

Research A&T

DIVISION OF RESEARCH & ECONOMIC DEVELOPMENT
NORTH CAROLINA A&T STATE UNIVERSITY
EDWARD B. FORT INTERDISCIPLINARY RESEARCH CENTER

EDITOR'S NOTE:

*This is the first in a series of stories featuring
University approved Centers.*

Time To Trade...

From mainland China to rural North Carolina, the International Trade Center at North Carolina A & T State University is bridging the global gap by connecting North Carolina farmers to international markets— most recently including China.

The possibilities are endless for the rural farmers of North Carolina now that China has become a part of the World Trade Organization (WTO). “We now have access to China’s market,” says Dr. Osei Yeboah, Director of the International Trade Center and assistant professor in the Department of Agribusiness, Applied Economics and Agriscience Education, “which allows North Carolina’s commodity value to increase because of international trade.”

The Center’s primary mission is to help small farmers take advantage of international trade,” says Dr. Yeboah. The Center began its quest for growth in international trade in 1993. It focuses on stimulating economic development and international trade by emphasizing several points— developing educational programs to enable farmers and processors to produce a broader range of products to boost local economic performance, recognizing alternate markets, increasing the understanding of domestic economies, global markets and agriculture. The International Trade Center also emphasizes understanding the factors that influence competitiveness, trade policies, regulations and world economic and political trends affecting trade education. It also creates programs that enhance entrepreneurial skills, creates jobs and diversifies the North Carolina rural communities. (Cont’d page 3)



“Our main mission is to help small farmers take advantage of international trade,” said Dr. Osei Yeboah, Director of the International Trade Center.



UPCOMING EVENTS

“Review Panels”

Sponsored By: Office of Research Services
February 20, 2007
12:00—1:00 p.m.
Fort IRC, Room 410

The Office of Research Services will visit the Department of Manufacturing Systems in the School of Technology on February 2, 2007 at 10:30 a.m. to discuss finding funding opportunities and how to organize and write grant proposals.

For more information call: 334-7995



COMPLIANCE NEWS

NUTS & BOLTS CLASSES

Each month, Compliance Officer Donna Eaton offers "Nuts and Bolts" classes to familiarize researchers with compliance policies. Most recently Eaton conducted a class on understanding protocols to assist undergraduate and graduate students who are taking classes that require action research. "Action research is developing a protocol and then carrying out the actual protocol," stated Eaton. Faculty who are considering the use of human subjects for survey, pre and/or post testing and are writing proposals also benefit from attending this class.

The "Nuts and Bolts" classes goes into detail about the different criteria on the protocol application, as well as discussing the different methods of how to obtain consent. "Another important topic covered is the implications for working with vulnerable populations such as children or minors," Eaton explained.

"Nuts and Bolts" classes are held every other week. Contact the Compliance office (334-7995) for exact dates and times.



COMMITTEE NEWS

Bio Safety Committee

The Bio Safety Committee has completed a new

policy on the use of select agents in research at North Carolina A & T State University. The purpose of this policy is to make sure that Select Agents used in research are properly transferred, registered, approved, handled in a safe and secure manner, and that they meet the regulations of the Department of Health and Human Services, Centers for Disease Control and Prevention, the United States Department of Agriculture, and the Animal Plant Health Inspection Service (APHIS).

Student IRB Formed

Each year the Institutional Review Board (IRB), reviews a large number of protocols submitted by students. On January 1, 2007 a new subcommittee was started to specifically handle student protocols. The Student IRB (SIRB) was created to review student application/protocols for human subject research efficiently. One of the benefits of this subcommittee is that it helps acclimate students to the research process. An educational format is used to give advice and assist students in developing protocols and research procedures.

Students may submit their protocols by completing the IRB application and emailing it to a ggiesirb@gmail.com

Original signatures are still required and must be submitted to the Compliance Office in the Division of Research and Economic Development. For more information on the SIRB website or the submission procedures, contact Donna Eaton.



Donna Eaton sits with Dr. Chi Anyansi Archibong at a recent Research and Ethics course.

AWARDS RECEIVED

As of December 21, 2006
120 proposals had been awarded for a total of \$23,714,813 in sponsored funding.



Sponsored Programs Notes

* Ten notices of intent have been received from faculty who will submit proposals to the 1890 Institution Teaching and Research Capacity Building Grants Program, sponsored by the U.S. Department of Agriculture (USDA)/ Cooperative State Research, Education, and Extension Service

(CSREES). The deadline for submissions is February 28, 2007.

* Beginning on February 5, 2007 the National Institutes of Health (NIH) will require applicants to submit all Research Project Grant R01 applications electronically-no paper applications will

be accepted.

PIs are asked to pay careful attention to the new NIH policy and to send proposals to the Office of Sponsored Programs as early as possible. The changes are new to everyone and adequate time is needed to make sure deadlines are made.



New faculty members, Luba Kurkalova and Noreen Hannon, listen attentively to Dr. Scott Simkins, during the Division of Research & Economic Development's New Faculty Orientation held January 18, 2007.

