

October 22, 2015

Dear CSET Alumni,

CSET and I personally, wish to extend our sincerest gratitude to you for sharing your valuable time and expertise with our students during what may be a busy time in your schedule. However, we are pleased to inform you that students at Jackson State University continue to produce prestigiously and with professional distinction.

Allow me to share with you a few examples of excellence in innovation, teaching, research and service that impact today's students and reflect on you, our esteemed alumni.

Examples of growth- We have expanded our degree programs to include:

**Undergraduate degrees**

- B.S. in Electrical Engineering (launched 2012); Graduated 6 Students in May 2015,
- B.S. in Biomedical Engineering (launched Fall 2014)
- B.S. in Statistics launched in Fall 2014

**Graduate degrees**

STEM MBA and Master of Science in Engineering - concentrations in Computer Engineering, Industrial Engineering, Electrical Engineering, Computational Engineering

Ph.D. in Computational/Data Enabled Science & Engineering (launched Fall 2014)

Big Data is a driver to millions of solutions, cures and better processes. This degree is a convergence of Data Engineering, Mathematics, Statistics, Advanced Computing and Computational Infrastructure, Scientific Method and Subject Matter Expertise. Its focus is on the collection, management and transformation of "Big Data" into actionable information that can answer some of the world's most pressing problems. Big Data is interpreted into useful information for strategic decision-making.

PhD in Engineering: Concentrations

- Civil Engineering
- Computer Engineering
- Computational Engineering
- Environmental Engineering
- Geological Engineering
- Industrial Engineering/Logistics

- Computer Engineering Program- Has Over 200 Students
- Electrical Engineering Program - launched with six students in 2013; 93 students Fall 2015
- Student successes: Our students have excelled in top leadership roles throughout campus and have received awards and internships from the U.S. Army Corps of Engineers, Lockheed Martin, Corning, Union-Pacific, MIT, University California Berkeley, University of Michigan, Great Minds in STEM (GMIS)
- New Department of Industrial Systems & Technology
- Faculty successes: ONE JSU CSET Faculty/Staff Excellence Awards
  - Dr. Lin Li (Teaching/Advising)

- Dr. Paul Tchounwou (Research/Grant Writing)
- Dr. Himangshu Das (Leadership/Service)
- Mrs. Stephanie Reid-Small (Customer Service)
- Dr. Zikri Arslan – 2014-15 JSU HEADWAE Faculty Honoree
- Dr. Francis Tuluri: Invited by the White House Initiative on Educational Excellence to participate in a panel discussion on STEM Equity and Access at Washington, DC on September 22, 2015.

These examples of growth are amplified by CSET's tremendous achievements this year.

- CSET Faculty authored 284 (162 collaborative) peer-reviewed articles, 118 peer review articles with students, 3 books and 21 book chapters.
- CSET presented 332 papers at conferences including 192 presentations by students
- CSET was awarded 98 federally funded grants amounting to over \$15 million
- CSET Enrollment totaled 2,308 students (8.3% increase over 2013-14)
- CSET 2015-2016 enrollment is 9% greater than 2014-2015
- 224 CSET graduates in May 2015
- CSET Students received 88 Awards
- The College received 59% increase in private-gift giving: \$286,414 in FY 14 to \$478,552 in FY 15
- In 2014-2015 began new BS in Bio Medical Engineering (currently 7 majors) and in Statistics
- Pursuing ABET accreditation for BS in Electrical Engineering (Produced the first 6 graduates in May 2015), Fall Enrollment is 93 students
- Advanced strategic activities for Scholars Academy Program (Peer Led Team Learning; Faculty/ Student Workshops on Meta-cognitive Techniques to Improve Learning, Modify Behavior Characteristics, Increase Intelligence)
- ABET Re-accreditation
  - BS in Computer Engineering
  - BS in Civil and Environmental Engineering
  - BS in Computer Science
- ATMAE Re-accreditation
  - BS in Industrial Technology with 4 areas of emphasis, and a new concentration in Emergency Management

We aim to advance innovation in STEM through emphasis on our exceptional undergraduate and graduate programs, practical training, applied research, and commitment to recruiting highly motivated students. These efforts are helping JSU-CSET realize our future, as we continue to produce globally competitive scientists and leaders; this is not possible, however, without the generous assistance of our alumni and friends. Your contributions, in the way of sponsored internships, extended employment opportunities, time, and mentoring of our students are examples of the many ways you have demonstrated your dedication to the progress of the University.

