



ENVIRONNEWS®

Waste Management Institute

NORTH CAROLINA AGRICULTURAL & TECHNICAL STATE UNIVERSITY

VOLUME 11 NO. 11 • SUMMER 2006

INTERDISCIPLINARY ACADEMIC UNITS

- ANIMAL SCIENCES
- AGRICULTURAL EDUCATION
- AGRICULTURAL ECONOMICS
- ARCHITECTURAL ENGINEERING
- BIOLOGY
- BIOENVIRONMENTAL ENGINEERING
- BUSINESS ADMINISTRATION
- CHEMICAL ENGINEERING
- CHEMISTRY
- CIVIL ENGINEERING
- COMPUTER SCIENCE
- JOURNALISM AND MASS COMMUNICATIONS
- CONSTRUCTION MANAGEMENT & SAFETY
- CURRICULUM & INSTRUCTION
- ECONOMICS
- ELECTRICAL ENGINEERING
- HISTORY
- HUMAN ENVIRONMENT & FAMILY SCIENCE
- INDUSTRIAL ENGINEERING
- MATHEMATICS
- MECHANICAL ENGINEERING
- NURSING
- NATURAL RESOURCES & ENVIRONMENTAL DESIGN
- PHYSICS
- POLITICAL SCIENCE
- PSYCHOLOGY
- SOCIOLOGY/SOCIAL WORK

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Associate Vice Chancellor

JANICE BREWINGTON
Interim Provost

DR. LLOYD HACKLEY
Interim Chancellor

Interdisciplinary Waste Management Institute

Funded by DOE-SRS and Title III

Senior Administrators Appointed at A&T



Dr. Lloyd V. Hackley, Chancellor Emeritus of Fayetteville State University has been named

Interim Chancellor of A&T effective June 1, 2006. Dr. Hackley was former president of the North Carolina Community College system.



Dr. Janice Brewington has been appointed Interim Provost and Vice Chancellor for Academic Affairs effective May 1,

2006. Dr. Brewington served as Associate Vice Chancellor for Academic Affairs-Institutional Planning Assessment and Research at A&T.



Dr. Godfrey Uzochukwu

The Waste Management Institute (WMI) Revamps Certificate Programs

The WMI has revamped the Waste Management Certificate Programs by implementing two capstone seminars for undergraduate (WMI 333) and graduate (WMI 747) students. The seminars, course work, essay, 101 environmental questions creative project and completion of degree requirements are required to receive the Waste Management Certificate. The WMI Certificate highlights the training of A&T students in environmental security/waste management issues and complements the undergraduate and graduate training.



Terry Brown

O'Brien & Gere Announces Partnership at WMI Ceremony

O'Brien & Gere has selected the Waste Management Institute of North Carolina A&T State University as a partner to help advance diversity within O'Brien organization. The announcement was made by O'Brien and Gere's CEO Terry Brown at the Waste Management Certificate Ceremony. The partnership includes two \$5000 scholarships, two internships and guest lectures. "This is a mutually beneficial alliance" said Terry Brown.



REUSE REDUCE RECYCLE



Graduating Seniors and Graduate Students Receive Waste Management Certificates

Eighty five (85) graduating seniors (BA/BS) received the Waste Management Certificate in December 2005 and May 2006 at special ceremonies. The graduating seniors completed the required WMI course work, essay, capstone seminar, 101 environmental questions and creative project. Stefanie Taylor was the May 2006 creative project winner. The title of her project was "The Impact of Junk Yard on Animal Health". She received \$300. Additionally, Nineteen (19) graduate students (MS) received the Advanced Waste Management Certificate in December 2005 and May 2006 at special ceremonies. The advanced certificate recipients completed the required advanced course work, advanced waste management capstone seminar and

advanced creative project. The advanced creative project winner for May 2006 was Renay V. Wyk. She received \$400. The title of her project was "Promoting Environmental Impact of Using Ecological Sanitation Options". The Waste Management Certificate highlights the training of students in environmental security and waste management issues. The certificate complements the undergraduate and graduate training at North Carolina A&T State University. The keynote address for May 2006 Ceremony was delivered by Secretary William G. Ross, North Carolina Department of Environment and Natural Resources.



