

CURRICULUM VITA  
**SCOTT JACKSON DANTLEY. PH.D.**

Hyattsville, Md

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**Academic Preparation**

**The University of Maryland**

**May 1999**

Doctor of Philosophy (Ph.D.)

Major: Science Education (Chemistry Education Concentration)

**The University of Maryland**

**May 1998**

Master of Education (MEd)

Major: Science Education

**North Carolina Agricultural and Technical State University**

**May 1995**

Master of Science (M.S.)

Major: Professional Chemistry-American Chemical Society (ACS) Certified

**The George Washington University**

**May 1992**

Bachelor of Science (B.S.)

Major: Chemistry

**Additional Education**

AASCU Millennium Leadership Institute

Performance Assessment Institute, Harvard University

NCATE Board of Examiners

AACTE New Dean's Institute

**Distance Learning Skills**

Distance-Learning Certified

Blackboard Certified

Zoom, Microsoft Teams, Blackboard Collaborative Ultra

**Awards and Honors**

Kappa Delta Phi International Honor's Society (Iota Upsilon chapter) The University of Maryland

Outstanding New Professional Award (2006), The University of Maryland

**Research Interests**

- Quality Assurance/Accreditation, Minority Science Participation, Black Male Achievement
- Post-Secondary Science Education
- Science Achievement, Higher Ed Policy, and International Cross-Cultural Exchanges

**PROFESSIONAL EXPERIENCE**

**August 8, 2018-Present**

**Senior Associate Dean for Academic Affairs and Full Professor of Science Education**

(tenured)

**Howard University, Washington, DC**

Howard University is a private research university founded in 1867 comprised of 14 schools and colleges. Howard offers 143 programs of across undergraduate, graduate and professional degrees. The university produces more African Americans with Ph.D.'s than any other university in the United States. The university's motto Veritas et Utilitas, Truth and Service is a key part of the university's identity. The university has more than 12,000 undergraduate and graduate students that has produced one Schwarzman Scholar, three Marshall Scholars, four Rhodes Scholars, 12 Truman Scholars, 25 Pickering Fellows and more than 165 Fulbright recipients.

**Primary Responsibilities**

- Provide leadership, strategic direction, and executive oversight for all matters related to academic portfolio management and evaluation academic innovation and integration, compliance, and accreditation.
- Maintain relationships with external entities and provides oversight of the admission, recruitment, retention, and graduation of students and the resources.
- Provide administrative oversight of program changes, course changes, course and curricular evaluations, and program reviews, by working closely with Program Coordinators to ensure continuous assessment to maintain program quality.
- Responsible for ensuring program quality, advising and guiding the School in meeting University requirements, completing annual reports, and leading self-studies to ensure that the School remains compliant with all relevant accrediting and professional licensing bodies.
- provided annual reports for assessment and accreditation requirements
- Help manage the Appointment, Tenure and Promotion (APT) for reappointments and initial appointments including all ranks
- Attend all provost's meetings for Chairs, Assistant and Associate Deans
- Serve as Executive Secretary and Ex-officio member of the Executive Committee-one of a few standing committees
- Work directly with department chairpersons and directors on daily academic scheduling, student and faculty affairs
- Attend all faculty meetings with a standing line item on the agenda for updates
- Attend all SOE leadership committee meetings
- Address student and faculty grievances
- Evaluate staff for the Office of the Associate Dean
- Completing a grant with the US Department of Education MESIP grant 750k

**December 2017-June 2018****Higher Education Consultant Education Evaluation Center****National Commission of Academic Accreditation and evAluation – (NCAAA)****Riyadh, Kingdom of Saudi Arabia**

The National Commission of Academic Accreditation and Evaluation (NCAAA) was founded in 2004 as an independent agency overseeing the country's accreditation. It reports to the Council of Higher Education. The council focuses six areas Accreditation, Organizing and monitoring, quality, studies of institutions, cooperation, and international accreditation.