Time to trade... Cont'd from page 1

In addition to striving to improve the plight of small North Carolina farmers the International Trade Center also conducts research on trade agreements including, the North American Free Trade Agreement (NAFTA) and the Central American Free Trade Agreement (CAFTA). The Center researches

how both agreements affect North Carolina manufacturers.

NCA&T is the only land grant historically black college or university with an International Trade Center.



Fresh Ideas for OTT...

Office of Outreach and Technology Transfer

When did the future of inventions begin to rest in the hands of students? The Department of Outreach and Technology Transfer (OTT) has hired two A&T students, Kiara Walters and Olajimi (Jimi) Amos, as Interns to collaborate with Louis Judge III, fellow Licensing Associate and team leader, in the process of introducing inventions to the marketplace. OTT identifies potential technology and provides technological assessment services to inventors.

Kiara Walters became employed, as an Intern in the Outreach and Technology Transfer Office during a summer internship program. The department was so pleased with her work they asked her to continue through the fall semester. However, working on campus and academics are not her only focuses. Walters is also an active member of the American Marketing Association, Honors Program, and two Honor

Societies. Yet, she feels that the work she does for Outreach and Technology Transfer is important enough to continue to balance her schedule. "This job builds the foundation for what I want to do in the future," Walters says, "This

is very hands-on and gives me the opportunity to show how much I know and have learned." Walters unquestionably has the chance to show her knowledge base. "She is a good, hard worker" says team leader and fellow Licensing Associate, Louis Judge, III, "when I ask her to do something I know it's done...she is reliable and creative...a great multi-tasker..." Walters' responsibilities include organizing technology files, reading

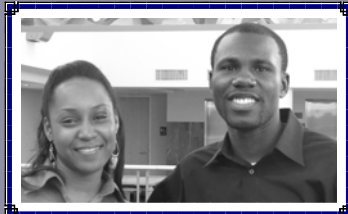
and understanding the inventor's material, interviewing inventors, conducting initial searches for relevant information, completing assessments pertaining to getting the product into the market, and taking a lead role in training

the new addition to the Outreach and Technology Transfer Office who Walters says, "is very eager to learn."

Jimi Amos, also an Intern, is a junior double majoring in Industrial Engineering and Economics. Amos has been absorbing an abundance of information over the past few months from Walters. Walters and Amos have been putting their ideas together to complete given tasks. "They work well together," says Judge, "they

are both team players." Although Amos is still feeling his way through this new experience, he is concurrently responsible for conducting interviews with the inventors to gain clarity on their inventions, setting up meetings, and making presentations to different classes about the department. He is appreciative of all of the responsibilities that have been entrusted to him. "It gives me office experience and exposure to the business of Technology Transfer."

Amos' next intended step is to the University of Pennsylvania to receive his Masters from the Wharton School of Business. And even though Walters isn't quite sure if she wants to go to graduate school, or straight into the work world-she feels that working in the Outreach and Technology Transfer Office will benefit her no matter where her career search takes her.



Outreach and Technology Transfer students, Kiara Walters and Jimi Amos

RESEARCH
A&T
Issue 2 Vol. 1
Feb. 2007



Research A&T is published by
The Division of Research &
Economic Development
North Carolina A&T State University
1601 E. Market Street
Greensboro, NC 27411
(336) 334-7995
(336) 334-7086 (Fax)
<http://www.ncat.edu/~divofres/>



N. Radhakrishnan,
Vice Chancellor for Research &
Economic Development

Editor

Shena L. Crittendon
Assistant Vice Chancellor for
Communications & Operations

Contributing Writers
Whitney J.G. Code
Student Assistant

Terrisine Spicer
Student Assistant

Contributing Photographer
Whitney J. G. Code

Layout & Design
Whitney J. G. Code

Terrisine Spicer

Shena L. Crittendon

Bernetta Hill
Office Applications Specialist

Research Services announcements...cont'd from page

Manufacturing; Mining; Public and Private Services; Trade; and Transportation, Warehousing & Utilities. NIOSH Cross-Sector Programs: Authoritative Recommendations Development; Cancer, Reproductive, Cardiovascular, Neurological & Renal Diseases; Communications & Information Dissemination; Emergency Preparedness/Response; Global Collaborations; Health Hazard Evaluation (HHE); Hearing Loss Prevention; Immune/Dermal/Infectious Diseases; Musculoskeletal Disorders; Personal Protective Technology; Radiation Dose Reconstruction; Respiratory

Diseases; Training Grants; Traumatic Injury; and Work Organization & Stress-Related Disorders. NIOSH Coordinated Emphasis Areas: Economics; Exposure Assessment; Engineering Controls; Occupational Health Disparities; Small Business Assistance and Outreach; Surveillance; and Worklife Initiative. A project period of up to two years and a budget for direct costs are limited to \$275,000 over the two-year period, with no more than \$200,000 in direct costs allowed in any single year. Commensurate Facilities and Administrative (F&A) costs are allowed.



Division of Research &
Economic Development
North Carolina A&T State Univ.
1601 E. Market Street
Greensboro, NC 27411