

**STATE BOARD OF COMMUNITY COLLEGES**  
 NCCCS BioNetwork Centers' Allocations  
 Approval of the Budget Allocations for the Six BioNetwork Centers

**Request:** Approve recommended budget allocations totaling **\$3,925,000** to BioNetwork Centers' host colleges for fiscal year July 1, 2008 through June 30, 2009.

**Rationale for Approving the Allocation:** Each Center submits a budget request to the BioNetwork Director in May of the previous fiscal year. This request must be appropriate and in alignment with BioNetwork's Strategic Plan and the Centers' specific yearly goals. Copies of the budget requests are kept on file with the BioNetwork Director. A total of **\$3,925,000** is recommended for allocation to the BioNetwork Centers.

Below is the list of recommended individual Center budget allocations for 2008-2009:

**Robeson Community College - \$395,000**

*BioAgriculture (BioAg) Center* [Leslie Lowry, Manager; Dr. Charles Chrestman, President]

The BioAg Center focuses on providing curriculum development and subject matter expertise to support NC Community College System (NCCCS) colleges who are involved in offering agriculture biotechnology programs, or who serve the agriculture biotechnology industry. The BioAg Center employs three individuals; a Center Manager, a Curriculum Coordinator, and an Administrative Assistant.

**Asheville-Buncombe Technical Community College - \$430,000**

*BioBusiness Center* [Jon Lawrie, Manager; Dr. Betty Young, President]

The BioBusiness Center serves as an innovative service hub where researchers and entrepreneurs can find start-up information, educational programs, business direction, support coordination, mentoring, and referrals to launch their enterprise. The BioBusiness Center also assists the NCCCS Small Business Center Network and offers a large variety of seminars and workshops on biotechnology and life science topics, such as, BioDiesel Production, Biotechnology for Non-Scientists, Natural Products Workshops, and Regulatory Reality. The BioBusiness Center employs three individuals; a Center Manager, a Curriculum Coordinator, and a BioNetwork Specialist. The BioBusiness Center's budget includes funding above normal center operations to assist the BioNetwork Information Specialist who must spend 80% of their time supporting all the BioNetwork Centers.

**Gaston College - \$520,000**

*BioEducation (BioEd) Center* [Vernon Shoaf, Manager; Dr. Patricia Skinner, President]

The BioEd Center has the responsibility of transforming appropriate courses into distance learning or interactive digital learning formats. The BioEd Center supports NCCCS colleges and the other BioNetwork Centers with its production studio, equipped to film instructors or courses and to model equipment and processes into digital formats for delivery via the Web. The BioEd Center currently employs three individuals; a Center Manager, a Curriculum Coordinator, and an Administrative Assistant. They are looking to add a fourth employee to assist with the aggressive production schedule demanded by the new BioNetwork Strategic Plan. The BioEd Center's budget includes funding above normal center operations required to host BioNetwork's website and communications.

Pitt Community College - \$370,000

*Bioprocessing Center* [Bill Cooper, Manager; Dr. Dennis Massey, President]

The BioProcessing Center is involved in developing new courses to address the skill gaps of current workers in the biomanufacturing industry. The Center is also involved in training community college faculty on new biotech-related courses, equipment and protocols. The Center recently completed work on a *Bioprocessing in the Workplace* course which is an advanced course for new and incumbent workers in biomanufacturing. The Center employs three individuals; a Center Manager, a Curriculum Coordinator, and a Curriculum Design Specialist.

Partnership between Forsyth Technical Community College and Guilford Technical Community College(Fiscal agent) - \$410,000

*Pharmaceutical Center* [Doug Drabble, Manager; Dr. Gary Green, FTCC President and Dr. Donald Cameron, GTCC President]

The Pharmaceutical Center focuses on serving pharmaceutical and life science companies with courses and programs that are delivered through the NCCCS colleges. A major goal of the Pharmaceutical Center is customizing programs for specific pharmaceutical and life science companies by using a portfolio of course offerings and programs that have been developed by BioNetwork. The Pharmaceutical Center employs three individuals; a Center Manager, a Curriculum Coordinator, and an Administrative Assistant. The Pharmaceutical Center's budget includes funding above normal center operations to assist the Center's staff who will be involved in mechanical aptitude testing and development of an analytical training lab.

Wake Technical Community College - \$1,400,000

*Capstone Center* (Located at BTEC on NCSU's Centennial Campus) [Dr. Lin Wu, Center Dean; Dr. Stephen Scott, WTCC President]

This includes a consortium of community colleges, including Durham Technical Community College, Sandhills Community College, Central Carolina Community College, Piedmont Community College, Vance-Granville Community College, Johnston Community College, and Wake Technical Community College, which serves as the host college and fiscal agent for the Center.

The BioNetwork Capstone Center focuses on offering hands-on, short course-based training in biopharmaceutical and pharmaceutical operations to incumbent workers, new hires, and community college students in a simulated cGMP (current Good Manufacturing Practice) facility. Since 2005, the Center has trained 609 individuals and then the Center moved in the BTEC facility in July 2007. The operation of the Capstone Center requires a significant budget due to many direct costs, including equipment maintenance, consumables, operation of the Mobile Lab, teaching supplies and course materials, and instructor salaries. The Center currently employs eight full-time employees and is in the process of hiring three more full-time employees. Positions at the Center include the Center Dean, Aseptic Suite Director, Mobile Lab Instructor, Aseptic Suite Lab Technician and Instructor, cGMP Instructor, Lab Manager and Instructor, Mobile Lab Driver and Lab Technician, and an Administrative Assistant.

Wake Technical Community College - \$240,000

*Validation Academy* (Located at BTEC on NCSU's Centennial Campus) [Dr. Lin Wu, Center Dean; Dr. Stephen Scott, President]

In March of 2007, the Validation Academy was assigned to the Capstone Center. The Validation Academy will provide the International Society of Pharmaceutical Engineers (ISPE) approved courses to workers in North Carolina on validation principals and concepts. Validation is vitally important to FDA regulated industry. The Academy provides North Carolina companies an economic advantage over companies in other states because of the low price of the training and the ability to bring the training directly to the companies through their local community college. The Academy will employ a full time manager. Funds will also pay for the license fee to ISPE, salaries for instructional designers, and instructors.

Forsyth Technical Community College - \$160,000 (beginning in October of 2008)

*The National Center for the Biotechnology Workforce* [Russ Read, Center Director; Dr. Gary Green, President]

The National Center for the Biotechnology Workforce (NCBW) at Forsyth Tech was created in 2004 by a Department of Labor (DOL) grant. This Center at Forsyth Tech partnered with community colleges in other states to identify best practices, solicit national industry input, collaborate on the development of national skill standards, and grow the biotechnology workforce in specific national cluster regions. NCBW DOL grant funding ends on September 30, 2008. BioNetwork will sustain this important Center and charge it with identifying gaps within NCCCS biotechnology programs and bring back to NCCCS colleges, best practices and solutions from other state systems. Additionally, NCBW will spearhead innovative funding projects for BioNetwork. NCBW employs two full time staff; a Director and a Grant Writer/Technical Writer, and one part-time support staff.

**Time Period Covered:** Fiscal year July 1, 2008 through June 30, 2009

**Fund Availability:** BioNetwork State Appropriation

**Contact Person:**

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**SBCC  
08-15-08**