**Primary Responsibilities:**

- Served as a higher education consultant for Kingdom of Saudi Arabia's Education Evaluation Center.
- Work focused on providing quality assurance support for institutional and programmatic reviews.
- Assisted with professional development trainings on understanding assessment, developing

rubrics and implementing student learning outcomes for institutions and program level assessment.  
 -Provided support on other areas related to international accreditation, teacher educator preparation, and overall accreditation and quality assurance matters.  
 -Represented the Commission during site visits and professional development engagements with institutions

#### **May 2016-December 2018**

##### **Education Consultant-Quality Assurance, Accreditation and Evaluation**

###### **Primary Responsibilities:**

-Provided consulting services to national (including online institutions) and international universities on data analysis, assessment and accreditation.  
 -Worked with universities in Virginia, South Carolina, Massachusetts, and Washington, DC on CAEP accreditation preparation and review.  
 -Reviewed program and institutional standards for specialized and regional accreditation.  
 -Reviewed the government of Saudi's Education Evaluation Commission-National Center for Academic Accreditation and Assessment, program and institutional standards.

#### **May 2014-2016**

##### **Special Assistant to the President for Equity and Global Initiatives Council for Accreditation of Educator Preparation (CAEP)**

The Council for Accreditation of Educator Preparation (CAEP) serves as the sole accreditor of educator preparation for teacher education programs. NCATE served as the initial organization for which CAEP was recreated. They work with states to co-manage teacher education and licensure.

###### **Primary Responsibilities:**

-Oversaw all the international accreditation and equity activities. Managed and developed MOU agreements with various countries (Oman, Chile, and Saudi Arabia)  
 -Started negotiations with countries to consider partnerships with Malaysia, UAE, United Kingdom, Turkey and Australia)  
 -Helped build strategic partnerships with key stakeholders such as AACTE, NEA, NADEC Deans and various national and professional organizations related to equity and diversity initiatives.  
 -Offered technical assistance for minority serving institutions, HSIs, rural colleges and international universities on CAEP standards, assessments and quality assurance analysis for EPPs seeking CAEP accreditation.  
 -Worked with conference planning committee to review proposals for conferences held twice a year, coordinated the leadership breakfast for approximately 100 education deans during the CAEP conference, oversaw several presentations on international quality assurance, program impact and diversity and recruitment and strategies on working with diverse populations.  
 -Provided leadership and support for governance committees such as nominations committee as well as support the planning of the overall meetings for the six standing committees (Nominations, State Partnerships and Content Areas, International, Research, Standards and Appeals Committees)

##### **CAEP's International work:**

###### **Primary Responsibilities:**

-Served as a staff liaison with CAEP's international committee and content staff on CAEP's nomination and board committees.  
 -Conducted national and international presentations on quality assurance and accreditation in countries such as Fiji.  
 -Served on accreditation review committee for international visits to universities such as Qatar

University.

- Served as expert consultant for newly proposed doctoral programs in the UAE. Hosted meetings at CAEP with the representatives from Embassies such as Malaysia, Pakistan and Afghanistan.
- Worked with UCET to negotiate a potential joint accreditation streamline process for teacher education.

### **CAEP's Equity Work:**

#### **Primary Responsibilities:**

- Organized a national equity committee to examine CAEP's diversity components throughout their standards, examined aspects of diversity in their site visitor training for a volunteer workforce of 1200 reviewers, examined policies related to social justice and access.
- Attended several diversity workshops and summits at NEA and US Department of Education.
- Presented on CAEP's diversity initiatives at the US Department of Education to HBCU Deans of Education.

