

STATE BOARD OF COMMUNITY COLLEGES

Allocations for BioNetwork Centers

Request: The State Board is asked to approve \$3,961,820 to be allocated to seven BioNetwork Centers' host colleges for the period of July 1, 2011 through June 30, 2012.

History of Allocations: The BioNetwork was created in 2003 with a grant from the Golden LEAF Foundation. Six centers of excellence (BioAgriculture, BioBusiness, BioEducation, BioProcessing, Capstone, and Pharmaceutical) were initially granted to host colleges. In FY 2005-06, the General Assembly agreed to fund BioNetwork on a recurring basis. In FY 2008-09, a seventh center, the National Center for Biotechnology Workforce, was added to BioNetwork. This center was originally a Department of Labor (DOL) 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 for Approving the Allocations: Each center submits a budget request to the BioNetwork Director towards the end of the previous fiscal year. This request must be appropriate and in alignment with BioNetwork's Strategic Plan and the centers' specific yearly goals. Upon State Board approval, all BioNetwork Centers will be required to adhere to the proposed budget requests and will need to acquire approval from the Director of BioNetwork and Life Science Initiatives for any changes during the fiscal year. A total of \$3,961,820 is recommended for allocation to the BioNetwork Centers.

Below is the list of recommended individual center budget allocations for FY 2011-2012:

Robeson Community College - \$300,000

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

The BioAg Center focuses on providing curriculum development and subject matter expertise to support the North Carolina 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 - \$306,400

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 four individuals: a Center Manager, an Education Coordinator, a BioNetwork Natural Products Testing Coordinator, and a Laboratory Technician.

Gaston College - \$583,900

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 - \$317,100

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 industries. The center is also involved in training community college faculty on new biotech-related courses, equipment, and protocols. The center employs three individuals: a Center Manager, a Curriculum Coordinator, and a Curriculum Design Specialist.

Forsyth Technical Community College (Forsyth Tech) - \$306,400

National Center for the Biotechnology Workforce (NCBW) [Russ Read, Executive Director; Dr. Gary Green, President]

The NCBW at Forsyth Tech was created in 2004 by a 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 bringing 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 – \$996,000**

(**BioNetwork Mobile Lab – \$80,000)

Capstone Center (Located at BTEC on NCSU's Centennial Campus) [Ana McClanahan, Senior Director; Dr. Stephen Scott, 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 current Good Manufacturing Practice (cGMP) facility. The center employs ten full-time employees: a Senior Director, an Aseptic Suite

Director, a BTEC Director, a Director of Mobile Launch Pad for Critical Careers, an Aseptic Lab Instructor, a Microbiology Instructor, a Microbiology Lab Technician, and three support staff.

Partnership between Forsyth Technical Community College (Forsyth Tech) and Guilford Technical Community College (GTCC)

Pharmaceutical Center - \$401,150 - GTCC Fiscal Agent
Analytic Training Lab - \$750,870 - GTCC Fiscal Agent
Pharmaceutical Center (Pharma Center) [Marick Lewis, Director; Dr. Gary Green, Forsyth Tech President; and Dr. Randy Parker, 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, an Education 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 expansion programs.

Colleges may not transfer or use funds provided through this allocation for any other purpose. Colleges may not use any of these funds to meet their management flexibility reduction or for any reversion (if required) unless specifically directed by System Office.

Funding Source and Allocation Period: Funding is available through FY 2011-2012 State General Fund appropriations for BioNetwork. The allocation period is July 1, 2011 – June 30, 2012.

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