WE ARE CELEBRATING the 20th anniversary of the Interdisciplinary Waste Management Institute WMI, with pride. The WMI was approved on June 8, 1994. We are celebrating because of the culmination of interdisciplinary efforts of many academic and administrative units within the University. These units have combined their talents and abilities to make the WMI a national and global model institute for environmental/waste management education and outreach.

A June 2014 article in the News & Record about Toxic Waste Dumps in North Carolina is a reminder that waste is not going away soon and must be managed. The mission of the WMI is to enhance awareness and understanding of waste problems and develop solutions for improving the quality of health and protecting the environment. We are training the best students who are entering the workforce and performing very well.

We are engaged in a succession and sustainability planning for the next 20 years. We welcome creative and innovative ideas that are suitable for inclusion in the succession and sustainability document.
1994-2014 Highlights (20 Years)

Grants and Contracts Received $6,557,999
Current Number of students who are affiliated with the WMI 1,231
Number of undergraduate certificates awarded (7 schools and colleges) 1,662
Number of advanced certificates awarded (5 schools and colleges) 192
Number of precollege STEM Environmental Security Participants 629
Number of active collaborating faculty 17
Number of active collaborating agency partners 9
National environmental conferences hosted (4) $155,000
Faculty support $33,191
Amount of scholarship awarded to students (7 schools and colleges) $384,650
Agriculture and Environmental Sciences $121,350
Arts and Sciences $3,700
Business & Economics $10,550
Education $3,700
Engineering $163,600
Nursing $29,500
Technology $18,800

WMI Certificates Awarded (Schools/Colleges (1995 – 2013)
Agriculture and Environmental Sciences 464
Arts & Sciences 282
Business & Economics 76
Education 6
Engineering 682
Nursing 199
Technology 145
Total 1,854

Student Testimonials

“I interviewed with the National Nuclear Security Administration (in the Department of Energy) to work as a summer intern at their plant research facility for the 2014 summer. They told me I had a very strong resume and they were excited to ask questions about my educational program. They were especially interested in the waste management certificate that I would be receiving this May upon graduation and asked what the program consisted of and what my favorite parts were. I told them that the purpose of the program is to expose students (from all educational backgrounds) to the importance of waste management and show them how their specific majors can impact the environment. I also told them that my two favorite classes were the Waste Management Capstone and my Intro to Environmental Engineering lecture/lab…” Sydney Noell

“…I was with EPA for 1 yr, thanks to you…” Melinda

“…Just wanted to let you know the my internship is going well. Im doing a lot of waste management…” Stephen Johnson

“…My boss said the reason I got the job was because he saw I had taken your class in your waste management program…” S. Ingram

“…A few weeks ago, I received a phone call from a company in Kinston, NC that I had submitted a resume to some time back, telling me that they would like for me to come to the company for an interview. I proceeded and went to the interview. During the interview, I was asked various questions pertaining to my education, and questions pertaining to health and safety and questions pertaining to the waste management institute. Once the interview was complete, the human resource director told me that they still had one other candidate to interview. They had already interviewed 4 others for the job. Exactly one week later, I got a phone call from the company telling me that I was the one that got the job. They were impressed with my education and with the waste management classes. I start this new chapter of my life the monday after I graduate from NCAT. I will be conducting environmental health and safety work within the company. This job will be enforcing the safety of the plant workers. Working with air quality within the company and many other tasks…” N. Smith

“…I am a recent graduate from NCAT with a MSc in Chemistry. I want to share a couple of things that has benefited my career outside of school… My HAZMAT class added much value to my resume… I was asked on numerous occasions on various interviews, why and what relevance was HAZMAT to the chemical industry… When potential employers recognize that you have this skills, it automatically gives you a slight advantage and thus become their candidate of choice… With respect to actual career in the chemical industry, it is not only essential but very necessary that you apply your knowledge of waste management and HAZMAT containment to EHS departments as I do in my current Company… Above all it adds much value to your perspective as you guys prepare for the Job market, most especially those of you planning to work for Chemical industries… Thank you Prof. Uzo, for your tireless effort while I was in Graduate school, I will forever be indebted to your assistance and guidance…” Derek Forcha, Chemist.
May 2014 Graduates
Seniors and Graduate Students Receive Waste Management Certificates With Degrees

Thirty-three graduating seniors (B.A./B.S.) received the Waste Management Certificates in December 2013 and May 2014 at special ceremonies. The graduating seniors completed degree requirements in their majors, course work and creative projects in waste management. Twelve graduate students (M.S. and Ph.D.) received the Advanced Waste Management Certificate in December 2013 and May 2014 at special ceremonies. The advanced certificate recipients completed advanced degree requirements, advanced course work and advanced projects. Remarks were made by N.C. A&T Chancellor Harold L. Martin Sr. in December 2013 and Greensboro Mayor Nancy Vaughan in May 2014 at special ceremonies. The Waste Management Certificate highlights the training of students in environmental security and waste management issues and signals to employers that N.C. A&T students are ready to broadly advance waste management in their fields. The certificate adds value to the undergraduate and graduate training at A&T.