Secretary William G. Ross



Provost Janice Brewington



Dr. Godfrey Uzochukwu and Aisha Ibrahim



Dr. Kenneth Murray and Stefanie Lynn Taylor

Daren Bailey Arrington	Political Science
Omar H. Bailey	Public Relations
Jeremy Christopher Bates	Industrial Engineering
Joseph Alan Blackwell	Biology
Shemkia Denise Brown	Psychology
April R. Bowens	Biology
Jonathan C. Burroughs	Industrial Engineering
Delisha Lashon Council	Occupational Safety and Health
Alicia Nichole George	Political Science
Deidre E. Gill	Architectural Engineering
Carlos Godwin	Industrial Engineering
Darius Guy	Industrial Engineering
Crystal Renee Hartsfield	Biology
Chanel M. Helper	Industrial Engineering
Brian Scott Hockett	Agricultural & Biosystems Engineering
Maria L. Hooker	Industrial Engineering
Melody D. Jackson	Industrial Engineering
Michael Keith Jones	Business Management
Tia Janae Kennedy	Biology
LaShanda Elaine Lee	Industrial Engineering
Andre' Bryan Martin	Industrial Engineering
Camillia Latrice Martin	Biology
Jacqueline Yvonne Mbah	Nursing
Tyrone Shamone Michael	Industrial Engineering
Jessica L. Middleton	Psychology
Sheridan Diane Mosley	Nursing
Aaron Christopher Murphy	Earth and Environmental Science
Idea Sunday Nod	Political Science
Eric R. Pittman	Industrial Engineering

Chiquita Hebron Platt	Biology
Nathan G. Roberts III	Environmental Earth Science
Charles Henry Ross, Jr.	Political Science
Anjeanette Roseroot	Industrial Engineering
David Maurice Seed	Bioenvironmental Engineering
Pamela Meadows Simington	Nursing
Elizabeth M. Sligh	Industrial Engineering
Michael O'Neal Smith	Industrial Engineering
Nakenia Sherelle Spruill	Political Science
Leonard Washington	Industrial Engineering
Priamos V. Williams	Marketing
Ronald E. Wilson	Industrial Engineering
Christopher C. Watson	Biology
Brian Withrow	Political Science
Jillian Colie Barnes	Political Science
Lakennya M. Davis	Animal Industry
Shurrita Shurdine Davis	Biology
Jermaine Adams Dennis	OSHA
Vitas Lorenzo Hawley	Animal Industry
Crystal Lorraine Hilton	Agricultural Education
Aisha Ibrahim	Nursing
Ezra Duvall Jones	Professional English
Kristin Cummings King	Animal Science
Christopher Maurice Latta	Business Management
Johnnie James Lemon III	Business Management
Kharma J. Lundy	Laboratory Animal Science
Michele Denise Mallette	Earth & Environmental Sciences
Janie McClurkin	Bio-Environmental Engineering
Tamecia Cherica McLean	Criminal Justice

Matthew Anwar Mickens	Earth & Environmental Sciences
Brandalyn L. Price	Animal Science
Timothy A. Raines	Biology
Ishmail Abdus-Saboor	Animal Science
Brittani Amber Smith	Biology
Claudine Alicia Smith	Political Science
Tamera Ann Smith	Lab Animal Science
Tiffany C. Smith	BioEnvironmental Engineering
Johnathan L. Snead	Animal Science
Jason Christopher Spruell	Agriculture Education
Richard Stever	BioEnvironmental Engineering
Deatril Renee Sullivan	Laboratory Animal Science
Courtney Danielle Talley	Laboratory Animal Science
Stefanie Lynn Taylor	Laboratory Animal Science
Kurt Taylor	Earth and Environmental Science
Lynn D. Taylor	Laboratory Animal Science
Oliver Thomas	Political Science
David T. Totten	ECT
Juan Endre' Vaughan II	Chemical Engineering
Monique Renee' Wall	Occupational Safety & Health
Shaquan Denise Whitehead	Business Education
Marissa D. Wilkes	Political Science
Bryant Williams	Biology
Kirby Denise Wilson	Sociology
Adrienne Winn	Laboratory Animal Science
Taiysha Wright	Animal Science
Jesica Blaire Woody	Marketing

Advanced Waste Management Certificate Recipients



Dr. Kenneth Murray

Taril Monica Gravely
Odette Alexander
Sekou Coulibaly
Frank Mawuli Amenya
Elaina M. McGhee
Edem Gerard Tetteh
Brian T. Nichols
Richard W. Gardner
Nana Poku S. Oppong-Agyare
Cynthia Bradley Bryant

Agricultural Education
Animal Health
Civil Engineering
Civil & Environmental Engineering
Industrial Engineering
Industrial Engineering
Manufacturing Systems
Plant Soil and Environmental Science
Plant Soil & Environmental Science
Civil Engineering

Kimina Irene Chisolm
Eze Ifeyinwa Faith
Angela Janelle Faulkner
Dean Andrew Forbes
Thomasina Faucette Hayes
Tarraca J. Jackson
Crystal O. Moore
Eloh Njikam
Tom Tse

