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## The Green Mountain Civil Report

February 2017

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VT ASCE is now  
on LinkedIn!

LinkedIn is a great way to stay up to date and connected to all of VT ASCE's members and events.

### Dear Jessica,

Happy February to all! I'd like to thank everyone that made it out to our annual Student Ski Day at Sugarbush, it was one of our most successful ski days to date with nearly 50 students and professionals in attendance. To make things even better, the weather cooperated and it was a great day on the slopes.

I'd also like to congratulate ASCE members Shawn Kelley, Ph.D., P.E. and Nate Pion, P.E. for their recognition as 2017 Vermont Engineer of the Year and Young Engineer of the year, respectively. It's a well deserved honor, and please join us to recognize their accomplishments during the E-Week Banquet (details below).

This year the engineering community will be celebrating National Engineer's Week from February 19-25. There are a slew of engineering related events happening, all culminating with the Vermont Annual E-Week Banquet on Friday the 24th. ASCE is proud to be partnering with DiscoverE to sponsor E-Week nationally, including the premiere of ASCE's "Dream Big" feature film about engineering. We hope to see you at the banquet!

- [Annual E-Week Banquet: Friday, 2/24](#)

In this month's newsletter you'll find:

- [E-Week Banquet Information](#)

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[Join ASCE!](#)

Make sure to check out ASCE's Continuing Education Page.

[Click Here!](#)

#### 2016 - 2017 Vermont ASCE Officers

Title	Name
Past President	<a href="#">Jessica Louisos, P.E.</a>
President	George N. McCain Jr., P.E
President-Elect	Nathan Pion, P.E.
Treasurer	Christopher Gendron, P.E.
Secretary	Branden Martin, E.I.
Newsletter Editor	<a href="#">Andrea Ameden</a>
New England Council Delegate	Bernard T. Gagnon, P.E.

- [Annual Student Ski Day Summary](#)
- [Day Under the Dome with ACEC & ASCE](#)
- [Dam Safety Legislation in Vermont House](#)
- [2017 Engineer of the Year: Shawn Kelley, PhD., P.E.](#)
- [2017 Young Engineer of the Year: Nate Pion, P.E.](#)
- [\\$1 Trillion Infrastructure Proposal by Sanders & Leahy](#)
- [Moving Forward On Climate - Without Washington, A Reality Check with Bernie Sanders](#)
- [UVM Senior Capstone Design Update](#)

One more reminder to all our current members, if you haven't renewed your ASCE membership for 2017 there's no time better than the present! Please take a moment to renew, and enjoy all the incentives that come with being a part of VT ASCE.

Thank you for your time, and happy 2017!

George N. McCain Jr., P.E., M.ASCE

## Vermont Engineer's Week Banquet - Friday, 2/24

Please join us to celebrate E-Week 2017, culminating with the annual E-Week Banquet on Friday 2/24 at the DoubleTree in South Burlington.

ASCE is excited to be a chair of this year's National Engineer Week, and our VT section is looking forward to helping celebrate the achievements of engineers in our great state. Please see the link below for additional information and how to register.

This year's presentation will be by John Laurence Busch, author of "STEAM COFFIN: Captain Moses Rogers and the Steamship Savannah Break the Barrier", will present on building the first "Steamship" in history.

[Register for the E-Week Banquet](#)

New England Council Delegate	Jessica Louisos, P.E.
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Membership Committee Chair	Tyler Barnard, E.I.
Geo-Institute Chair	John Stevens, P.E.
VTC Practitioner Advisor	John Lens, P.E.
UVM Practitioner Advisor	Pat Finn, E.I.
Norwich Practitioner Advisor	Chris Rivet, P.E.
Young Member Committee Chair	Dylan Quinn, E.I.
Government Relations Chair	Amanda Hanaway-Corrente, P.E.



## VT ASCE Student Ski Day at Sugarbush



We had a great turnout for the VT ASCE Student Ski Day at Sugarbush Resort on Friday, January 27th. Students from VTC and UVM gathered with professionals to network and enjoy some wonderful skiing conditions.

Dylan Quinn (below) gave a presentation to students and professionals to explain what having an ASCE membership entails and all the benefits and tools available to members.

**We Won!**



The Vermont Section won the Outstanding Section & Branch

Award for Small Sections in 2012 & 2013. This means that we were the BEST small ASCE section in the nation!



The annual event continues to be a tradition giving professionals and students alike an opportunity to close the gap between the educational and professional world and to lend some career advice to the next generation of engineers.



UVM Students enjoy the last run of the day.

## 2017 "Day Under the Dome" Legislative Advocacy Day with ACEC & ASCE



On January 27th, members of ACEC/VT and VT ASCE met with government leaders and colleagues to raise awareness with lawmakers on the importance of Vermont's engineering community and the significant contribution engineers' hard work provides for communities throughout the State.



Amidst ongoing challenges with the State budget, Vermont's engineering community is working hard to educate our leaders on the importance of infrastructure investment - one of the biggest issues that directly affects the profession and industry in Vermont as well as the rest of the country.

### VT Legislature Considers Dam Safety Legislation

An important new DAM SAFETY BILL was introduced in the Vermont House. [Information on H.92 can be found by clicking here.](#) We have compiled some [Frequently Asked Questions](#) on this bill. The ASCE Vermont Report Card highlighted some areas for improvement in the way Vermont handles dam. This bill will create a dam registry and information available on Vermont dams.

If you have questions on this effort or would like to get more involved in supporting this bill contact

Jessica Louisos,  
[jlouisos@mminc.com](mailto:jlouisos@mminc.com)

As this bill proceeds through the Vermont legislature you may receive emails on it's progress and asking for your support in contacting your representatives.