### **CAEP's Presidential Search Committee**

#### **Primary Responsibilities:**

- Served on the Presidential Search Committee representing staff for CAEP and provided input, selection and interviewed candidates for CAEP's next president.
- Help hire the current CAEP President

**August 2013-May 2014**

### **Vice President for Recognition Services**

#### **Council for Higher Education Accreditation (CHEA)**

The Council for Higher Education Accreditation (CHEA) serves its members, students, and society through advocacy for the value and independence of accreditation, recognition of accrediting organizations and commitment to quality in higher education. CHEA also manages the recognition process where agencies who oversee the accreditation of institutions, need approvals based on CHEA's standards. CHEA has their own recognition standards

#### **Primary Responsibilities:**

- Provided oversight of the recognition process for approximately 60 accreditors throughout the United States.
- Provided technical assistance in developing the eligibility and recognition applications. Assigned observers for accreditors and reviewed observation reports for the same set of accreditors nation-wide.
- Participated in CHEA International Quality Group and Advisory Council; and the Faculty Advisory Group on Accreditation.

### **Committee on Recognition (COR)**

#### **Primary Responsibilities:**

- Worked with the Committee on Recognition (COR) during the recognition review process and prepared all reports, documents, and action letters as a result of actions taken with the review process for approximately 25 accreditors over a two-semester period.
- Reviewed specialized accreditors in business, social work, health as well as worked with regional accreditors such as Middle States Commission on Higher Education (MSCHE), Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), and WASC Senior College and University Commission (WSCUC).
- Prepared recognition documents for the Board of Directors.

**August 2011-August 2012****NCAAA Expert Consultant****The National Commission of Academic Accreditation and Evaluation (NCAAA)**

The National Commission of Academic Accreditation and Evaluation (NCAAA) was founded in 2004 as an independent agency overseeing the country's accreditation. It reports to the Council of Higher Education. The council focuses six areas Accreditation, Organizing and monitoring, quality, studies of institutions, cooperation, and international accreditation.

**Primary Responsibilities:**

- served as a consultant for the National Commission on Academic Accreditation and Assessment (NCAAA) for the Kingdom of Saudi Arabia while on leave at Coppin State University.
- Provided expert advice on conducting regional accreditations for colleges of education including advice on developing the process for program reviews in science and quality assurance efforts in general throughout the country of Saudi Arabia.

**Feasibility Study in Saudi Arabia****Primary Responsibilities:**

- Additionally conducted and produced a feasibility study on 50 plus Colleges and Schools of Education (women and men, sections) to determine their readiness for state and international accreditation and provided an overall profile of each college.
- Study required a visit to approximately 22 universities across 12 plus regions in Saudi Arabia.

**May 2008- October 2013****Associate Vice President of Institutional Effectiveness and Planning,  
Professor of Chemistry-tenured, and Official Federal Representative**

Coppin State University is a master's comprehensive university, one of sixteen universities in the University System of Maryland. The university has approximately 3500 students who come from very diverse backgrounds. Over 40% of the university students are first generation students.

**Primary Responsibilities:**

- Duties included oversight for all university assessment activities, long-range planning and strategic planning, regional and national accreditation reports.
- Served as the grant liaison officer and oversaw the federal grant process.
- Served as the Accreditation Liaison Officer representing the university at Middle States Commission on Higher Education.
- Directed the Middle States Periodic Review process that included overseeing the periodic review report PRR, a federal compliance report on credit hour and student identity report resulted in a success re-accreditation for five years.
- My office coordinated and funded essential accreditation and association fees for the university.
- Directed university-wide strategic plan, provided leadership for the last middle states periodic review and compliance reports. Served on the university budget committee, administrative cabinet, president's cabinet and other essential committees on campus.

**The Center for Institutional Assessment****Primary Responsibilities:**

- Supervised the Director of Assessment for the center who oversaw all the assessment activities at the university, including faculty evaluations, supported the development and assessment of university-wide general student learning outcomes.

- The center was the major point of contact for local, state and national assessment data requests.
- The university participated in various national assessments for faculty and students such as National Survey of Student Engagement (NSSE) and Collegiate Learning Assessment (CLA).