Civil Engineering
Civil & Environmental Engineering
Occupational Safety & Health
Plant Soil & Environmental Science
Occupational Safety & Health
Animal Health
Civil Engineering
Plant Soil & Environmental Science
Food Science

WMI Partnerships with Agencies

Savannah River Site (SRS), Department of Energy

On September 12, 1994, the United States Department of Energy's Savannah River Office (USDOE-SR) and North Carolina A&T State University Entered into a partnership to develop an interdisciplinary Waste Management Institute (WMI) with a \$1.4 million grant. The WMI was approved in June 1994 by the General Administration of the University of North Carolina. The SRS recently awarded a five year grant in the amount of \$615,000 for enhancement of WMI infrastructure.

Interdisciplinary WMI Scholarship Recipients

(GPA: 3.00-4.00) Dept. of Energy – Savannah River Site

Acquah, Maud M.	Nursing	Junior	\$1,700
Chapman, Bionca	Nursing	Junior	\$1,000
Darku, Peace	Nursing	Junior	\$1,000
Faucette, Thomasina	OSHA	Graduate	\$1,000
Faulkner, Angela J.	OSHA	Graduate	\$1,700
Forbes, Dean A.	Plant & Soil Science	Graduate	\$1,000
Freeman, Candice	Plant & Soil Science	Graduate	\$2,000
Galloway, Linda	Chemical Engineering & Chemistry	Junior	\$1,000
Gardner, Richard Wayne	Plant, Soil & Environmental Science	Graduate	\$1,000
Gomez, Furmose J.	Civil Engineering	Graduate	\$1,000
Hudson, Stephan	Electronics/Computer	Junior	\$700
Hart, Lauren	Civil Engineering	Senior	\$1,000
Ibrahim Aisha	Nursing	Senior	\$700
Lutterodt, Henry	Agriculture. Economics	Graduate	\$1,000
Mallete, Michelle	Earth & Environmental Science	Senior	\$700
McQueen, Shameerah	Elementary Ed.	Junior	\$1,000
Moore, Crystal	Civil Engineering	Graduate	\$1,000
Morehead, Vincent	Chemical Engineer	Junior	\$700
Njikam, Eloh	Plant, Soil & Environmental Science	Graduate	\$1,000
Norde, Eugenia	Nursing	Junior	\$1,000
Oppong-Agyare, Solomon	Plant & Soil Science	Graduate	\$1,700
Paul, Evan M.	Chemical Engineering	Sophomore	\$1,700
Poole, Tiffany	Industrial Technology	Graduate	\$1,000
Raines, Timothy	Biology	Senior	\$700
Rucker, Mayumi	Architectural Engineering	Junior	\$1,000
Taylor, Kurt	Earth & Environmental	Senior	\$700
Solomon, Victoria D	Elementary Education	Junior	\$1,000
Sowu, Ginette D	OSHA	Junior	\$1,000
Taylor, Kurt O.	Earth & Environmental Science	Senior	\$1,000
Totten, David	Electronics	Senior	\$1,700
Tse, Tom	Food Science	Graduate	\$1,700
Umezulike, Chimaka	Earth & Environmental Science	Sophomore	\$2,700
Victor, Timothy	Energy & Environmental	Graduate-PhD	\$2,200
Wall, Monique	OSH/ECT	Senior	\$700
West, Michelda	Nursing	Junior	\$1,700
Williams, Ryan	Earth & Environmental Science	Sophomore	\$700
Wilson, Kirby	Sociology	Senior	\$700
Woody, Jessica	Marketing	Senior	\$700
Wright, Kimberly	Nursing	Junior	\$700

O'Brien & Gere

Scholarship:

Recommended WMI Student of Junior/Senior Year Standing

\$5,000 Scholarship for 2006-07 Academic Calendar
\$2,500 for 2006 Fall Semester

\$2,500 for 2007 Spring Semester

Scholarship Continuation for Senior Year for Same Student contingent on meeting criteria
\$2,500 for 2007 Fall Semester

\$2,500 for 2008 Spring Semester

Consider a second Junior/Senior Scholarship for the 2007 Fall Semester, contingent on success of first scholarship effort

2006 USEPA Summer Interns

Anthony Allen Kevin Lloyd Kimberly Sawyer
Angela Edwards Kyunda McKnight
Faith Eze Lisa Means

