

Choose Delaware

# Science & Technology

**Delaware's highly integrated advanced chemicals and bioscience industries are powered by top-tier talent and a drive for innovation.**

## Advanced Chemicals and Clean Technology

Delaware has been a global hub for advanced chemicals since DuPont opened for business here in 1802. Today, chemical manufacturing is the largest manufacturing industry in Delaware, generating more than \$2.3 billion annually in output. It accounts for over one-third of all Delaware manufacturing output. The state's position as a leader in advanced chemicals is supported by a deep talent pool, with the highest concentration of chemical engineering jobs in the country and a top-tier talent pipeline from the University of Delaware's graduate chemical engineering program, which ranks among the top 10 programs nationally, according to *U.S. News & World Report*. Additionally, the state's role in the clean technology industry has been growing. In 2023 Delaware, along with southeastern Pennsylvania and southern New Jersey were awarded up to \$750 million in federal funding to support the Mid-Atlantic Clean Hydrogen Hub (MACH2). One of only 7 hubs selected through a competitive process, this initiative will support the production, processing, delivery, storage, and use of clean hydrogen throughout the East Coast.

## Bioscience

Delaware's bioscience companies — spanning pharmaceutical, industrial, agricultural, chemical and medical uses — are leaders in moving cutting-edge technology from lab to market. Many top pharmaceutical companies are headquartered in the region, where firms collaborate with research and medical institutions to develop and commercialize innovative drugs, diagnostics and medical devices drawing on an existing pool of highly trained and specialized workers. Delaware is home to state-of-the-industry facilities that will further bioscience advances into the 21st century. These facilities include the \$165 million Biopharmaceutical Innovation Building at the University of Delaware's Science, Technology, and Advanced Research (STAR) Campus, headquarters of the National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL). STAR Campus will also soon be home to the \$150 million SABRE Center, NIIMBL's new facility with dedicated space for testing innovative biopharmaceutical manufacturing practices and providing highly technical workforce training.



"Delaware moves at the speed of the entrepreneur, and having a real partnership with local businesses, to be able to find your answers quickly with the government and have the support of your local, state and federal leaders help make Delaware a special place for business."

— Andrew Cottone  
Founder and President  
Adesis



## Key Facts

7<sup>th</sup>

Delaware ranks seventh in the Milken Institute's 2022 State Technology and Science Index.

5<sup>th</sup>

The 5th-highest concentration of Ph.D.s working in health, science, and engineering in the U.S. is found in Delaware.

1<sup>st</sup>

Delaware has the highest concentration of chemists and chemical engineers of any U.S. state.

100

There are more than 100 colleges and universities within two hours of Delaware, providing a deep talent pool for science and technology companies.



One of the best research & development tax credits in the United States.

9<sup>th</sup>

Delaware is ninth in the U.S. for its concentration of technology workers.

## Why Delaware?



"Delaware's been a fantastic choice for us. Being in the center of it all from a location perspective, being able to get to New York, being able to get to a major airport and access to great universities is very important."

**- Philip Patterson**  
CFO and SVP  
Solenis



"We're so good at forming collaborations in Delaware. Whether we're trying to get through regulatory hurdles, trying to find investors or trying to connect with different scientific expertise, we all know each other in this community so it's always easy to find what you need. That's how Delaware competes on the world stage"

**- John Koh**  
Director  
Delaware Biotechnology Institute

## Notable Employers



## Industry Drivers

- Air Liquide Delaware Research and Technology Center
- University of Delaware Center for Composite Materials
- Delaware BioScience Association
- Delaware Biotechnology Institute
- Delaware Innovation Space
- Delaware Sustainable Chemistry Alliance (DESCA)
- Fraunhofer USA Center for Molecular Biology
- National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL)
- Science and Technology Research Institute of Delaware (STRIDE)
- Zip Code Wilmington
- Code Differently

## About DPP

Delaware Prosperity Partnership leads Delaware's economic development efforts to attract, grow and retain businesses; to build a stronger entrepreneurial and innovation ecosystem; and to support private employers in identifying, recruiting and developing talent.

## Contact

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