

# Science & Technology

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

## 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 here, where firms collaborate with research and medical institutions to develop and commercialize innovative drugs, diagnostics and medical devices. The number of life sciences firms in the state has grown by more than 60% during the past decade, 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 new \$156 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).

## Advanced Chemicals

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 \$6.4 billion annually in output. It also accounts for one-quarter 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 annually ranks among the nation's top 10, according to *U.S. News & World Report*.



"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

9<sup>th</sup>

Delaware ranks 9<sup>th</sup> in the Milken Institute's 2020 State Technology and Science Index.

4<sup>th</sup>

The 4<sup>th</sup>-highest U.S. concentration of employed Ph.D.s working in health, science and engineering is found in Delaware.

1<sup>st</sup>

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

100

More than 100 colleges and universities within two hours of Delaware provide a deep talent pool for science and technology companies.



Delaware offers the best research & development tax credit in the United States.

7<sup>th</sup>

Delaware ranks 7<sup>th</sup> in the U.S. for its concentration of technology workers — outranking California.

## 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
- 📍 Chestnut Run Innovation and Science Park (CRISP)
- 📍 Code Differently
- 📍 Delaware BioScience Association
- 📍 Delaware Biotechnology Institute
- 📍 Delaware Prosperity Partnership Science & Tech Advisors
- 📍 Delaware Sustainable Chemistry Alliance (DESCA)
- 📍 Fraunhofer USA Center for Molecular Biology
- 📍 National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL)
- 📍 The Innovation Space
- 📍 University of Delaware Center for Composite Materials
- 📍 University of Delaware Science, Technology & Advanced Research (STAR) Campus
- 📍 Zip Code Wilmington

## 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.

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