

STATE BOARD RESERVE PROJECTS

The 1996 Session of the General Assembly amended G.S. 115-5 to clarify the use of the State Board Reserve Fund. The change in the statute requires the State Board to report semi-annually on the expenditures made from State Board Reserve funds. The specific language is as follows:

Chapter 18, House Bill 53, Section 17.7 (a) G.S. 115D is amended by adding a new subsection to read:

“(I) The State Board of Community Colleges shall use its Board Reserve Fund for feasibility studies, pilot projects, start-up of new programs, and innovative ideas. The State Board shall report to the joint Legislative Education Oversight committee on expenditures from the State Board Reserve Fund on January 15 and June 15 each year.”

In order to comply with the requirements of the amended statute, the following is presented for approval to be forwarded to the Legislative Education Oversight Committee:

NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
STATE BOARD RESERVE PROJECTS AWARDED
JULY 1, 1999 - DECEMBER 31, 1999

COMMUNITY COLLEGES	TYPE OF AWARD	PROJECT TITLE	APPROVAL DATE	PROJECT PURPOSE	BUDGET	EXPENDED YTD	UNEXPENDED BALANCE
Asheville-Buncombe	Pilot Project	Early Childhood Education	10/04/99	To provide a model environment, which provides accessible, high quality educational opportunities for children, families, students and the community.	\$30,000	\$0	\$30,000.00
Beaufort	Start-Up	Environmental Science Technology	07/19/99	To train technicians for employment in environmental testing/consulting and related positions.	50,000	29,340.43	20,659.57
Cape Fear	Special Provision	Southeastern NC Regional Fire Training Program	07/19/99	The State Board of Community Colleges, in consultation with Cape Fear CC, Brunswick CC, and Southeastern CC, shall use funds from the State Board Reserve in the amount of \$100,000 for the 1999-00 fiscal year for planning a Southeastern NC Regional Fire Training Program. Section 9.6.6, House Bill 168 of the 1999 Session of the North Carolina General Assembly.	100,000	0.00	100,000.00
Cape Fear	Start-Up	Information Systems Technology	07/19/99	To develop the capability of the college and enhance the number of course offerings in the community.	30,000	7,145.13	22,854.87
Carteret	Start-Up	Internet Technologies	10/20/99	To provide citizens of Carteret County the opportunity to become employed in the exciting and in-demand field of Internet Technologies.	20,854	6,820.35	14,033.65
Central Piedmont	Pilot Project	Charlotte Regional Construction Training Partnership	10/04/99	To build on the existing strengths and work of the Charlotte Regional Workforce Development Partnership jointly.	30,000	0.00	30,000.00

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Cleveland	Special Fire Training Program Provision		07/19/99	To fund Fire Training Programs during the 1999-00 fiscal year. Section 9.6.6, House Bill 168 of the 1999 Session of the North Carolina General Assembly.	\$10,000	\$0.00	\$10,000.00
Fayetteville	Innovativ Virtual Learning Community (System Level)		07/19/99	To develop and implement the Virtual Learning Community, an innovative approach to distance learning, which will benefit all colleges in the North Carolina Community College System.	126,041	19,302.90	106,738.10
Isothermal	Special Fire Training Program Provision		07/19/99	To fund Fire Training Programs during the 1999-00 fiscal year. Section 9.6.6, House Bill 168 of the 1999 Session of the North Carolina General Assembly.	10,000	0.00	10,000.00
Johnston	Pilot Project	Expanding Geographic Literacy Through Distance Education	10/04/99	To restructure the existing Geographic Information Science program for distance learning delivery.	30,000	0.00	30,000.00
Mitchell	Start-Up	Early Childhood/Teacher Assistan	10/20/99	To provide citizens of Iredell County the opportunity to secure an education for employment in the field of education.	49,650	0.00	49,650.00
Roanoke-Chowan	Special Rural Community College Assistan Provision		07/19/99	To assist small rural low-wealth community colleges with operation and maintenance of plant costs if they need to assist new or expanding industries in their service areas. Section 9.6.6, House Bill 168 of the 1999 Session of the North Carolina General Assembly.	100,000	0.00	100,000.00

