

State News for NSPE Members

NH Joint Engineering Societies Seeks New Chairperson

The New Hampshire Joint Engineering Societies (NHJES) is seeking a new Chairperson for 2023 – 2024. Interested parties should contact [Michael Bogue](#) or [Jason Beaudet](#).

The NHJES Chairperson Responsibilities

The NHJES Chairperson coordinates with representatives from several engineering societies within New Hampshire to organize a full-day interdisciplinary engineering conference. The conference takes place annually and provides 5-6 PDHs to the attendees while raising money and awareness for the STEM field. A typical conference day begins at 7:00 a.m. with registration and has 4-6 presenters throughout the event (with breakfast and lunch). The Chairperson acts as the conference MC and presents the donations at the completion of the conference day.

Conference Planning

Planning the conference involves organizing monthly planning sessions and collaborating with representatives from NHSPE, ACEC, SENH, ASCE, WTS, SWE, and IEEE. Speakers are identified for the conference, exhibitors, and sponsors are solicited, and student participation is organized. Paid administrative staff assists with registration on the day of the conference as well as coordinating venue and catering, and preparation of conference materials. Registration is completed through constant contact. Additional staff members are available to help with the set up and maintenance of the constant contact page.

Donations

NHJES has raised and donated thousands of dollars in support of STEM programs around the state. Average donations are around \$5,000/year and are distributed to various organizations. MATHCOUNTS, FIRST Robotics, Manchester's Girls at Work, Manchester Community College STEM camp, Milford Highschool Robotics team, and several others have benefited from the donations.

\$196 Million Federal Broadband Award a ‘Game-Changer’ for NH’s Connectivity Efforts

New Hampshire is set to receive nearly \$200 million in federal funding to expand broadband access around the state — an amount that will help the state achieve its long-held goal of giving all households and businesses the ability to connect to reliable internet service, [according to a report by the *New Hampshire Business Review*](#).

The money was awarded through the Broadband Equity, Access, and Deployment (BEAD) program, which was created as a result of the 2021 Infrastructure Investment and Jobs Act, the so-called bipartisan infrastructure law.

The funding was awarded to states based on the Federal Communications Commission’s updated internet connectivity maps. According to the delegations’ press release, preliminary findings as a result of the update indicate that the number of broadband serviceable locations in New Hampshire increased by 10,815 from the last map, and the number of unserved locations increased by 2,273. As a result, the revision means there is a 10% increase in the number of unserved locations in New Hampshire – a larger increase compared to most other states. [Read more.](#)

\$20 Million Grant to Put Bicyclists, Pedestrians on New Path Across Little Bay

New Hampshire will receive \$20 million in funds from the US Department of Transportation to replace the closed General Sullivan Bridge with what will be the only walking and bicycling access across Little Bay. The new two-girder superstructure will reopen as a multi-use path, with help from a grant from the Rebuilding American Infrastructure with Sustainability and Equity program (RAISE), [the *Concord Monitor* reports](#).

The money awarded to New Hampshire is among \$2.2 billion the US Department of Transportation is sending to states and tribal and local governments through a program that was expanded under the 2021 Bipartisan Infrastructure Law. The funds will support [162 projects nationally](#), including improvements and expansions of roads, rail, bridges, pedestrian trails, and maritime infrastructure. The General Sullivan Bridge was constructed in 1934 and carried vehicular traffic until 1984. It closed completely in 2018 because of its deteriorating condition due to age and the harsh coastal climate. The new 1,550-foot-long structure – expected to cost \$35.5 million – will be completely separate from vehicle traffic and located just upstream of the Little Bay bridges that carry the Spaulding Turnpike both north and south. Without the General Sullivan Bridge, pedestrians and bicyclists are forced to take a 25-mile detour. [Read more.](#)

Meet the 2023 NSPE Emerging Leaders



NSPE is pleased to recognize 15 talented professionals who recently completed the Society's [Emerging Leaders Program](#). This diverse group of young professionals was selected from around the country to take part in an intensive, unique enterprise designed to equip them as leaders in the engineering field.

- **Nicholas J. Bailey, P.E.** (Cincinnati, Ohio)
- **Frank Block III, Ph.D., P.E.** (Silver Spring, Maryland)
- **Timothy Choma, P.E.** (Iselin, New Jersey)
- **Courtney Cunningham, P.E.** (Houston, Texas)
- **Steven T. Fox, P.E.** (Nashville, Tennessee)
- **Blane Gee, P.E.** (Oklahoma City, Oklahoma)
- **Holly Hartley Guillaume, P.E.** (Katy, Texas)
- **Lingbee Chyna Lim, P.E.** (Charleston, South Carolina)
- **Brianne R. Jole, P.E.** (Lubbock, Texas)
- **Corey Kingsland, P.E.** (Kansas City, Missouri)
- **Carter Lytal, P.E.** (Lubbock, Texas)
- **Rebecca Martinez, P.E.** (Cherry Hill, New Jersey)
- **Alissa Neuhausen, P.E.** (Rockville, Maryland)
- **Victor Odili, P.E.** (Conroe, Texas)
- **Skylar Wierzbicki, P.E.** (Grapevine, Texas)

The program is [accepting applications](#) for the next class of rising leaders until

August 31.



The upcoming [Professional Engineers Day](#) (Wednesday, August 2) is an incredible opportunity to showcase the value of NSPE and your PE license. We encourage you to post on your social media accounts a highlight from your community, your work, your impact, your story and include the #IAMNSPE, #WeareNSPE, #ProudPE.

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.](#)

Check Out the Latest Issue of *PE*

[The Chatter About AI](#)

OpenAI's ChatGPT came on the scene in November 2022. This type of generative AI has made a noticeable impact in a brief period of time and other versions of chatbots have been released. This emerging technology is sparking discussions about what impact AI could have on the engineering workforce and in engineering practice.

[Reaching Tomorrow's Innovators](#)

DiscoverE has released its latest research on the views of high school students and parents on engineering and engineering careers. The Messages Matter results were encouraging as they reveal that targeted messages and profiles of engineers can spur interest in engineering among the very groups that will ensure a more diverse future for the field.

Members who subscribe to the [digital edition of *PE*](#) can access the current and back issues.



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