Undergraduate Waste Management Certificate Recipients

Selena Andrade
Beritin Bembula
Kimberley N. Brown
Derek A. Burris
Carlos D. Carter
Mamadou A. Diallo
Hind A. Elaagib
Deemonica T. Farrior
Candice A. Graves
Della Z. Hasan
Louise L. Houston
Jarette J. Hurry
Jelani A. Johnson
Stephen T. Johnson
Brittany J. Junious
Tarcy M. Keyes
Hannah Kirby
Razakou Maman
Mykea S. McKnight
Ashley D. McMillian
Sydney A. Noell
Derek A. Overton
Genaro A. Perez-de Leon
Jennifer Price
Ana M. Roberto
Nicholas G. Smith
Kenneth D. Speight
Charnice A. Williams
Jasmine E. Whitaker
Herschel B. Williams
William E. White
Shaniqua L. Williams
Haley E. Williamson
Laboratory Animal Science
Civil Engineering
Architectural Engineering
Chemical Engineering
Food Science
Earth & Environmental Science
Earth & Environmental Science
Food and Nutrition
Chemistry
Chemical Engineering
Energy & Environmental Science
Earth & Environmental Science
Earth & Environmental Science
Architectural Engineering
Chemical Engineering
Food Science
Accounting
Biology
Food Science
Animal Science
Food & Nutritional Science
Architectural Engineering
Electrical Engineering
Civil Engineering
Civil Engineering
Liberal Studies (Pre-law)
Environmental Studies
Accounting
Civil Engineering
Biology
Construction Management
Civil Engineering
Laboratory Animal Science
Architectural Engineering

Advanced Waste Management Certificate Recipients

Zadok Abraham
Mujahid I. Aqsher
Bandar Z. Akutsabaie
Clarence R. Bell
Mark Gomes
MD Monir Hossain
Richard E. Kearns II
Verol Mckearry
Michelle Nelson
Ayoola G. Ogendengbe
Daniel Opoku
Quazi M. Rahman
Chemistry
Computational Science & Engineering
Supply Chain Management
Technology Management
Bioengineering
Mechanical Engineering
Technology Management
Biological Engineering
Agricultural Education
Natural Resources
Electrical Engineering
Chemical Engineering

Faculty & Administrators Testimonials

“…Thanks for sharing this Uzo. Great to see and if I haven’t said it lately - thank you for all that you do for so many students across the campus…. Have a great weekend.” Dr. Robin Coger, Dean of Engineering

“…Wow that really says a lot and is a testament to the importance of the WMI on our campus…” Dr. Vereda King Williams

“…Hello Dr. Uzo...Great news for Brandon and strong endorsement for the WMI multi-disciplinary program…” Linda Florence Callahan, Ph.D.

Special Tribute in their own words to Professor Godfrey A. Uzochukwu, Professor and WMI Director

His students have described him as “a professor who provides challenging but interesting materials, a motivator, an excellent professor who really cares about the students, one who make a daily effort to boost the morale of students, a professor who states the classroom rules and enforces them, a professor who is concerned about the welfare of the students, the university and the world, a prompt and well prepared professor, the best professor that I have had, and a caring professor who taught material in a way that you wanted to earn a respectable grade”. His colleagues have also described him as “one who does the little things that an administrator needs to do, a colleague who supports faculty development through travel funds and joint proposal writing, an administrator who takes time to come and visit with faculty to see how they are doing and willing to listen to opinions that are different than his, a professor who provides leadership to restart stalled initiatives such as the PhD program in Energy and Environment, a person who is honest and whose character is above reproach, a professor and administrator who is extremely hard working, an administrator whose thinking style is creative and innovative, a professor who has led a number of significant efforts to elevate the status of A&T.”
Dr. Godfrey Uzochukwu and students

Happy WMI certificate recipients

Angela Smith and students

Dr. Godfrey Uzochukwu and Jonathan Blackwell

Hazmat training

INTERDISCIPLINARY WMI PROGRAM COMMITTEE

- Dr. Vereda Williams, Business and Economics
- Ayanna Boyd-Williams, Graduate Studies
- Dr. Linda Florence Callahan, Journalism and Mass Communication
- Dr. Clay Glosser, Computer Systems and Technology
- Dr. Manoj Jha, Civil Engineering
- Dr. Stephanie Luster-Teasley, Civil Engineering
- Dr. Godfrey Uzochukwu, WMI
- Dr. Derome Dunn, Mechanical Engineering
- Dr. Erekia Williams, Education
- Ron Bailey, Architectural Engineering
- Dr. Tracy Hanner, Animal Sciences
- Dr. Shona Morgan, Business & Economics
- Dr. Regina Williams, Liberal Studies
- Dr. Tanya Pinder, Chemistry
- Dr. Manuel Reyes, Biological Engineering
- Dr. Godfrey Gayle, Biological Engineering
- Dr. M. R. Reddy, Natural Resources
- Dr. Elizabeth Newcomb Hopper, Family and Consumer Sciences
- Dr. Sayo Fakayode, Chemistry
- Dr. George Robinson, Psychology
- Dr. Ralph Noble, Animal Sciences

Notes:
- Best performing professors are affiliated with WMI
- Best performing students are affiliated with WMI
- Wayne Kimball, former SGA President
- Campus wide resource for faculty and students
- Facilitated top 10 overall 2013 Green Metric – University Sustainability Ranking for N.C. A&T
- Selected #1 by the Environmental Careers Organization
- Recognized by the Greensboro Chamber of Commerce as an innovative environmental program
- Top 28 interdisciplinary institute/center in the nation (2013 NCSE report). 360 were profiled
- Enhances student retention and graduation – scholarships and internships
- Forum for Big Ideas – created EES Ph.D. Program and facilitated Campus Sustainability
- Forum for exchange of ideas among students from different disciplines
- Forum for exchange of ideas among faculty members from different disciplines
- Brings environmental industry leaders to campus
- Promotes economic growth for the city of Greensboro through national conferences
- Offers best interdisciplinary support courses
- Promotes Green Campus – Recycling, energy conservation and water conservation

From the Editorial Staff:
For more information about the Waste Management Institute call, fax or write Director, Waste Management Institute, North Carolina A&T State University, Greensboro, NC 27411

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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.

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

This newsletter is a publication of the Waste Management Institute of North Carolina Agricultural and Technical State University. It is intended to increase the awareness of teachers, students, industry, government, and community groups about environmental and Waste Management issues.

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