Your giving is an important investment that reciprocates back to the college and program of which you can be proud. Your continued support of our students, faculty, and CSET programs, help us enthusiastically produce today's thought leaders.

Richard A. Alo' Ph.D.  
Dean

2015 Notable Alumni Panel: College of Science, Engineering and Technology  
CSET/Engineering Building -Auditorium

Dr. Earlexia Norwood '84  
Moderator

PANELISTS

---

Dr. Ehidanmegbe Akharume '04  
General Dentist  
Kool Smiles of Baton Rouge

Mr. Kenneth Archer, '85  
Deputy Director Climate and Health  
National Center for Environmental Health  
Centers for Disease Control and Prevention

Dr. De'Jonnette Grantham King, '14  
President/CEO  
Advanced Environmental Consultants, Inc.

Dr. April Idleburg, '89  
Systems Analyst  
U.S. Drug Enforcement Agency

Dr. Dexter Lee, '92  
Associate Professor  
College of Medicine  
Howard University

Ms. Eloise Liddell, '85  
Global Customer Relationship Marketing (CRM) Manager  
Ford Motor Credit Company

Dr. Loretta A. Moore, '85  
Vice President for Research and Federal Relations  
Jackson State University

Dr. Earlexia Norwood, '84  
Service Chief of Family Medicine  
Henry Ford West Bloomfield Hospital  
Director of Practice Development & Community Health Education  
Henry Ford Medical Group

Dr. Barbara Ousby, '97  
Project Manager/Environmental Scientist – C&B Enterprise, Inc.  
Adjunct Professor – Science/Biology Department  
Hinds Community College

Mr. Sam Patton, '82  
Senior Quality Systems Consultant

Ms. Cheryl Pollard, '07  
Sr. Systems Engineer  
Aeronautics Division  
Lockheed Martin

Dr. Ehidanmegbe Akharume '04  
General Dentist  
Kool Smiles of Baton Rouge

---

Dr. Akharume earned a Bachelor of Science degree (Magna Cum Laude) from Jackson State University (JSU) in 2004.

While pursuing her degree at JSU she was involved in several student organizations. She was a member of Tri-Beta Biological Honor Society, Alpha Chi Honor Society, and a proud member of Alpha Kappa Alpha Sorority, Inc.

After completing her studies at JSU, she went on to earn her Doctorate of Dental Surgery at Meharry Medical College in Nashville, TN in 2010. She received a post doctoral certification in Hospital Dentistry by completing a General Practice Residency at Meharry Medical College and Nashville General Hospital in conjunction with VA Medical Center in 2011.

Dr. Akharume worked in private practice for Smiles R Us Dental Center in Memphis, TN from 2011-2012 and has been working in corporate dentistry for the past three years at Kool Smiles of Baton Rouge.

Dr. Akharume strives to live up to her motto of her alma mater to improve the healthcare of the underserved community.

**Mr. Kenneth Archer, '85**  
Deputy Director Climate and Health  
National Center for Environmental Health  
Centers for Disease Control and Prevention

---

Kenneth (Ken) Archer is a 1985 graduate from Jackson State University receiving his Bachelor of Science degree in Biology. While attending JSU, Ken was very active as President of the Biology Club, Vice-president of the Pre-Health Society Club, and a member of the Sonic Boom of the South Marching Band. Ken is the current 1<sup>st</sup> Vice President of the Metro Atlanta Chapter of Jackson State University National Alumni Association, Inc., where he has been named Alumnus of the Year for two consecutive years for his tireless efforts to support chapter activities and for his willingness to volunteer with numerous community activities.