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Sandhills	Start-Up	Internet Technologies	10/20/99	To provide the citizens of south-central North Carolina the opportunity to become employed in the exciting and in-demand field of Internet Technologies.	\$49,496	\$0.00	\$49,496.00
South Piedmont	Pilot Project	Information Technology Certification Ladder	10/04/99	To design a program that is taught as a series of related courses, beginning with an introduction of networking and proceeding to various vendor product certification.	30,000	0.00	30,000.00
Southwestern	Pilot Project	Electronic Commerce Curriculum Development and Training	10/04/99	To develop and implement a new extension education certificate program in Electronic Commerce, allowing businesses in the college's service area to compete in this new forum by	30,000	0.00	30,000.00
Vance-Granville	Pilot Project	Development and Implementation of Process Technician Course	10/04/99	To complete development of a 90-hour Occupational Extension Process Technician Course that will provide entry-level process technicians with the essential basic science, math and manufacturing technology skills needed for employment in the biotechnology manufacturing plants located in the college's	38,000	7,190.17	30,809.83
Wilkes	Start-up	Electronics Engineering	07/19/99	To allow for future economic development in the college service area.	50,000	2,258.34	47,741.66
NCCCS		MGT of America, Inc.	07/19/99	To continue the study of funding formulae and legislative issues mandated by the General Assembly and expanded by the State Board of Community Colleges.	75,000	14,842.76	60,157.24

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NCITE	Special Provision	North Carolina Industries for Technical Education	07/19/99	To recruit students to Community Colleges with Heavy Equipment and Transportation Technology Programs in an effort to revitalize those programs.	\$40,000	\$0.00	\$40,000.00
System Office Mini Grants Awarded to the following:							
Alamance CC	Fast Track	Study Skills/Test-Taking Workshop	10/05/99	Developmental Education Retention	\$2,000	\$1,713.74	\$286.26
Cape Fear CC	Fast Track	English 111 Bridge Course	10/05/99	Developmental Education Retention	3,600	0.00	3,600.00
Carteret CC	Fast Track	Technology Component for ACA 115	10/05/99	Developmental Education Retention	3,900	0.00	3,900.00
Catawba Valley C	Fast Track	Accelerated MAT 070/115	10/05/99	Developmental Education Retention	2,000	208.75	1,791.25
Central Carolina	Fast Track	Placement Assessment Study Sessions	10/05/99	Developmental Education Retention	2,500	0.00	2,500.00
Craven CC	Fast Track	Placement Testing Workshops	10/05/99	Developmental Education Retention	1,000	346.50	653.50
Davidson CC	Fast Track	Instructional Methodology Staff Development	10/05/99	Developmental Education Retention	4,300	0.00	4,300.00
Durham TCC	Fast Track	Learning Community for Evening Students	10/05/99	Developmental Education Retention	3,000	0.00	3,000.00
Gaston College	Fast Track	Supplemental Instruction	10/05/99	Developmental Education Retention	3,300	0.00	3,300.00
Gulfport TCC	Fast Track	Learning Communities	10/05/99	Developmental Education Retention	2,500	0.00	2,500.00

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Isothermal CC	Fast Track	Learning Community	10/05/99	Developmental Education Retention	\$3,300	\$0.00	\$3,300.00
Lenoir CC	Fast Track	Supplemental Instruction Pilot	10/05/99	Developmental Education Retention	1,500	0.00	1,500.00
Martin CC	Fast Track	Peer Mentoring Program	10/05/99	Developmental Education Retention	4,400	0.00	4,400.00
Mayland CC	Fast Track	Learning Community	10/05/99	Developmental Education Retention	3,000	0.00	3,000.00
Rockingham CC	Fast Track	Staff Development for Tutors & Adjunct Faculty	10/05/99	Developmental Education Retention	2,800	0.00	2,800.00
Sandhills CC	Fast Track	Invitational Advising Program	10/05/99	Developmental Education Retention	5,000	0.00	5,000.00
Southeastern CC	Fast Track	Supplemental Instruction	10/05/99	Developmental Education Retention	3,000	0.00	3,000.00
Stanly CC	Fast Track	Accelerated Classes/Supplemental Instruction	10/05/99	Developmental Education Retention	4,000	657.21	3,342.79
Surry CC	Fast Track	Learning Community	10/05/99	Developmental Education Retention	5,400	0.00	5,400.00
Vance-Granville	Fast Track	Learning Community for Allied Health	10/05/99	Developmental Education Retention	4,500	0.00	4,500.00
Host College (Undetermined)	Fast Track	To conduct a workshop in April, 2000 to discuss individual project outcomes.			10,000	0.00	10,000.00
TOTAL 99-00					\$974,041	\$89,826.28	\$884,214.72

