

STATE BOARD OF COMMUNITY COLLEGES
Allocations for BioNetwork Centers

Request: The State Board is asked to approve **\$645,200** to be allocated to seven BioNetwork Centers' host colleges from January 18, 2014 through June 30, 2014. This amount represents operational funds for travel, supplies, and minor equipment for the remaining six months of fiscal year FY 2013-2014.

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 FY 05-06, 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. Historically center budgets funded subject matter experts, instructional developers, instructors, equipment, supplies, travel, website, and other items needed to educate and train the Nation's top biotechnology workforce. For FY 2013-14, the State Board on August 16, 2013 (FC 6) approved allocations to these centers for staff salaries for the entire fiscal year and operational costs through the first six months. During the period July 2013 through January 2014 an Interim Director assumed the leadership role of BioNetwork Director and reviewed each center (budget, staffing, operations, capabilities, activities, and facilities) and submitted an evaluation report to the Vice President for STEM Innovations. The goal of the report is to ensure BioNetwork is appropriately aligned with the current needs of the Life Science Industry in North Carolina.

Method of Allocation: Using the college budget requests submitted at the beginning of this fiscal year, the Interim Director reviewed the centers' budget, staffing, operations, capabilities, activities, and facilities. Based on this review, the State Board is now requested to award the remaining six months of operational funding. Following the approval of these allocations, \$115,711 will remain unallocated. Allocation of the remaining balance will be requested in February upon the recommendations of the new BioNetwork Director.

Recommended Center Budget Allocations:

Robeson Community College - \$66,000

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) - \$83,400

BioBusiness Center (Located on AB Tech's Enka Campus)
(Sarah Schober, Operations Manager; Dr. Dennis King, Interim 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, 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 - \$149,000

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 converts courses 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 - \$58,400

Bioprocessing Center (Located at the Technology Enterprise Center)
(Bill Cooper, Center Manager; Dr. Dennis Massey, President)

The Bioprocessing Center assists in developing new courses to address the skill gaps of current workers in the biomanufacturing industry, the training of community college faculty on new biotech-related courses including the protocols for using the biotech equipment. 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) - \$105,300

Pharmaceutical Center (Pharma Center) and the National Center for Biotechnology Workforce (NCBW) (Located on FTCC's Main Campus)
(Russ Read, Executive Director; Dr. Gary Green, President)

Pharma Center Allocation - \$29,800
Mobile Training Lab Allocation - \$45,500
National Center for Biotechnology Workforce - \$30,000

The Pharma Center focuses on serving pharmaceutical and life science companies with courses and programs that are delivered through North Carolina's community colleges. A major goal of the Pharma 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 Pharma Center employs five full-time individuals: a Center Manager, a Communications Manager, a Coordinator, an Analyst/Instructor, and an Analytical Laboratory Technician/Instructor. The Pharma Center's budget includes funding for equipment for the Pharma Center Analytical Training Lab and the Mobile Training Program.

Wake Technical Community College (WTCC)/Capstone Center and STEM Bus Program - \$183,100

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.

Fund Source and Allocation Period: Funding is available from the FY 2013-2014 State General Fund appropriations for BioNetwork. The allocation time period is January 18, 2014 through June 30, 2014.

Contact Person:

Matthew Meyer

Associate Vice President for STEM Innovations