Ken has been a Public Health Advisor for the Centers for Disease Control and Prevention since 1988. During the past 27 years, he has had field assignments in Ft. Lauderdale, FL (1988-1990), Tampa, FL (1990-1993), Philadelphia, PA (1993-1997). From 1997-1999 he was a Program Consultant in the Program Development and Support Branch, Division of Sexually Transmitted Disease Prevention (Atlanta, GA). From 1999 – 2002 he was the Section Chief of the National Pharmaceutical Stockpile, which is responsible for providing technical assistance to State and local planners on the receipt of the Stockpile assets in response to a biological or terrorist attack. From 2002 – 2006 Ken was the Deputy Chief of the HIV Prevention Program, providing over 400 million dollars in assistance to State and local agencies. From 2006 – 2012, Ken was the Deputy Management Officer for the National Center for Injury Prevention and Control, providing key leadership in the areas of violence prevention and unintentional injury prevention. Currently, Ken is the Deputy Director of the Climate and Health Program in the National Center for Environmental Health at CDC. He is on the White House's Committee on Climate Change and the North American workgroup on Climate Change.

Ken has received several awards during his career: National Center for HIV, Viral Hepatitis, STD, Tuberculosis prevention Director's Recognition Award for his outstanding leadership and contribution towards the Hurricane Andrew relief efforts (1992), Division of STD Prevention Director's award for his dedicated service as Chair of the Field Staff Advisory Committee (1995), Special Service Award for his role and participation in the TOPOFF Bioterrorism exercise, and National Center for Environmental Health Employee of the Month for his efforts following the September 11, 2001 and Anthrax responses. Ken also received the Department of Health and Human Services Director's award for his efforts while leading the CDC Team deployed to New York on 9/11/01. Ken was featured in the book, "Ready To Go: The History of Public Health Advisors" for his response to 9/11.

He is described by many as innovative, daring, astute, compassionate, humble and inspiring. He is committed to giving back to Jackson State University and assisting the school any way he can. Ken is married to Karen Anderson Archer and together they have four children, Kristen, Alexandria, Aaron and Kelsi.

**Dr. April Idleburg, '89**  
**Systems Analyst**  
**U.S. Drug Enforcement Agency**

---

April L. Idleburg is the Administrative Officer for the Drug Enforcement Administration's (DEA) Atlanta Field Division. She has a staff of 22 people and manages the fiscal, procurement, assets, personnel and transportation for a four state area that covers Georgia, Tennessee, South and North Carolina. She has also served as the Administrative Officer and the Program Analyst for the DEA New Orleans Field Division in New Orleans, LA.

Prior to these positions, Ms. Idleburg was the Supervisory Chemist for the Nashville Sub-Regional Laboratory (NSRL) in Nashville, TN. She began her government career as a Forensic Chemist at the South Central Laboratory in Dallas, Texas in 1992. She was responsible for the management and oversight of all laboratory operations for NSRL. She was formerly the Associate Laboratory Director of the Mid-Atlantic Laboratory in Largo, MD where she served the laboratory's Quality Assurance Manager for more than four years.

From May 2003 to October 2004, Ms. Idleburg was assigned to the DEA, Office of Training, where she provided training for State and Local Police Officers. More than 500 officers from throughout the continental United States, Hawaii, and Canada attended her sessions in the manufacturing process and synthesis of Methamphetamine. Her teaching included both lecture and hands-on synthesis of several clandestinely manufactured drugs. Most importantly, she provided instruction on how to safely dismantle clandestine laboratories and collect the necessary evidence for successful prosecution in the courts of law. During this time period, Ms. Idleburg was spotlighted by several television news programs and newspapers. She has published two scientific papers: "Pi donating Ability of Oxygen-17" and "Problems with the Detection of Marijuana Traces using IMS Instrumentation".