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CARRYOVER FROM 98-99:

Cape Fear	Pilot Project	Construction Trades Preliminary Training	09/21/98	Provide initial skills training for at-risk high school students	\$15,615	\$15,030.65	\$584.35
Cape Fear	Start-Up	Culinary Technology	09/21/98	To purchase a point-of-sale computer inventory system, Culinary Institute of America Videos, buffet serving equipment, promotional materials and faculty travel expenses.	16,850	16,457.04	392.96
NCCCS		Student Leadership Institute	09/21/98	Provide an opportunity for select Community College students to receive vital leadership training.	32,433	19,052.25	13,380.75
NCCCS		SACS Distance Learning Project	04/16/99	Provide funding to cover the cost of the Distance Learning Substantive Change Statewide SACS (Southern Association of Colleges and Schools) Project.	7,016	5,534.35	1,481.65
TOTAL CARRYOVER					\$71,914	\$56,074.29	\$15,839.71

TOTAL STATE BOARD RESERVE FOR FISCAL YEAR 1999/00

\$1,045,955 \$145,900.57 \$900,054.43

STATE BOARD RESERVE FUND
1998-1999
Annual Report
Outcomes and Results

Asheville-Buncombe Community College

Medical Transcription, Start-Up, \$50,000

The program helped establish rapport with the medical transcription community and responded to needs identified in the feasibility study. It also provided for student cooperative work experience and student placement. Enrollment in the Medical Transcription program increased by 36% between 1998 and 1999. (Enrollment in 1998 was 28 students; 38 students in 1999.) Medical Transcription dialogue spawned a feasibility study for Medical Office Administration and improved articulation with the medical community.

Appalachian State University

A Proposal to Develop and Implement a Statewide Plan to Increase Minority Retention in NCCC, Feasibility/Pilot Project, \$14,206.73

Research showed that, in general, retention rates for both African-American and white students fall below national averages for community college retention. Research also showed that the retention rates for African-American students enrolled in NC community colleges are consistently below the retention rates for white students enrolled in NC community colleges. Recommendations were made to address the findings. The report will be distributed to appropriate system office staff for additional study.

Bladen Community College

The Bladen Center for Swine Management, Meat Processing, and Environmental Protection, Feasibility, \$50,000

Funds allowed for reinitiation of efforts to establish The Bladen Center for Swine Management, Meat Processing, and Environmental Protection. The Center is visualized as a joint effort utilizing the full resources of the North Carolina Community College System and the North Carolina Cooperative Extension Service to meet critical needs of our state in the area of animal and food science training. After an initial meeting to discuss establishment of the Center and to determine area educational and training needs, the need for a "Needs Assessment Survey" became apparent. The Center for Urban Affairs and Community Services was contracted to prepare an assessment instrument, including tasks such as the organizing of an advisory panel, assessing of current programs, surveying of industry/educational leaders, and conducting focus group meetings (plant managers, potential students, and industry/educational leaders). The final report, with recommendations, will be submitted to Bladen Community College by Dec. 1999.

Caldwell Community College and Technical Institute

The Career Center Planning and Development Project, Pilot Project, \$40,000

Funds were used for planning and development of The Caldwell County Career Center, which opened in August 1999 and provides services to both Caldwell Community College students and students from three area high schools. A Planning Team composed of thirty businesses and community and educational leaders identified four goals and eleven objectives to be achieved during the planning period. The four goals were to coordinate the daily development of The Career Center, to develop financial support, to provide community liaison services, and to cultivate the involvement of business and industry. The emphasis throughout the process has been on the alignment of

education with the needs of business and industry for continuous improvement of Caldwell County as a place to live and work. The Career Center will provide students with highly-trained faculty who will lead them into the world of carefully designed curriculum in one of four areas – Industrial Maintenance Technology, Furniture Manufacturing Technology, Building Trades Technology, or Business and Computer Technology.

