

## *Bio*manufacturing Apprentice Program



### About Biomanufacturing as a Career

Biomanufacturing is a hot career in the Northeast. There are many biomanufacturing facilities in existence or being built, expanded or remodeled for the production of biopharmaceuticals from New England through the Mid-Atlantic States. With 155 biopharmaceuticals already in production and 370 in the pipeline, personnel are needed to staff existing and new facilities.

The goal of the *First in the Nation Biomanufacturing Apprenticeship Program* is to bring new matriculating students into the Biomanufacturing career pathway, leading to jobs in manufacturing, process development, production, validation, metrology, quality control, and quality assurance and a career in biomanufacturing.



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## *Center of Expertise in Biomanufacturing*

The National Center for Excellence in Biomanufacturing is the recipient of a Presidential High Growth Job Training Initiative Grant as implemented by the U.S. Department of Labor's Employment and Training Administration.  
[www.CareerVoyages.com](http://www.CareerVoyages.com)



## **First in the Nation Biomanufacturing Apprenticeship Program**

On September 1, 2004 Great Bay Community College received a prestigious award from the Department of Labor to become the National Center of Expertise in Biomanufacturing. The funds support the first in the nation

Biomanufacturing Apprenticeship program for students matriculating into GBCC's Biotechnology Associate in Science Degree program.

## **An Invitation to Graduating High School Seniors**

In November 2008, High School graduates accepted into the Biotechnology Program will be invited to a social event to meet representatives from the region's biomanufacturing industry. After submitting resumes, students will be interviewed at biomanufacturing apprenticeship sites and selected as biomanufacturing apprentices.

## **Scholarships**

Students selected to become Biomanufacturing Apprentices will receive a scholarship for tuition costs for their second semester, (Spring 2009).

## **Earn up to \$10,000 as an Apprentice**

In Summer 2009 students will earn \$5,000 during their Apprenticeship. These funds will cover tuition expenses for their second year at GBCC.

## **Employment, Further Education or Both**

Following their apprenticeship, students will complete their senior year at GBCC. Following graduation, they will have the options to work full-time, go on to further education such as the Bioengineering Option of the Chemical Engineering Bachelor's Degree program at the University of New Hampshire or a combination of full-time work and further education.

# *National Center for the Biotechnology Workforce*



# *Center of Expertise in Biomanufacturing*

*Biotech.GreatBay.edu*

## **Steps to Becoming a Biomanufacturing Apprentice**

- Apply to GBCC's Associate in Science in Biotechnology Program for Fall 2008
- Meet Industry Mentors at the Apprenticeship Gathering in November 2008
- Register for FREE for 2009 Spring Semester Classes in November 2008
- Submit Resume to Industry for 2009 Apprenticeships in January 2009
- Start Summer 2009 Apprenticeship (students earn \$5,000)
- Start second year of GBCC A.S. in Biotechnology Program September 2009
- Graduate from GBCC with A.S. in Biotechnology in May 2010
- Work full-time at partner company or pursue Bachelor's degree full-time
- Alternatively, work full-time at partner company and pursue Bachelor's degree part-time