Ms. Idleburg was born in LaGrange, Georgia. She received her Masters' in Public Administration at American University in Washington, DC. in May 2006. She earned her Bachelor of Science Degree in Chemistry from Jackson State University, Jackson, Mississippi.

She is a lifetime member of Delta Sigma Theta Sorority, Inc., and Jackson State University National Alumni Association. She is also affiliated with the National Association of Black Narcotics Officers (NABNA) and the National Association for the Advancement of Black Chemists and Chemical Engineers (NOBCChE). She served for three years as the Vice President of the DC Metro Chapter of NOBCChE. Ms. Idleburg is also very active in her church and the Christian community. She is a Life Coach and Inspirational Advisor, and serves as Founder and Director of *Really Good Girlfriend.com, LLC*, an empowerment organization purposed to assist others in living out their purpose in life with passion and intent.

Ms. Idleburg currently resides in the Atlanta, GA area; she strongly believes that *"if I can help somebody...then my living will not be in vain."*

**Dr. De'Jonnette Grantham King, '14**  
**President/CEO**  
**Advanced Environmental Consultants, Inc.**

---

Dr. DeJonnette Grantham King is the President/CEO of Advanced Environmental Consultants (AEC), Inc. AEC (a woman-owned minority business enterprise) is a full service environmental, remediation, and demolition firm headquartered in Jackson, Mississippi. AEC has been in business since 1996. Since opening its doors for business, AEC has received numerous awards for outstanding services to the community. "Our experience with a variety of project management, engineering, environmental, and construction issues for a broad range of clients, provides us with a competent understanding of environmental regulations and technology, and their impact on business." Dr. Grantham King's strong commitment is confirmed as a scholar in her educational achievements which include: Bachelor degree in Chemistry, San Francisco State University, Master in Biochemistry, Master in Business Administration, and Ph.D. in Urban Higher Education at Jackson State University. Additionally, she is a graduate from Tuck School of Business at Dartmouth (Minority Business Executive Program).

Dr. King has received numerous certifications in the local, state, and federal level, which validate her knowledge and skills to persist. Her role in the community is recognized in the following achievements:

- Featured in the Mississippi Business Journal as one of the top 40 firms on the move.
- 1985 Outstanding Young Woman of America
- 1997 ASPA Conference (Spokeswoman)
- 1998 City Council Resolution, Jackson, Mississippi
- 1998 Honored by Robinson-Watson Book Company
- 2000 and 2001-Served as panelist for the Women's Money Conference, hosted by the State of Mississippi, United State Treasury, and Marshall Bennett.
- 2000 Outstanding Minority Business Award/ Mississippi Minority Business Alliance
- 2000 Tuck School of Business/Dartmouth College/Hanover, New Hampshire
- 2000 Outstanding Minority Business Award/Minority Capital Fund of Mississippi
- 2003 Chairman's Award/Mississippi Minority Business Alliance
- Featured in the Clarion Ledger "Women in Business"- October 19, 2003 and 2008.
- 2004 MDWFT/Thompson Foundation "Annelle Ponder Award"
- 2004 Business Advocate of the Year" Women in Business/Mississippi Region/SBA
- 2005 Woman Business of the Year for the National Advisory Council
- 2008 Outstanding Service Award, Business Outreach Initiatives
- 2009 Outstanding Professional of the Year, Department of Commerce
- Chairperson of the Board of the Mississippi Minority Business Alliance (2005-2011).
- January 17, 2011 Featured in Forbes Magazine as National Environmental Leader
- September 20, 2012 Featured in Forbes Magazine 100 Most Powerful Women Issue
- June 15, 2015 Featured in Forbes Magazine America's Richest Self Made Women

Dr. Grantham King's leadership in the company is focused on growing her business but contributing to the community, the state, and the nation and this commitment is displayed in her everyday life with her involvement with the American Cancer Society, the Muscular Dystrophy Association, Liberal Trinity Senior Citizens Foundation, New Hope Christian School, St. Joseph Catholic School, Alpha Kappa Alpha Sorority, Inc., Delta Sigma Theta Sorority, Inc., Jack and Jill, Inc., and the Salvation Army. She is committed to bridging the gap between corporate America and workforce preparedness of recent graduates. This is illustrated strongly in her involvement.

