

## State News for NSPE Members



### Skilled Workforce Critical for New Hampshire Manufacturing

Building a skilled workforce for advanced manufacturing opportunities in New Hampshire is crucial, considering that manufacturing accounts for one of every eight jobs in the state, [reports the Union Leader](#). At the Advanced Regenerative Manufacturing Institute in Manchester, efforts are underway to manufacture human tissue and whole organs. Founded by inventor Dean Kamen, [ARMI](#) has more than 150 partners, with more than \$300 million in government and private investment committed. On a recent ARMI webinar, a former director of regenerative medicine research at the Texas Heart Institute said, “My world view is that if we’re going to build a truly competitive workforce for tomorrow, we have to meet people where they are, and during my 20 years in this field, what I’ve learned is that people learn what interests them, they learn what excites them and they learn 24/7/365, so we have to meet people where they are.”

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### NH Shows Strength in Science, Tech

Once again, a California think tank has listed New Hampshire as one of the most innovative states in the US, [reports NH Business Review](#). The Granite State moved up two spots from 2018, to No. 7, in the Milken Institute’s [State Technology and Science Index](#). The ranking provides a benchmark for evaluating the knowledge economies of all 50 US states. The index compares each state’s capacity for achieving prosperity through scientific discovery and technological innovation.

According to the article, New Hampshire performed well in technology and science workforce metric, which measures intensity of computer and information science experts, engineers and life and physical scientists in the overall workforce.

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

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## PEs, Technicians, and Teamwork

Construction projects come with numerous roles and responsibilities that must be carried out with skill and efficiency to achieve success. For professional engineers, perhaps the most critical relationship is with the project's engineering technicians.

In a recent [NSPE webinar](#) on PEs, technicians, and the engineering team, Shannon Looney, P.E., F.NSPE, called the contributions of skilled technicians "invaluable." As the senior project manager for the Glenn E. Mitchell and Company Inc. in Knoxville, Tennessee, Looney specializes in concrete construction. He relies heavily on the data collected by technicians—"the technicians with their hands on the ground that work directly with the labor force and is able to tell us the data we need...to make real-time decisions on important aspects of production."

The webinar covers many aspects of the PE-technician dynamic and the factors that make a strong team. In addition to Looney, the webinar panel included Kent Dvorak, P.E., of Terracon's Salt Lake City office; John Quidley, SET, president and senior quality consultant with Caliber Consulting Services LLC; and Kenny Johnson Jr., P.G., with expertise in the geotechnical and materials testing industry.

The webinar, "Put Me in, Coach! The Engineering Team from Concept to Completion," can be [accessed online for free](#).

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## Georgia Adopts Structural PE Requirement

Beginning January 1, a professional engineer who designs, signs, and seals plans for "designated structures" in Georgia must be licensed as a structural engineer. Legislation signed into law in August, creates a professional structural engineer licensing process, which includes a requirement that a licensure applicant take the 16-hour PE Structural exam.

The process [establishes several paths](#) for current licensees to be grandfathered into obtaining an SE license, which is supplemental to the PE license. An individual licensed in Georgia will have to submit an affidavit form and pay fees to the [State Board of Registration for Professional Engineers and Land Surveyors](#) from November 1 to December 31, 2020 to participate in this grandfather process.

In June, NSPE and the Georgia Society of Professional Engineers expressed concerns that a SE license requirement would create an additional layer of bureaucracy, requiring an engineer who is qualified to practice in more than one area to obtain multiple licenses.

NSPE believes that fragmenting the professional engineering license into discipline-specific title or practice acts weakens rather than strengthens the integrity of the license. The Society advocates for an alternative structural engineering certification that could be obtained after earning a PE license to offer more flexibility and without drawing a hard line between structural and other engineering disciplines.

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## Officer Nominations Open

Nominations are now open for the positions of NSPE 2021–22 vice president and 2021–23 treasurer. The individual nominated for vice president will advance to president-elect in 2022–23 and president in 2023–24. The deadline for submitting nomination packages for either position is **January 11, 2021**.

Please share this information with those you believe should be considered for the next leaders in our Society. Additional details can be found in the [Leadership Toolbox](#). If you have any questions, email the NSPE Executive Office at [executive@nspe.org](mailto:executive@nspe.org).

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