

State News for NSPE Members

NSPE-NH, Partners Present the 2022 S.T.E.M. Excellence in Teaching Awards

The New Hampshire Society of Professional Engineers (NSPE-NH) joined forces with other engineering societies, and the University of New Hampshire to recognize deserving K-12 teachers who are promoting S.T.E.M. curriculum in the classroom. This year's winners were honored at a ceremony this past spring at their schools. Each teacher received a plaque honoring their achievement along with a stipend check.

This year marked the 16th consecutive year of this exciting program. We have had the pleasure of honoring many outstanding teachers throughout New Hampshire. These great teachers are the motivators and educators for our next generations of engineers, inventors, mathematicians, and scientists.

2022 Award Winners



High School - Ms. Shannon McCracken, Farmington High School, Farmington, NH



Elementary School - Ms. Sarah Wisecarver, Hampstead Central School, Hampstead, NH

Effects of Climate Change are Already Changing Life on the Seacoast

Those living on the New Hampshire Seacoast are intimately aware of the impacts of climate change. They've watched high tides draw closer over the years, flooding their streets and homes. The ocean that drew them here now threatens their ability to stay, according to a [New Hampshire Bulletin report](#).

As sea levels rise, communities are scrambling to adapt to the new reality. Steve Belgiorno, a retired math teacher, has seen the flooding worsen since he first bought a house in Hampton in 2005. In 2017, he said, a nightmare storm ruined the house's boiler, hot water tank, and flooring, leaving marsh grass and kelp in exchange. "We're the Titanic," he said.

The [2022 New Hampshire Climate Assessment](#), published in June, documented changes that affect the entire state. Looking at data from 1901 to 2020, the report found that the state is becoming wetter and warmer, trends that are projected to continue. New Hampshire has warmed an average of 3 degrees Fahrenheit since 1901, the report found. How significant the future impacts are will depend on how much we do to reduce greenhouse gas emissions, the report said, echoing consensus from the scientific community. [Read more](#).

PFAs Found in Drinking Water Near DOD Sites

Recently released data from the Department of Defense show high levels of per-

and polyfluoroalkyl substances (PFAs) found in drinking water near military bases, including in New Hampshire, [waterworld.com reports](#). The EPA says no level of the toxic, cancer-causing chemicals are considered safe for human consumption.

The chemicals were found in groundwater near 400 military installations in 18 other states, as well.

In June, the EPA issued four drinking water health advisories relating to PFAs. To help combat PFAS pollution, it has also invited states to apply for part of \$1 billion in funding to address contaminants in drinking water, specifically in small or disadvantaged communities. An additional \$4 billion will ultimately be available for this purpose as part of infrastructure law grant funding.

State Licensing Board Meeting

The New Hampshire Board of Professional Engineers will hold its next meeting on **Friday, July 22** (9:00 a.m. – 12:00 p.m.). The meeting will be held at 7 Eagle Square, Concord, NH 03301, but can also be attended remotely via Zoom. Access more information [here](#).

Stay up to date on legislative issues through the [NSPE Advocacy Center](#).

Missouri PE Takes the Lead of NSPE



Britt Smith P.E., F.NSPE, has started his term as NSPE's 2022–23 president. A formal installation ceremony will take place during the Professional Engineers Conference in Philadelphia on August 2.

"I can say honestly that I could not be more humbled to be the next president of NSPE," Smith stated during the recent House of Delegates General Assembly. "I never dreamed that I would be in this position but knew that I wanted to just give back to the profession that has provided so much for me and my family."

Smith is currently the operations division director for the City of Jefferson, where he manages all aspects of operations related to streets, parking, central maintenance, city facilities, and the airport, and leverages all available resources to accomplish the varying missions of each division. He also has experience as an engineering consultant and served in the US Army. Smith graduated from the Missouri University of Science and Technology (formerly the University of Missouri – Rolla) with a bachelor's degree in aerospace engineering.

Since becoming a member of NSPE and the Missouri Society of Professional Engineers in 1997, Smith has held many volunteer leadership positions with the Society including serving on the Committee on Policy and Advocacy, the Honors and Awards Committee, the Delivery System, Communication, and Technology Task Force, and as Missouri's representative to the House of Delegates. Smith was named an NSPE Fellow in 2016. In Missouri, he served in a variety of chapter and state-level leadership positions, including as the 2011-2012 state president and president of the Jefferson City Chapter in 2001.

A strong dedication to volunteering also extends into Smith's local community where he is involved with the United Way of Central Missouri and as a counselor for the Jefferson City Marriage Encounter. He has previously dedicated many years to the local Boy Scouts troop and as a volunteer baseball/softball coach.

Reconnect at NSPECon 2022

Attendance at [NSPECon 2022](#) in Philadelphia, August 1-3, is the best opportunity to engage and learn with your colleagues. The conference features multiple education tracks in leadership, trends in the industry, and career development. [Registration is open until July 28.](#)

Featured Keynote Speaker



Commander Mary Kelly, US Navy (Ret.), Ph.D., CSP, CPAE, will present “6-5-7: The 6 Stages of Any Crisis, Challenge, or Change, the 5 Steps to P.I.V.O.T. for Success, and 7 Leadership Reminders To Lead Through It.” Registered attendees will receive exclusive access to an online vault full of bonus resources from Commander Kelly.

Conference Session Highlights

- [You Want Me to Lead WHO to do WHAT? Lessons from the Frontlines of Engineering Leadership](#)
- [Reliability and Resilience of Energy Systems under Extreme Weather Events](#)
- [Generation Next: Engaging Multi-Generational Engineers](#)
- [Defending the License](#)

- [Career Development in Practice, Not Theory](#)
- [PE Day Luncheon & Panel Discussion: Engineering Challenges of the 21st Century](#)

[Access the full NSPECon program.](#)

PE Day is Coming!

Celebrate licensure and the profession with PEs around the world on Wednesday, August 3, during the seventh annual [Professional Engineers Day](#)! Whether you plan to celebrate PE Day at home, in the office, or with your peers at the NSPECon 2022 in Philadelphia, you can show off your PE pride by sporting some PE Day logo wear for this year's event.



NSPE's [apparel shop](#) features the PE Day logo on a variety of items including many styles of t-shirts and other apparel for men, women, and kids, as well as accessories like mugs, notebooks, tote bags, wall prints, and even phone cases.

[Shop now to celebrate in style!](#)

You received this e-mail because you are subscribed to *PE Matters* e-newsletter.

To update your e-mail address, visit www.nspe.org and login to manage your account.

If you do not wish to receive any more issues of *PE Matters*, [click here to unsubscribe](#) .

Share with your network



National Society of Professional Engineers | 1420 King Street | Alexandria, VA 22314

