

President's Community-Based Job Training Grants

New Hampshire Community Technical College

AWARD AMOUNT: \$1,999,039

AREA SERVED: State of New Hampshire

INDUSTRY: Biotechnology

KEY PARTNERS AND LEVERAGED RESOURCES: \$525,498 in leveraged resources from more than six employer partners, two workforce partners, twenty-four education partners and two other partners

CHALLENGES AND CONSTRAINTS: Companies are having trouble finding qualified entrants to fill biotechnology job openings. New Hampshire Community College has identified the following requirements for the college to be enabled to meet the industry's workforce needs: new curricula that articulate with secondary curriculum, four-year institutions and employer job requirements; new equipment and supplies; and a process of working with industry partners to define bio-research competencies and enhance degree and apprenticeship programs. Additionally, the K-12 system needs to expand student exposure to biotech career opportunities.

ACTIVITIES: This project will provide training to upgrade the skills of existing workers and new entrants and create a defined career pathway for students at secondary and post-secondary levels to easily move toward rewarding careers. This project invests in three major areas along the biotech career pathway: (1) secondary school capacity building; (2) community college capacity building; and (3) industry driven workforce training – connecting systems with employers, students and workers and building upon the synergy of all to develop the infrastructure needed to nourish industry growth.

PROJECTED OUTCOMES:

- A new Bio-Research curriculum will be developed for the college's Associate of Science Biotech Degree;
- Bio-Research competencies will be defined and shared with NH Department of Labor Apprenticeship to incorporate into a Bio-Research Apprenticeship program;
- Four adjunct faculty members will be trained in biotech;
- Twenty additional schools in the region will offer formal biotechnology curriculum
- Four high school biotech programs will be upgraded to "advanced biotech centers; "
- The state's first Biotechnology Career Technical Student Organization will be created;
- Two web sites will be developed: a state-level bioscience web portal serving as the clearinghouse link to the biotech industry and a web site for the new student organization;
- 500+ students will gain awareness of the biotechnology industry and career opportunities;
- 325 incumbent workers, 60 dislocated workers, 30 students and 51 high school teachers will be trained; and
- 2,295 new students will be trained as a result of the expanded high school programs.

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EMPLOYMENT AND TRAINING ADMINISTRATION
UNITED STATES DEPARTMENT OF LABOR

*Community-Based Job Training Grants
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