</u>	<u>Date</u>
UVM Competitions	02/14/02
Engineers Under the Dome	02/21/02
Order of the Engineer Ceremony	02/22/02
Engineers Week Banquet	02/22/02

National Engineers Week will be celebrated from February 17<sup>th</sup> to the 23<sup>rd</sup>. We will start the week with Engineers Day at the State House, which is a great opportunity to learn about engineers throughout the state. During the week there will be events, presentations, displays and competitions from many engineers all over Vermont.

## Engineers Day at the State House

All Vermont Engineers are invited to gather in the Card Room at the Statehouse on February 21, 2002 from 8am-1pm. Representatives from the state engineering societies will be available to provide informational handouts about current Vermont issues such as Water Quality Standards, Act 250 and sprawl. We invite all to

attend and meet the local professionals dedicated to protecting the health, safety and welfare of the general public.

## Student Activities

Several colleges in Vermont have planned E-Week festivities of their own. These festivities include competitions, speakers, and special presentations.

**The University of Vermont** will be hosting their annual Edible Car, Egg Drop, Rube Goldberg, Rocket and Pasta Bridge competitions, as well as having interesting speakers and presentations. Fun will be had by all that attend. Edible Car, Egg Drop, Rube Goldberg, Rocket and the Pasta Bridge competitions will held Thursday, February 14<sup>th</sup>. For more information, contact the **Dept. of Engineering and Mathematics at 656-3390**.

**Norwich University** will be conducting their annual E-week activities including a Cardboard Toboggan Race, Giant Genga, Engineer Scavenger Hunt, and Engineer Athletics. For more information contact **Carol Stephens at [cstephens@norwich.edu](mailto:cstephens@norwich.edu) or 485-2278**.

The University of Vermont  
**Order of the Engineer**

Link No. 89

## Additional E-Week Information

If you have any questions regarding E-Week please contact Joe Duncan, PE at Forcier Aldrich & Associates, 879-7733.

Be sure to check out National Engineers Week website at [www.eweek.org](http://www.eweek.org) for information on programs, products and events.

## VASCE's Engineer of the Year & Young Engineer of the Year

The Vermont ASCE Board is proud to announce this year's winner of the Engineer of the Year and Young Engineer of the Year Awards. The Engineer of the year is Joseph Oppenlander, P.E. The Young Engineer of the year is Adam T. Rice, P.E.

## ASCE's Younger Members

Younger members are members and associate members of ASCE who are 35 years old or less. Many sections and branches of ASCE throughout the country have Younger Member Sections that plan events that appeal to younger members.

Paul Hobbs recently attended the Zone Leadership Conference as our Section's Younger Member Representative. There the Younger Members held a forum to discuss what types of events were held during the past year. Paul got some great ideas and we are thinking about doing an event.

Additionally, other Younger Member Sections in the North East are interested in coming to Vermont for a ski weekend. If you are interested in becoming involved with planning or participating in a younger member event, please contact Paul at [PaulH@engineeringventures.com](mailto:PaulH@engineeringventures.com).

January 23, 2002

Dear Engineer:

Are you proud to be an engineer? Haven't you at times wished there were a way to tell the world who you are without being ostentatious. Other professions have their stethoscopes, lapel pins, or three-piece suits!

The **steel ring, worn on the little finger of the working hand**, distinguishes us as the problem solvers, designers and builders of the world. Join the elite group of individuals who are proud to be measured by the high standards expected of the engineering profession.

*The Order of the Engineer* has as its stated purpose "to foster a spirit of pride and responsibility in the profession, to bridge the gap between training and practice and to present the public with a visible symbol identifying the engineer." The engineer's role in the development and implementation of technology is pivotal. The incredible advancement of civilization, especially since the Industrial Revolution has been, in large part, due to the crucial role played by engineers. Our application of the sciences continues to directly affect the quality of life. No other profession exerts such a profound, long-term impact on mankind.

We invite you to formalize this personal commitment by **joining the Order of the Engineer** and taking the obligation and wearing the ring, symbolic of your adherence to these ideals. You will be joining over 40,000 engineers in 100 links (or chapters) from 50 states and Canada who are united by *The Order of the Engineer*. Any engineer is eligible to participate if he or she has graduated from an ABET-accredited engineering program or holds a license as a Professional Engineer. Students enrolled in ABET-accredited engineering degree programs are eligible if they are

within four months of graduation. *You MUST be present in order to be certified as a member of the Order and to receive the ring.*

The UVM Order of the Engineer Ceremony for this year will be held at the culmination of The University of Vermont's observation of National Engineer's Week. The Ceremony will begin promptly at **4:00 p.m. on Friday, February 22, 2002 in room 101 in the Fleming Museum**. The Votey Parking Lot will be available to those attending the ceremony. Contact Prof. Jean-Guy Béliveau for the UVM ceremony, at 656-1931 or at "beliveau@emba.uvm.edu".

The **Norwich** link will hold its ceremony on **Saturday, May 4 at 1 p.m.** You may contact Prof. Fred White for further information at 485-2262, or "**fwhite@norwich.edu**".

If you are interested in publicly avowing your pride in being an engineer, please send your name as you wish it to appear on the certificate, your address, telephone and email, if available together with a check for **\$15.00, Order of the Engineer**. If you wish to attend the UVM ceremony please return the information by **Monday, February 18, 2002**. Please indicate your engineering degree, the university and date degree was granted. Please note that this is a *one-time* payment. There are no annual dues, fees, or donation requests and your name will not appear on a national mailing list.

Sincerely,

*Jean-Guy Béliveau, P.E., Ph.D.*

Order of the Engineer, Link No. 89

Vermont Board of Governors

## President's Message

Congratulations to Joseph Oppenlander, P.E. and Adam Rice, P.E., the Vermont ASCE Engineer of the Year and Young Engineer of the Year. This award is a tribute to their contributions in the field of engineering and their service to the greater community. The hard work of these individuals and other engineers throughout Vermont, and the nation, will be exemplified over the upcoming Engineers' Week. Please take the time to review the E-Week events and make an effort to attend.

For those who attend the annual Engineers' Day at the State House (8am-1pm, February 21), let the legislators know how important engineering work is, and let the legislators know that this is the 150th anniversary of ASCE. The VT-ASCE board will be working with the legislators and the governor's office to have a State Proclamation honoring ASCE on this historical occasion. For those interested in more information on engineering and related legislation at the national level, check out past articles from ASCE's *This Week in Washington*: [www.asce.org/news/grwk/index.cfm](http://www.asce.org/news/grwk/index.cfm)

The board has received several requests for PE exam refresher courses or materials. We are reviewing options at this time. Please contact me if this is something that you, or any one that you know of, are interested in. We may also be looking for engineers to volunteer their time to prepare for, and run, a refresher course session.

We have received good feedback for a proposed April field trip to Deer Island in Boston or the Montreal treatment plant. Look for further announcements on the field trip in the upcoming March newsletter. I look forward to seeing everyone at the E-Week banquet at UVM.

*Kevin Worden, P.E.*

President of Vermont ASCE

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**February 2002**

*Past-President – Russel Ryan, P.E.*

*President – Kevin Worden, P.E.*

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*Treasurer – Bruce Eaton, E.I.*

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*Director, NEC – Paul A. Hobbs, P.E.*