

STATE BOARD OF COMMUNITY COLLEGES

NCCCS BioNetwork Centers' Allocations
Approval of the Budget Allocations for the Seven BioNetwork Centers

Request: The State Board is asked to approve \$4,111,638 to be allocated to seven BioNetwork Centers' host colleges from July 1, 2010 through June 30, 2011.

History of Allocations: The BioNetwork was created in 2003 from a grant from the Golden LEAF Foundation. Six centers of excellence (BioBusiness, BioAgriculture, Bioprocessing, Capstone, BioEducation, and Pharmaceutical) were initially granted to host colleges. In FY05-06, the legislature agreed to fund BioNetwork on a recurring basis. In FY 08-09, a seventh center, the National Center for Biotechnology Workforce, was added to BioNetwork. This Center was originally a Department of Labor funded center. Center budgets fund subject matter experts, instructional developers, instructors, equipment, supplies, travel, website, and other items needed to educate and train the nations top biotechnology workforce.

Rationale for Approving the Allocations: 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 **\$4,111,638** is recommended for allocation to the BioNetwork Centers.

Below is the list of recommended individual Center budget allocations for 2010-2011:

Robeson Community College - \$360,000

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 that 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 - \$415,750

BioBusiness Center [Paul Knott, Manager; Dr. Hank Dunn, 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, an Education Coordinator, and a BioNetwork Natural Products Testing and Production Coordinator.

Gaston College - \$625,947

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 five individuals; a Center Manager, a Curriculum Coordinator, an E-learning Specialist, a Gaming and Simulation Coordinator, and an Administrative Assistant/Event Planner. The BioEd Center's budget includes funding above normal center operations required to host BioNetwork's website and communications.

Pitt Community College - \$333,000

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 a course for new and incumbent workers in biomanufacturing. The Center employs three individuals; a Center Manager, a Curriculum Coordinator, and a Curriculum Design Specialist.

Forsyth Technical Community College (FTCC)/National Center for the Biotechnology Workforce (NCBW) - \$320,191

NCBW [Russ Read, Executive Director; Dr. Gary Green, FTCC 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. The Center is charged with identifying gaps within NCCCS biotechnology programs, and to bring back to NCCCS colleges best practices and solutions from other state systems. Additionally, NCBW will spearhead innovative funding projects for BioNetwork. NCBW employs four full time staff; an Executive Director, a Communications Coordinator, a Research Assistant, and a Program Assistant.

Wake Technical Community College/Capstone Center - \$1,230,000**

(BioNetwork Mobile Lab - \$30,000)**

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

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. The Center currently employs twelve full-time employees; a Center Dean, an Aseptic Suite Director, a BTEC Director, a Director of BioNetwork Programs, an Outreach and Mobile Launch Pad for Critical Careers Coordinator, an Aseptic Lab Instructor, a Facility Technician and Instructor, a Microbiology Instructor, a Microbiology Lab Technician, and three support staff.

Partnership between Forsyth Technical Community College and Guilford
Technical Community College (Fiscal agent) - \$826,750**

(Pharma Center Analytic Training Lab - \$420,000)**

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

The Pharma 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 four individuals; a Center Manager, a Project Coordinator, an Instructor/Analyst, and a Technical Assistant. The Pharmaceutical Center's budget includes funding for equipment for the Pharma Center Analytical Training Lab.

Time Period Covered: Fiscal year July 1, 2010 through June 30, 2011

Fund Availability: Funding is contingent on FY 2010-2011 State General Fund appropriations for BioNetwork.

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