Cape Fear Community College

Construction Trades Preliminary Training, Pilot Project, \$34,384.91

The Construction Trades Preliminary Training Project was established. The following training opportunities took place: 1) five masonry classes (12 students), with class attendance at the Masonry Association meeting; 2) a residential/commercial framing course, from which students were placed directly into employment; 3) a construction class to teach building restoration skills to homeless individuals (64 homeless individuals were enrolled with a second class in July [45 students]); and 4) a job fair. The program is ongoing with employer support.

Culinary Technology, Start-Up, \$32,449.98

The program is open to the general public once a week so that prospective employers of graduates can see first-hand that the facilities meet or exceed standards set by the American Culinary Federation and CAHM. The demand has far exceeded supply for culinary curriculum classes. There were two major discrepancies in budget spending. First, the high-priced computerized Micros point-of-sale system was not purchased due to the possible donation of a similar generic product from a local vendor. These funds were instead used to enhance the planned supply purchases. Second, travel was not as expected. Two out-of-state conferences were missed because they fell outside of the time constraints of the grant, and in-state travel was limited due to time constraints in the Lead Instructor's schedule. In retrospect, funds would have been set aside to hire a 20-hour per week lab tech to assist with purchases, receiving, inventory, tracking purchase orders, and accounting. It is also suggested that a Culinary Technology Development Guide be created.

College of the Albemarle

White Oak Training and Education Center, Pilot Project, \$49,999.50

Funds were spent on a year-long planning effort by the College of the Albemarle, government, business and community leaders in the three-county area – Chowan, Gates and Perquimans – to create a year-round, short-term vocational and technical training center for their residents. The proposed program, as envisioned by its planners, would complement and extend current regular and continuing education programs offered by COA at its main campus in Elizabeth City and the Chowan County Center/Edenton. Recommendations were made in a final report and were based on the advice and suggestions of business, education and government leaders mainly resident in the target area. However, others working in other parts of the state and nation who had expertise and a desire to contribute did so.

Davidson County Community College

AS-400 Educational Pursuits, Innovative, \$24,000

High quality education experiences were provided for selected computer faculty on the IBM AS/400 computer. IBM personnel taught the courses, and participants also attended several IBM conferences and workshops.

Durham Technical Community College

Implementation of Clinical Trials Research Associate Program, Start-Up, \$32,415.96

The program was successfully implemented in the 1998 fall semester with the enrollment of 24 students in the associate degree and level I certificate offerings and 24 students in the level II certificate class. Enrollment of the three Clinical Trials Research offerings for the fall 1999 semester increased to 92 students, with 15 on a waiting list. Funds enhanced program start-up by allowing the college to meet the immediate instructional needs of the program and to actually increase the use of computer technology for instructional delivery at a faster pace than originally anticipated. The college was able to purchase expensive references and journals for the library collection and additional computer technology. On-line delivery of CTR 110 Introduction to Clinical Research occurred in the fall 1999 semester. There is continuous overwhelming interest in the program from both potential students and the clinical research industry, and some job placement has occurred due to enrollment in the program. The program was formally recognized and endorsed by the Society of Clinical Research Associates and the Association of Clinical Research Professionals. Preliminary meetings have taken place with Campbell University's Department of Pharmacy to explore the feasibility of an articulation agreement with Campbell's baccalaureate program in clinical research.

Edgecombe Community College

A Model for Student Retention, Pilot Project, \$39,999.34

The grant expanded retention program to be a more broadly-based system involving faculty, advisors, and student support specialists on both campuses. Several initiatives were taken to increase student retention, such as the offering, by developmental staff, of extra credit incentives for scheduling a new student interview with the Retention Specialist. New student interviews increase awareness of student support services and develop rapport between students and the specialist. The number of new student meetings with the Retention Specialist increased from 30-40 in the 1997-98 year to 125-150 in the 1998-99 year. Communication was greatly increased between the specialist and students who withdrew, were on academic probation, or received grades of incomplete. To promote the retention effort campus-wide, a Retention Committee was established, and consisted of 11 faculty from a diversity of curriculum departments and 2 Student Services staff.