She prides herself on keeping her life in balance with a strong commitment to God and a loving family. She is married to Alvin King and they have one daughter, Kristian Shari King that came aboard with the firm in 2011.

Dr. Dexter Lee, '92  
Associate Professor  
College of Medicine  
Howard University

---

Dr. Dexter Lee earned a B.S., Jackson State University (1992), a M.S., University of Akron (1994) and a Ph.D., University of Missouri-Columbia (2000). He is also a Postdoctoral Fellow at Medical College of Georgia (2000-06). Teaching Areas Lecture about Renal Physiology in the allied health, dental, graduate, medical and pharmacy student physiology courses. Dr. Lee current emphases are on the renal mechanisms for chronic blood pressure control during hypertension. Specific interests are to investigate the role of inflammatory cytokines on renal function and their contribution to blood pressure regulation.

Dr. Lee has received the following Grants and Funding Awards:

- Latham Foundation
- National Institutes of Health Mentored Career Award (K01) (2008 – 2013)

Selected Publications:

- Aryana S. Jacobs, Hakeem O. Ayinde and Dexter L. Lee. Inflammatory Biomarkers and Cardiovascular Complications in Sickle Cell Disease: A Review. *Current Cardiovascular Risk Reports*. DOI 10.1007/s12170-013-0325x
- Katherine D LaClair, Kebreten F Manaye, Dexter L Lee, Joanne S Allard, Alena V Savonenko, Juan C Troncoso and Philip C Wong Treatment with bexarotene, a compound that increases apolipoprotein-E, provides no cognitive benefit in mutant APP/PS1 mice. *Molecular Neurodegeneration* June 2013, 8:18
- Dexter L. Lee, Tracy Bell, Jenny Bhupatkar, Glenn Solis and William J. Welch, Adenosine A1-Receptor Knockout Mice have a Decreased Blood Pressure Response to a low dose of Angiotensin II infusion. *American Journal of Physiology - Regulatory, Integrative and Comparative Physiology* 2012 Sep 15;303(6):R683-8. doi: 10.1152/ajpregu.00116.2012. Epub 2012 Aug 8., PMID: 22874421
- Justin L. Wilson, Rong Duan, Ahmed El-Marakby, Abdulmohsin Alhashim and Dexter L. Lee. Peroxisome Proliferator Activated Receptor- $\alpha$  agonist slows the progression of hypertension, attenuates plasma interleukin-6 levels and renal inflammatory markers in Angiotensin II infused mice. *PPAR Research* vol. 2012; 2012 Manuscript: 645969, PMC3405818, PMID: 22848208
- Dexter L. Lee and Justin L. Wilson. Urine from Sexually Mature Intact Male Mice Contributes to Increased Cardiovascular Responses during Free-Roaming and Restrained Conditions. *ISRN Veterinary Science*, vol. 2012, Article ID 185461, 7 pages, 2012. doi:10.5402/2012/185461, PMC3400049, PMID:22822459
- Dexter L. Lee, Justin L. Wilson, Rong Duan, Tamaro Hudson, and Ahmed El-Marakby. Peroxisome Proliferator-Activated Receptor- $\alpha$  Activation Decreases Mean Arterial Pressure, Plasma Interleukin-6, and COX-2 While Increasing Renal CYP4A Expression in an Acute Model of DOCA-Salt Hypertension. *PPAR Research*, vol. 2011, Article ID 502631, 7 pages, 2011. doi:10.1155/2011/502631, PMID:2219090



**Ms. Eloise Liddell '85**  
**Global Customer Relationship Marketing (CRM) Manager**  
**Ford Motor Credit Company**

---

Eloise Liddell is the Global Customer Relationship Marketing (CRM) Manager at Ford Motor Credit Company, responsible for Ford Credit's online consumer marketing for the Ford and Lincoln brands since 2009.

