

UNC Pembroke

Project **BIO**: **B**uilding **I**nnovative **O**pportunities in Southeast North Carolina

Project Overview

NSF funding (3-year grant, \$600,000—NSF and \$60,000—UNCP) will enable *Project BIO* to:

- Support regional efforts to foster the establishment and growth of a biotechnology cluster in Southeast North Carolina;
- Create a partnership to develop the UNC Pembroke Biotechnology Business and Industrial Training Center; and
- Provide biotechnology workshops, courses, seminars and conferences of direct practical value to participants from academia, industry and persons involved in economic development transformation.

Specific Project BIO Goals

- Increase higher-paying jobs in the region *by 100*.
- Increase available workforce in biomanufacturing by providing training opportunities for *300* individuals and establishing or enhancing the *BioWorks Program at 5 community colleges*.
- Increase knowledge base for *150* incumbent workers in biotechnology related training.
- Provide curriculum development and teacher training in biotechnology for *75* K-16 science teachers.
- Facilitate entry of *75* students from 2-year colleges to 4-year colleges/universities with biotech programs.
- Establish *3 new businesses* by coordinating technology, business support sources and capital for entrepreneurs.

Broader Project Bio Impact Goals

- Advance discovery and understanding, while promoting teaching, training and learning.
- Establish research and education collaborations.
- Provide biotechnology presentations to the broader community.
- Broaden dissemination to enhance scientific and technological understanding by fostering partnerships.
- Develop new approaches for delivery of courses (on-line).
- Broaden participation for underrepresented groups.

[Click Here for Project BIO Details](#)



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