Join us in congratulating Shawn Kelley, Ph.D., P.E. who was named 2017 Engineer of the Year

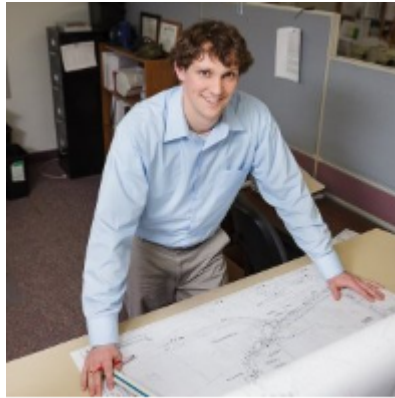
*The VT ASCE Engineer of the Year Award strives to promote the accomplishments of engineers by highlighting their engineering contributions and the resulting impact on society.*



Shawn P. Kelley, Ph.D., P.E.

Kelley is a Senior Associate with GeoDesign Inc. in Windsor, VT. Mr. Kelley oversees a variety of engineering projects, including foundation engineering design, slope stability analysis and repair, construction observation services, and geotechnical instrumentation. Mr. Kelley has served on the Board of the Directors for the Vermont Section of ASCE for several years, including a two-year terms as President from 2007-2009. In 2007, Mr. Kelley was recognized as the Young Engineer of the Year and in 2012, Mr. Kelley was recognized as an Outstanding Junior Alumni by University of Massachusetts-Amherst's College of Engineering. Mr. Kelley is active in his hometown of Hartford, VT as a volunteer. He serves as a Construction Commissioner and volunteers with a home repair service for local folks in need.

## Join us in congratulating Nate Pion, P.E. who was named 2017 Young Engineer of the Year



Nate Pion, P.E.

Pion currently works for Aldrich + Elliott, PC as a staff engineer and has much experience in water and wastewater projects, including treatment facility upgrades and new municipal system, as well as extensive hydraulic analysis of water distribution systems. Pion has a wide range of field experience involving flow testing, infiltration studies, illicit discharge detection and elimination (IDDE), surveying, and GPS. Pion also remains active in the Vermont Chapter of ASCE as he has served in the past as Secretary and is currently President-Elect.

### "Blueprint to Rebuild America's Infrastructure"

Bernie Sanders and Patrick Leahy are working in the Senate to introduce a 10-year, \$1 Trillion proposal for infrastructure improvements and job creation. If you have a chance, please take a look at the attached article and video. ASCE's Report Card (both at the National and Vermont level) are used in support of this effort.

[Blueprint to Rebuild America's Infrastructure](#)

**Moving Forward on Climate - Without Washington**  
***A Reality Check with Senator Bernie Sanders***

**WEBINAR: Wednesday, February 8<sup>th</sup> at 7 p.m.**





The Trump Administration has made clear its disdain for science and their intent to roll back our nation's commitment to tackling global warming. This means we must redouble our efforts.

The only question is, *how?*

Join [a LIVE webinar](#) with Vermont Senator Bernie Sanders on Wednesday, February 8 at 7 p.m. for ideas...

Hear what Bernie thinks a fossil fuel-favoring administration and a Congress dominated by climate deniers means for the world's most pressing environmental challenge - and what we can do about it.

**All you need to do is register and you can participate from anywhere with an internet connection.**

**[REGISTER TODAY!](#)**

Senator Sanders will be joined by Addison County State Senator Christopher Bray and a few of Vermont's leading environmental advocates. Beyond the federal framework from Bernie, you'll get an overview of the 2017 legislative outlook and some ideas on what you, as a concerned citizen, can do to continue forward momentum on climate change - in Vermont - and beyond.

It has become abundantly clear that global warming solutions, in the U.S., now rest with states and municipalities. New ways of collaboration and coordination are required to advance a job-creating clean energy economy and ensure a strong, strategic and just transition away from polluting fossil fuels.

**Don't miss this unique opportunity to hear directly from Senator Bernie Sanders. [Register today](#) and join Bernie and hundreds of others at 7 p.m. on February 8<sup>th</sup>.**

**[UVM Capstone Design Mentoring Update](#)**



We had strong support from ASCE Vermont practitioners in November and December including both individual project team mentoring and project reviewers for 30% stage review presentations in early December. We are very grateful for that support. The students are eager to get feedback and suggestions from practitioners and the wide breadth of expertise and experience represented in our cadre of practitioners is impressive. Students are continuing on their projects this spring semester with 60% stage review sessions to be held at the end of February/beginning of March 2017. We'll send more information on the specific schedule in the next newsletter.

If you have interest in participating in the capstone program please contact John Lens at the University of Vermont.

Practitioner opportunities in addition to capstone project mentoring and reviewing include presentations on special topics and presentations to both our seniors and our first year civil and environmental engineering students. Our first year students are eager to learn about a day-in-the-life of engineers as well as about unique projects to become better acquainted with our profession. If you would like to share your experiences in this regard, please let me know.

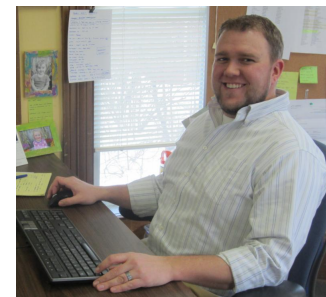
For more information please see the original invitation here: [UVM Capstone Design 2016-2017](#) or contact John Lens at The University of Vermont: [John Lens Email](#)

You are welcome to contact me at [Vermont ASCE Newsletter](#) if you have something to contribute to the newsletter. Let us know if you have suggestions on how we may serve you better.

Sincerely,



George N. McCain Jr., P.E., M.ASCE  
ASCE Vermont Section President



President Vermont ASCE

## Career Opportunities

If your company would like to post a job opening, please follow the link below for more information:

[Posting Jobs with VT ASCE](#)

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