Ms. Liddell has held various management positions since joining Ford Credit in 2000, including Contract Originations manager and RouteOne Contract System Integration manager. She began her career in 1985 as a computer programmer with AT&T. During her tenure at AT&T she progressed from programmer to manager of Treasury systems, to Data Center manager, responsible for the data maintenance services for more than 3000 business customers.

Ms. Liddell states that her background in computer science has been extremely beneficial to her success as a marketing manager, as the only way to effectively market to customers, is through the use of data. Her knowledge and success in marketing in the U.S. led to the appointment of Global CRM manager in 2014. As the Global CRM manager with Ford Credit, Ms. Liddell manages budgets and relationships with Advertising agencies and suppliers, and works closely with numerous vehicle launch and sales teams to deliver marketing that effectively promotes the Ford brand and reaches customers where they are.

Eloise is a member of Delta Sigma Theta Sorority, and is very involved in the local community within the Detroit area. She currently serves as President of the Ford Credit African Ancestry Network, an employee resource group that promotes professional and personal development of employees, and supports programs that promote the growth and development of high school and college students. She is also a founding member of the Ford Credit Professional Women's Network.

Ms. Liddell graduated from Jackson State University with a Bachelor of Science degree in Computer Science in 1985, and obtained a Masters of Business Administration (MBA) from Rollins College, Winter Park Florida. She is the proud mother of two, Jamaal and Elise, and believes that her biggest contribution has been the involvement in her children's lives, and in the lives of those students that she mentors in the local schools.

**Dr. Loretta A. Moore, '85**  
Vice President for Research and Federal Relations  
Jackson State University

---

Dr. Loretta A. Moore serves as Vice President for Research and Federal Relations and Professor of Computer Science at Jackson State University (JSU) located in Jackson, Mississippi. She previously served as Associate Vice President for Research and Scholarly Engagement with oversight of the Academy for Research and Scholarly Engagement, which is designed to advance the careers of promising young researchers and emerging scholars by ensuring that they establish a compelling research agenda, participate in a community of scholars, and obtain external funding. Dr. Moore is the Principal Investigator on a grant from the National Science Foundation's ADVANCE program, which is aimed at advancing the careers of female faculty in the Science, Technology, Engineering and Mathematics (STEM) disciplines as well as the Social and Behavioral Science (SBS) disciplines. The project's overall purpose is to transform the institution's climate to promote equal opportunities for the advancement of all faculty. She also provides oversight for the Center for University Scholars, a program supporting faculty in their academic pursuits. Under her leadership, a year-long New Faculty Orientation Program has been instituted. She recently was awarded the Women in Higher Education Mississippi Network Leadership Award for the State of Mississippi. Prior to being named Associate Vice President for Research and Scholarly Engagement, Dr. Moore served as Interim Associate Dean for the College of Science, Engineering and Technology and as Chair of the Department of Computer Science, a position she held for thirteen years. She has held positions at Auburn University, AT&T Bell Laboratories, Lawrence Livermore National Laboratory, Army Research Laboratory, NASA Kennedy Space Center and NASA Marshall Space Flight Center.