Environmental Career Paths for Graduates Who Received the WMI Certificate

MAJOR	CAREER PATH
Education Majors	Environmental Education
Business Majors	Environmental Business
Economics Majors	Environmental Economics
Biology Majors	Environmental Biology
Chemistry Majors	Environmental Chemistry
Engineering Majors	Environmental Engineering
Journalism	Environmental Journalism
Communication	Environmental Communication
Political Science Majors	Environmental Policy/Politics
Psychology Majors	Environmental Psychology
Sociology Majors	Environmental Sociology
Nursing Majors	Environmental Health/Occupational Safety
Construction Mgmt Majors	Environmental Safety
OSHA Majors	Environmental Safety
Mathematics Majors	Environmental Mathematics/Statistics
Physics Majors	Environmental Physics
Animal Science Majors	Environmental Health and Science
Landscape Architecture	Majors - Environmental Design
Other Science Majors	Environmental Science/Consultant

National Ground Water Association (NGWA)

The National Ground Water Association (NGWA) supported of 11 WMI students and 3 faculty with scholarships available to attend NGWA Conference on Remediation, Site Closure and the Total Cost of Cleanup on November 7-8, 2005, in Houston Texas. The scholarships (estimated at \$17,000) covered registration fees, airfare, hotel, and meals. The following students and faculty attended the conference:

NAME	MAJOR
Juanita Scott	Environmental Science
Charla Gaskins	Environmental Studies
Dean Forbes	Environmental Science
Furmore Gomez	Civil Engineering
Angela Faulkner	Occupational Safety
Shameerah McQueen	Education
Mayumi Rucker	Architectural Engineering
Evan Paul	Chemical Engineering
Victoria Solomon	Education
Michael William-Pearson	Environmental Science
Bionca Chapman	Nursing

WMI Program Committee

Dr. Samuel Moseley -College of Arts & Sciences
 Dr. Vereda King – School of Business & Economics
 Dr. Tracy Hanner – School of Agricultural & Environmental Sciences
 Dr. Valmi Sousa – School of Nursing
 Ron Bailey – College of Engineering
 Ayanna Boyd-Williams – School of Graduate Studies
 Dr. Ereka Williams – School of Education
 Dr. Linda Callahan – College of Arts & Sciences
 Dr. Derrek Dunn – School of Technology
 Dr. Shona Morgan – School of Business and Economics
 Dr. Godfrey Uzochukwu – Waste Management Institute (Ex-officio)
 Dr. Stephanie Luster-Teasley – College of Engineering
 Cheryl Bowers – Program Assistant, Waste Management Institute

A&T VISION

North Carolina Agricultural and Technical State University is a learner-centered community that develops and preserves intellectual capital through interdisciplinary learning, discovery, engagement, and operational excellence.

WMI Mission

- Enhance awareness and understanding of waste problems and their management in our society, and develop programs to improve the quality of life and protect the environment.

Editorial Committee:

Dr. Godfrey Uzochukwu
 Professor & Director of WMI
Nettie Rowland
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 are suitable for inclusion in the
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 summary of your ideas to:

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North Carolina A&T
 State University is a
 land-grant doctoral/research
 intensive institution and
 AA/EEO employer.

Waste Management Educational Outreach Projects

Pre-College Workshop on Environmental Technology and Waste Management

The above workshop was conducted for two hundred (200) high school juniors and seniors and teachers in Agriculture, Business and Engineering at NC A&T on June 20, 21, and 22, 2005. The theme of the workshop was "Environmental Technology and Waste Management."

Interdisciplinary Environmental and Waste Management Guest Lectures

Jerry Stubberfield, US EPA, RTP, NC
 Laura Mckelvey, US, EPA, RTP, NC
 Sara Terry, US EPA, RTP, NC
 Lula Melton, USEPA, RTP, NC
 Michael Reiter, PhD, Delaware State, DE
 Swiatoslav Kaczmar, PhD, O'Brien & Gere, Syracuse, NY
 Parikhit Sinha, PhD, O'Brien & Gere, Syracuse, NY
 Steve Boland & Marvin Richardson, O'Brien & Gere, Syracuse, NY
 Phyllis Wright, USEPA, RTP, NC

Noteworthy

Graduates of the WMI certificate program are well rounded and prepared to wear more than one "hat" in the workplace. Students: gain extra knowledge in waste management; are exposed to waste management topics in lectures, laboratories, seminars and projects; collaborate in waste management activities and are well prepared to actively participate in community environmental problem solving.

Global Climate Change Commission

Dr. Godfrey Uzochukwu, director of the Interdisciplinary Waste Management Institute at North Carolina A&T State University, has been appointed to the North Carolina Commission on Global Climate Change. The 34 member commission studies issues related to global climate change and its potential effects on the state.