

STATE BOARD OF COMMUNITY COLLEGES
Allocations for BioNetwork Centers

Request: The State Board is asked to approve \$3,362,700 to be allocated to seven BioNetwork Centers' host colleges from July 1, 2013 through June 30, 2014. This amount represents salaries for staff for the entire fiscal year and operations through the first six months of FY 13-14.

Background: 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 Nation's top biotechnology workforce.

Rationale: BioNetwork supports all 58 community colleges and their local life science industry. Funding ensures services and training for the State's life science industry will continue.

Method of 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. However, an Interim Director will be assuming the leadership role of BioNetwork from July 2013 to January 2014. During this period of time, the Interim Director has been asked to review each center (budgets, staffing, operations, capabilities, activities, and facilities) and prepare an evaluation report, which will be submitted to Vice President for STEM Innovations in late December 2013. The goal of the report is to ensure BioNetwork is appropriately aligned with the current needs of the Life Science Industry in North Carolina. Following the report and any necessary adjustments to operations, the remaining funds will be appropriately allocated to the Centers for their operations from January 2014 to June 2014. A total of \$3,362,700 is recommended for allocation to the BioNetwork Centers, now leaving \$796,911 to be allocated in January 2014.

Fund Source and Allocation Period: Funding is available from the FY 2013-2014 State General Fund appropriations for BioNetwork. The allocation time period is July 1, 2013 through June 30, 2014.

Below is the list of recommended budget center allocations for FY 2013-14:

Robeson Community College - \$250,400

BioAgriculture (BioAg) Center (Located on Robeson CC Campus)
 [Leslie Lowry, Manager; Dr. Pamela Hilbert, President]

The BioAg Center focuses on providing curriculum development and subject matter expertise to support the NC Community College System (NCCCS) colleges that are involved in offering agriculture biotechnology programs, or who serve the agriculture biotechnology industry. The BioAg Center supports two full-time positions; a Manager and a Coordinator. The Center also supports one half-time position; an Administrative Assistant.

Asheville-Buncombe Technical Community College (AB Tech) in partnership with Forsyth Technical Community College (FTCC)- \$561,100 (including \$75,400 for the Food Science Program Coordinator position located at Gaston College)

BioBusiness Center (Located on AB Tech's Enka Campus)

[Sarah Schober, Operations Manager; Dr. Hank Dunn, President, AB Tech; Dr. Gary Green, President, FTCC; Dr. Patricia Skinner, President, Gaston College]

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, Food Science and Regulatory Reality. The BioBusiness Center supports six full-time positions; an Operations Manager, a Laboratory Services Coordinator, a Quality Assurance Specialist, an Information Specialist, a Food Science Coordinator, and a Technical Specialist.

Gaston College - \$522,600

BioEducation (BioEd) Center (Located on Gaston College Campus)

[Vernon Shoaf, Center Director; 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 supports six full-time positions; a Center Director, an E-Learning Coordinator, an E-Learning Developer, a Web Developer, a Project Manager, and an Administrative Assistant. The BioEd Center's budget includes funding above normal center operations required to host BioNetwork's website and communications.

Pitt Community College - \$301,400

Bioprocessing Center (Located at the Technology Enterprise Center)

[Bill Cooper, Center 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 is also very active in the region making presentations describing careers and training requirements to successfully enter the Life Science workforce. The Center supports three full-time positions; a Center Manager, a Curriculum Coordinator, and a Curriculum Design Specialist.

Forsyth Technical Community College (FTCC)/National Center for the Biotechnology Workforce (NCBW) - \$151,000

NCBW (Located on FTCC's Main Campus)

[Russ Read, Executive Director; Dr. Gary Green, FTCC President]

The NCBW, located 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. The NCBW supports three full-time positions; an Executive Director (90% grant funded), a Research Assistant, and a Program Assistant.

Wake Technical Community College (WTCC)/Capstone Center and STEM Bus Program - \$1,120,500

Capstone Center (Located at BTEC on NCSU's Centennial Campus)

[Ana McClanahan, Senior Director; Dr. Stephen Scott, WTCC President]

The BioNetwork Capstone Center and STEM Bus Program focus 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 Capstone Center and STEM Bus Program support eleven full-time positions; a Senior Director, an Aseptic Suite Director, a BTEC Director, an Aseptic Lab Instructor, an Aseptic Lab Technician, a Microbiology Instructor, a Microbiology Lab Technician, two Program Support Staff, a STEM Bus Program Director, and a Curriculum Coordinator.

Forsyth Technical Community College (FTCC) - \$455,700

Pharma Center Allocation - \$267,600

Analytical Training Lab Allocation - \$71,600

Mobile Training Lab Allocation - \$116,500

[Cheryl Bowman, Director; Dr. Gary Green, President, FTCC]

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 five full-time individuals; a Center Manager, a Communications Manager, a Coordinator, an Analyst/Instructor, and an Analytical Laboratory Technician/Instructor. The Pharmaceutical Center's budget includes funding for equipment for the Pharma Center Analytical Training Lab and the Mobile Training Program.

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