Forsyth Community College

Race Car Performance, Start-Up, \$49,649.90

SBRF Funds allowed the college to acquire equipment that goes beyond basics of the program. Additionally, supplies and materials were purchased for the instructors and students to build their own fixtures and jigs in the fabrication shop, which will prove valuable for students desiring to start their own businesses. The lead instructor was able to obtain valuable on-site training at an equipment manufacturer's plant, and a professional promotional video was developed. The video advertised the program on local cable TV during racing and automotive related programs. The program provided generic information so that students could branch out within the race industry and attracted students from all across the U.S. – including some with B.S. degrees in Mechanical or Automotive Engineering. The Milller Brewing Company Tools for Success program awarded tools and a toolchest (worth several thousand dollars) to two Race Car students in the first graduating class. A long relationship with the Tools for Success program is anticipated.

Halifax Community College

Pulp and Paper Technology, Start-Up, \$41,834.77

Funds were used to assist in implementation of the Pulp and Paper Technology program through the purchase of the following equipment: mini-mill lab digester with programmable temperature controller, refrigerator for lab supplies, standard sheet former, plumbing for hooking up equipment, drying rings and plates, ultra high torque stirrers, vacuum pump and heavy duty lab stand, two-speed blender, and standard disintegrator, 60 hz. In addition to this equipment, a Mullen Burst tester and a wood chip screener were donated to the college by Champion International. International Paper, Weyerhaeuser Corporation and Union Camp also donated equipment and supplies for program start-up.

Haywood Community College

The Wildfire Incident Command Training Simulator, Innovative, \$49,435.89

Over half of the funds were used to purchase new equipment that provides a more realistic and more educational wildfire simulation. The new system consists of a high-performance computer workstation, consisting of two Intergraph CPUs, specially written simulation software, and a stereoscopic projector capable of displaying 3-dimensional images of computer generated models of various landscapes and scenarios. The instructor needs only to type in simple commands to set parameters of the fire and to simulate the trainee's decisions, which allows the instructor to focus on assessment of the trainee's performance. Lightweight 3-D glasses allow trainees to actually perceive depth in images and to judge the slope of the simulated terrain – an important factor in predicting how fast a fire will spread. Trainees may also switch views, from several ground points to aerial views. The remainder of funds were spent on the coordinator's salary and travel expenses.

Isothermal Community College

Creating a Learning Centered College, Innovative, \$44,960.10

This project supported faculty training for the development of active learning activities in the classroom, collaborative learning activities outside the classroom as well as faculty and staff training in information technology. All full-time faculty members received cooperative learning training at the Fundamentals level, 18 more underwent advanced training, and ten have received Leadership training. The ten can conduct Fundamentals level training to colleagues across the state. A weeklong Workshop on Assessment-as-Learning was conducted for full-time faculty and selected administrators, and six additional assessment workshops have been scheduled.

James Sprunt Community College

A Portable Computer Laboratory, Innovative, \$41,733.22

The grant was to establish a portable computer lab using lap top computers to meet an immediate crucial need for high quality computer training at convenient sites throughout the rural service area. Twenty-two computers and appropriate software were purchased. The JSCC Portable Computer Laboratory was established. Nine courses have already made use of the labs.

Johnston Community College

Medical Sonography, Start-Up, \$34,985.11

The grant was to purchase computers, software and a multimedia unit to house simulated procedures performed by students prior to laboratory and clinical site work. Equipment and software were purchased.

Mitchell Community College

The Culture Exploration Institute, Innovative, \$37,940

The grant provided funds for six, two-day workshops for faculty, staff, students and community college representatives to learn important sociological lessons (social interaction and culture

variation). This project extended training conducted in 1993 to students through a series of five weekend institutes for a total of 111 participants. The program created a model approach of extending multicultural training to a diverse audience.

North Carolina Adult Education Association

A Distance Learning Design/Model for the NCCCS, \$34,996.22

The grant provided monies to design a distance learning course focusing on different technologies, primarily modem-based learning, Internet learning, and two-way interactive television to prepare adult educators, specifically community college instructors and administrators. Outcomes: Development of a planning/training document; a design model, a list of distance learning resources on the Internet, and marketing materials.