Dr. Moore has received funding from agencies including the National Science Foundation, Department of Homeland Security, Department of Justice, Department of Energy – Lawrence Livermore National Laboratory, Army Research Laboratory, NASA Kennedy Space Center, NASA Marshall Space Flight Center, NASA Headquarters, and Jacobs Technology. Over \$10 million dollars have been received from these agencies to support topics such as Cyber Security, Computational Thinking, Intelligent Systems, Visual Analytics, Open Source Software Development, Human Computer Interaction, Computer Science Education and Research Experiences, and Broadening Participation of the Nation's Workforce. Dr. Moore has published numerous articles and reports and presented more than 100 presentations on research, education, and strategies for organization change to enhance diversity of the Science, Technology, Engineering and Mathematics (STEM) workforce. Dr. Moore serves as a Commissioner for the Computing Accreditation Commission of ABET and previously served as a Program Evaluator. She is a member of the Board of the Association of Departments of Computing at Minority Institutions; previously served on the U.S. Army Science Board; and currently holds membership in ACM, IEEE, and AAUW organizations. She is active in the recruitment, retention, and promotion of African-American Computer Scientists and actively supports the professional advancement of both students and faculty across all disciplines. Dr. Moore received her B.S. degree in Computer Science from Jackson State University and her M.S. and Ph.D. degrees in Computer Science from Illinois Institute of Technology.

**Dr. Earlexia Norwood, '84**  
Service Chief of Family Medicine  
Henry Ford West Bloomfield Hospital  
Director of Practice Development & Community Health Education  
Henry Ford Medical Group

---

Earlexia Montoya Norwood, MD is a board certified Family Medicine physician who has practiced with Henry Ford Health System (HFHS) since 1993. She is a graduate From the W.E.B DuBois Honors College of Jackson State University and the University of Iowa Medical School. She completed her Family Medicine residency at St. John Hospital in Detroit, MI. Dr. Norwood is currently the Service Chief of Family Medicine for Henry Ford West Bloomfield Hospital, Director of Practice Development and Community Health Education for Henry Ford Medical Group (HFMG), and Ambassador for HFHS Healthcare Equity Campaign. Dr. Norwood serves on the Credentialing Committee, and twelve years on the Board of Governors, HFMG.

She has been honored annually since 2008 by physicians across southeastern Michigan, as one of Detroit's "Top Docs" as noted in Hour Magazine. There have been many recognitions including: Detroit's Who's Who, Who's Who of Health Care Professionals, Who's Who of Women in America, Distinguished Alumni by the National Association for Equal Opportunity's National Leadership Summit, Robert E. Birk Award for excellence in Research, Henry Ford Health System "Focus on People" Award, "Above and Beyond" for the Troy Medical Center, and one of the featured physicians on Henry Ford Health System's "Minds of Medicine" television program. Dr. Norwood was recognized as Jackson State University National Alumni Association's (JSUNAA) 2014 Alumnus of the Year, and nationally as the 2014 Legacy of Leaders, Distinguished Alumnus of the Year recipient from the National Black College Alumni Hall of Fame Foundation.

Dr. Norwood is a member of the National Medical Association (NMA) House of Delegates, NMA Council on Medical Legislation, American Academy of Family Medicine, and American Medical Association. She is a preceptor and mentor for college students, medical students, residents, and nurse practitioners from Wayne State University Medical School, University of Michigan Medical School, Jackson State University, University of Detroit Mercy, Oakland University, and University of Iowa. Earlexia currently serves as the First Vice-President of Jackson State University National Alumni Association, and the Chair of JSUNAA Fundraising Committee.

Dr. Norwood believes in the power of knowledge and empowerment; therefore, she willingly shares medical information to increase awareness and life promoting behaviors. She's a presenter to various national conferences, community groups, and organizations. Most of all she is a wife, and mother of two, desiring to live up to her fullest potential, while make a difference in the lives of many.

**Dr. Barbara Ousby, '97**  
Project Manager/Environmental Scientist  
C&B Enterprise Incorporated  
Adjunct Professor – Science/Biology Department  
Hinds Community College

---

Dr. Barbara Ousby currently serves at a Project Manager/Environmental Scientist at C&B Enterprise Incorporated. She is also an adjunct professor in the Science and Biology Department at Hinds Community College.

Dr. Ousby has earned a B.S. in Science Education and M.S. in Biological Science/Secondary Education from the University of Southern Mississippi and a Ph.D. in Environmental Science from Jackson State University.

