

FACT SHEET

The Biotechnology Career Pathway

“Launching scientifically and technologically advanced students into the workforce”

**Business and Education:
Partnering Together
to Offer a Broader
Preparation for the
World of Work**

Dr. Sonia Wallman,
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Community Technical
College and Director of
the Northeast Region of
Bio-Link Genetics
Institute (now Wyeth
Biopharma)

Clontech

Invitrogen

Lonza Biologics

NE BioLabs

Stratagene (CA)

VGH Labs

The New Hampshire
Science Instrumentation
Project

**Greater Choice and
Opportunities for
Students**

**State of New
Hampshire
Department of
Education**

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- There are more biotechnology companies in New England than in any other area of the US.ⁱ New Hampshire can anticipate growth in the industry due to its proximity to the concentration of biotech companies and research facilities near Cambridge and Route 128.
- Having an educated workforce in the biotechnology sector is imperative to the growth of industry in New Hampshire.
- The New Hampshire Department of Resources and Economic Development recently funded a biotech incubator feasibility study, which emphasizes how the state government is encouraging growth in the biotechnology sector.

“Biotechnology will touch every aspect of our lives. The next 20 years will be the ‘Age of Biology’. The rate of discovery and understanding will exceed the past 100 years.”ⁱⁱ

The Biotechnology Career Pathway focuses on preparing students to thrive in a world where biotechnology impacts society, the environment, and personal health and safety. The Pathway has three major objectives: biotechnology literacy, career development and postsecondary education. The curriculum in the Pathway includes:

- Exposing students to all aspects of biotechnology;
- Aligning with state and national science standards;
- Offering the opportunity for dual-enrollment college credits;
- Including current biotechnology practices in a state-of-the-art laboratory;
- Integrating other disciplines;
- Simulating a biotechnology company; and
- Providing opportunities for internships.

More and more students are enrolling in programs that are currently being taught at:

Milford High School and Applied Technology Center
Nashua High School North
Portsmouth Senior High School
Seacoast School of Technology in Exeter

For More Information:

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ⁱ Ernst & Young LCR, Biotech Industries Report - Focus on Fundamentals, 2001

ⁱⁱ Biotechnology and Its Impact on Our Economy and Society, Janice T. Bourque, President & CEO, Massachusetts Biotechnology Council, May 2002