North Carolina Center for Applied Textile Technology

A Portable Computer Training Program, Pilot Project, \$14,973.08

The Portable Computer Training Program offered a cost-effective way to meet the needs of a large geographic service area. From January through June 1999, the Center provided 159 hours of on-site training to 94 students (school, teachers, textile and industrial works, office personnel). The Portable Computer Training Program has provided companies, organizations and individuals an inexpensive way to improve their technology skill base, cross inter-institutional boundaries, and build training partnerships. Additionally, the flexibility of this program alleviated many of the time and space limitations with on-site computer training.

North Carolina Community College Student Leadership Institute

NCCC Student Leadership Institute, Innovative, \$35,000.

Twenty-seven students representing 23 different community colleges learned the many facets of leadership through a variety of workshops, speaker presentations and activities. They gained knowledge in time management, critical thinking, world ethics and relations, how to deal with difficult people, marketing, etiquette and dress, character, parliamentary procedures, proper communication and other leadership skills. The Meyers-Briggs taught them to look beyond their own cultures and worldviews. The project resulted in leadership journals and group projects that can be used on any community college campus. These "projects-in-a-can" included: (1) Health Awareness; (2) Enhancing Volunteerism; (3) Enhancing Social and Educational Experiences; and (4) Tools to Promote Better Communication Among Administrators, Faculty/Staff and Students.

Pitt Community College

Manufacturing Safety Awareness Course, Pilot Project. \$15,200

This program was developed at the request of the System Office. Pitt Community College developed a high-performance Manufacturing Safety Awareness Course, including training videos and marketing materials. These materials will be used statewide. The course was a six- hour Awareness Training program.

Randolph Community College

Center for Adults with Learning Disabilities, Pilot Project, \$10,201.76

Funds were used to hire a consultant to accomplish the following: 1) To conduct research on the needs of local Learning Disabled students; 2) To conduct research on the needs of local community college faculty; 3) To find the latest research on Adults with Learning Disabilities. This information was used to prepare a proposal, submitted to the Kate B. Renyolds Foundation, entitled *Assistive Technology Center for Adults with Cognitive Disorders*.

Rockingham Community College

Respiratory Care, Start-Up, \$50,000

Start up funds made possible advertising, marketing and recruiting of qualified candidates for faculty positions. The software purchased to develop brochures can be used in the future. Higher quality and quantity of equipment was made possible by the grant as well as an increase in lab practice prior to clinical experience. Funding helped secure journal books and collaborative partner school needs (GTCC and ACC). Results of the program included a successful collaboration with GTCC and ACC; RCT journals and books to libraries; visits, brochures. The merged spring entry and summer entry groups began fall semester together as Class #1. Program Director attended a two-day PBL workshop, has researched and obtained Case Based Learning Book for Respiratory Therapy and has integrated Problem Based Learning into the fall semester. Initial 24 hours admissions reduced to 12 hours (4 hours minimum in each area: Pediatrics, Geriatrics, Respiratory Care). Very effective in screening applicants with a 20% attrition. Clinical site information tools to better partner student with site completed. Well-defined collaborate clinical objectives completed.

Southwestern Community College

Western North Carolina Speech-Language Pathology Assistant, Start-Up, \$11,438.52

Start-up funds provided basic instructional equipment and curricula support materials (videotapes, video camera, screening and testing kits, source books, therapy materials, anatomical models, switches and types of Augmentative Communication Devices, computer program and printer). Funds were also used to establish the program office and travel resources for "benchmarking" site visits and visits related to establishing fieldwork placements for students.

Vance-Granville Community College

Biotechnology Training Initiative, \$38,000.

This project helped support the Joint Initiative of the NC Biotechnology Center, the NC Community College System and Vance-Granville Community College to develop training for entry-level process technicians in chemical, pharmaceutical, and bioprocess manufacturing. Biotech industry-based profiles were completed for the entry-level process technician positions for the following: chemical manufacturing, pharmaceutical manufacturing, bioprocess manufacturing. Funding provided the development of lab exercises for the Process Technician Course, which were completed. These activities support the design and development of this 96-hour course, which will be piloted at Vance-Granville CC. (The NC Biotechnology Center will write and publish the text for the course.) It will be taught in a classroom/laboratory facility being partially built with funding from Novo Nordisk Biochem North America in Franklinton, NC.