Dr. Ousby's military assignment is as follows:

MAJOR/Promotable – United States Army Reserve

Executive Officer -7242<sup>nd</sup> MEDICAL SUPPORT UNIT MSU, Gulfport, MS

4010<sup>th</sup> US ARMY Hospital, New Orleans, LA.

#### LICENSURES/CERTIFICATIONS

- State of Mississippi -146753/Class AA/Biology and General Science (7-12)
- National Registry of Environmental Professionals/Registered Environmental Manager (REM)
- Office of Infrastructure Preparedness/Certified Infrastructure Preparedness Specialist (CIPS)

Dr. Ousby is the Immediate Past President of the JSU Madison County Alumni Chapter and a member of the Beta Delta Omega chapter, Alpha Kappa Alpha Sorority, Inc.

She is a member of College Hill Missionary Baptist Church.

Mr. Samuel Patton, '82  
Senior Quality Systems Consultant

---

Samuel Patton began his professional career by attending Jackson State University and acquiring a Bachelor's Degree in Industrial Technology. He balanced his academic life with an active pursuit of student involvement by being elected Sophomore Class President, Junior Class President and Student Government President (a first for the Department of Industrial Technology).

He graduated with honors and was accepted into a select engineering program for new graduates at Hughes Aerospace. After holding various positions of increased scope, Mr. Patton decided to diversify his professional development through a career choice in medical device innovation and pharmaceuticals. He specialized in the area of Statistical Quality Systems and Regulatory Affairs.

Mr. Patton has held senior management positions in such leading firms as Boston Scientific, Medtronic and Novartis Pharmaceuticals. His latest position was Vice President of Quality Assurance and Regulatory Affairs for iSirona, A Nant Health Company. He continues to actively support the medical device and pharmaceuticals industry as a Senior Corporate Consultant for such firms as Johnson-n-Johnson and Thermo Fisher Scientific.

Ms. Cheryl Pollard, '07  
Sr. Systems Engineer  
Aeronautics Division  
Lockheed Martin

---

Cheryl Pollard is a Sr. Systems Engineer within IDS Engineering, Systems Validation, Test, and Analysis Directorate (SVTAD), for Raytheon Company's Integrated Defense System (IDS) business. She is a Control Account Manager (CAM) responsible for project management activities which include managing a \$12M budget for the Qatar Patriot Radar Integration and Test program, and performing activity base lining, scheduling, budgeting, performance measurement, and variance analysis activities. Additionally, she was responsible for software testing validation, test execution, documentation, and data analysis for the Patriot Radar Surveillance team.

Before joining Raytheon IDS, Pollard was a Software Engineer and Systems Security Engineer for Raytheon Missile Systems (RMS), Tucson, AZ. In these roles, she was responsible for design, implementation, functional and qualification testing on several Air Warfare Systems products. She was awarded the 2012 Up and Coming Award for her work in systems security engineering and protecting systems from exploitation to help maintain reliability and affordability.

Before joining Raytheon, Pollard held internship positions at the Army Research Laboratory (Aberdeen, MD) as a Cyber Network Intrusion Analyst and the Center for Defense Integrated Data (Jackson, MS) Department of Homeland Research Projects as a Research Analyst.

Ms. Pollard has recently accepted a position at Lockheed Martin Corporate Aeronautics division in Marietta, GA as a Sr. Systems Engineer supporting the Lockheed C-130 Hercules transport aircraft. Her primary duties will include the management of business, human life, and mission critical safety requirements through key phases of the software and systems engineering lifecycle. She is a member of the National Society of Black Engineers (NSBE), the Society of Women Engineers (SWE), the International Council of Systems Engineers (INCOSE), and Alpha Kappa Alpha Sorority, Incorporated.

A native of Mississippi, Cheryl holds a Master's degree in Systems Engineering from The Johns Hopkins University, Whiting School of Engineering. She received her Bachelors' of Science degree in Computer Engineering from Jackson State University in 2007.