

State News for NSPE Members

UD College of Engineering Lab Aims to Boost BioPharma Manufacturing Research

Waters Corporation, a scientific measurement company, has entered a five-year partnership with the University of Delaware's College of Engineering and will sponsor a new laboratory on the science and technology campus, [UDaily reports](#).

The purpose of the collaboration is to advance biopharmaceutical processes and manufacturing. The innovation and research lab will be called Immerse Delaware and will be established in early 2022. The facility will incorporate a research test bed and technologies that will support bioprocess engineers' research into process and informatics within their field.

"This collaboration will not only drive solutions to major industry challenges, it will allow us to bring additional real-world issues into the classroom and advance business development in the region," said Levi Thompson, dean of the engineering college.

Governor Announces Climate Action Plan

Governor John Carney recently unveiled a new [climate action plan](#) for Delaware. The plan's main goals are to reduce greenhouse gas emissions and to better prepare for the impacts of climate change by prioritizing clean energy and improved energy efficiency, providing support to state agencies in resilience efforts and increasing research and monitoring.

Key action areas to reduce greenhouse gas emissions include:

- clean and renewable energy;
- energy efficiency;
- transportation;
- reducing high global warming potential greenhouse gases; and
- natural and working lands.

Key action areas to maximize resilience include:

- updating or creating state regulations;
- supporting communities and stakeholders;
- creating management plans;
- updating facility design and operation;
- promoting research and monitoring;
- engaging in outreach and education; and
- providing agency support.

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

Share Your Story: #IAMNSPE



NSPE is its members. It's a society made up of dedicated individuals who each bring a unique story and perspective to the engineering profession. NSPE members are leaders. They are connected, inclusive, committed to ethical practice, and so much more. Members are [sharing their stories](#)...join them. #IAMNSPE

I Am the Future

Anali Martinez Gonzalez, E.I.T.
Civil Engineer
NSPE Emerging Leader Class of 2020

“I have taken advantage of opportunities to grow as a leader and seek to inspire the next generation of girls and women, especially Latinas, who want to be engineers one day.”



PECon 2022: Now Accepting Presentation Proposals



Harnessing the Power
of PEs to Create a
Better World

Call for
presentations
is now open!

Deadline to submit
is November 30,
2021.



August
1-3
2022
Philadelphia, PA

Sheraton Philadelphia
Downtown

NSPE is now accepting presentation submissions for consideration for the 2022

Professional Engineers Conference, August 1–3, in Philadelphia. The deadline for proposals is **November 30**.

The Professional Engineers Conference provides presenters an opportunity to share their expertise at a national conference. The 2022 conference will focus on the theme of harnessing the power of PEs to create a better world.

Conference Topics

- **Amplify Your Leadership Power Skills**—Beyond being technically qualified and committed to ethical practices, PEs are leaders. Presentations will be skills-focused for all career levels.
- **Stay Informed About Issues and Trends Impacting the Profession**—The workplace environment is constantly changing and evolving. Presentations should address the latest issues and trends impacting PEs and the engineering industry.
- **Invest in Your Career**—Choosing a career as a professional engineer is an intentional act by engineers committed to the public health, safety, and welfare. Presentations should address career development topics that will help engineers at all career stages achieve their highest potential.

[Learn more and submit a proposal.](#)

Maryland Society Defends PE Requirement for Public Works Director

The Maryland Society of Professional Engineers is opposing efforts to end the requirement for a PE to serve as director of the Baltimore County Department of Public Works and Transportation. MDSPE believes a licensed professional engineer can provide the most effective administration to protect public health and safety.

In August, the Baltimore County Council revised the required qualifications for the director position, allowing an unlicensed individual to hold the position if they have at least 10 years of supervisory experience in infrastructure planning and construction, or transportation engineering and management. The existing county charter requires the director to hold a Maryland PE license and have at least 10 years of experience in responsible charge of engineering work. As this modification will require a change to the county charter, voters will have the final say in a ballot initiative on November 8, 2022.

In a letter to the county council chair, MDSPE emphasized that the county charter

has historically required the department's director and deputy directors to be licensed professional engineers with extensive experience in their areas of practice because the department is responsible for significant engineering activities.

Without a license, the director would not be permitted to resolve differences in engineering decision-making between the PEs on staff, sign off on plans, or change plans without the approval of the PE. MDSPE believes that if an unlicensed director imposes undue influence on professional engineering decisions, it might create significant ethical and legal problems for the department and county.

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**