### **Office of Institutional Research**

#### **Primary Responsibilities:**

- Supervised the Director of Institutional Research and the office staff. OIR was the office for primary source of data for the university, as well as local and system reports.
- OIR provided key and analysis for reports on open enrollment, access and success reports, faculty workload reports, IPEDS, and dashboard data reports-that included aggregating data across all colleges on retention and graduation.
- The office also prepared reports for the Maryland Higher Education Commission (MHEC) and assisted with the analysis and data collection for Middle States Commission.

### **2007-2008**

**Interim Associate Provost of Academic Affairs and Professor of Chemistry-tenured (APAA)**, Coppin State University is a master's comprehensive university, one of sixteen universities in the University System of Maryland. The university has approximately 3500 students who come from very diverse backgrounds. Over 40% of the university students are first generation students.

#### **Primary Responsibilities:**

- oversight of the university's academic progress policies and procedures; oversight and management of the Office of Planning and Assessment, and support the university's STEM efforts.
- Served as a point of contact on all accreditation and assessment issues and academic program reviews.
- The APAA worked closely with faculty, program directors, school/institute directors and deans to develop appropriate resources for curriculum and faculty development.
- Ultimately helped to ensure that all instructional, student services and administrative operations function effectively.
- Oversaw a section of Title III programs for Professional Development for the executive staff-including two institutional research positions supported from the grant, NSF STEM grant 2.0 million, and Casey Foundation grant.
- Further duties included attending system, national and local meetings, representing the provost's office on research grants and on special projects.
- Served as a co-chair and directed the Middle State Steering Committee of over 30 individuals who helped to develop the Middle States self-study report.
- Guided middle states process for a successful re-affirmation of accreditation. (10-year review)

### **Center for Institutional Assessment (CIA)**

#### **Primary Responsibilities:**

- Directly supervised the Director of Assessment for the center who oversaw all the assessment activities at the university, including faculty evaluations, supported general student learning outcomes and assessment development and analysis.
- The center was the major point of contact for local, state and national assessment data requests. The university participated in various national assessments for faculty and students such as National Survey of Student Engagement (NSSE) and Collegiate Learning Assessment (CLA).

### **Office of Institutional Research (OIR)**

#### **Primary Responsibilities:**

Directly supervised the Director of Institutional Research and the office staff. OIR was the office for primary source of data for the university, as well as local and system reports.

OIR provided key and analysis for reports on open enrollment, access and success reports, faculty workload reports, IPEDS, and dashboard data reports-that included aggregating data across all colleges on retention and graduation to name a few. The office also prepared reports for the Maryland Higher Education Commission (MHEC) and assisted with the analysis and data collection for Middle States.

### **Office of Planning and Assessment, Research and Evaluation**

#### **Primary Responsibilities:**

Directed the Office of Planning which was responsible for implementing the university strategic plan and all reporting related to the Maryland Education Commission

- oversaw the university's planning committee of about 22 individuals which had representatives across the university campus.
- Supervised the university's strategic planning process

### **June 2006- June 2007**

#### **Dean and Professor-tenured,**

#### **Florida A&M University, College of Education (COE)**

Florida A & M University is a doctoral research university with approximately 14,000 students. The university has been recognized by the News and World report as having excellent programs and very successful graduates. The university is a member of the University System of Florida. I served as Dean of the College of Education and a full tenured Professor of Science Education. The College of Education was the fourth largest college out of 14 colleges on campus. The College of Education had five departments with programs ranging from master's degrees to a Ph.D. program in Educational Leadership. The COE had 58 full time faculty members and boasts of the oldest major on campus. The College was one of eleven institutions who received a \$5 million dollar Carnegie Grant: Teachers for a New Era to reform undergraduate Teacher Education and one of three National Board Certification Centers.

- directed 58 faculty members across five departments
- oversaw the approval of all COE licensure programs seeking state approval
- directed and oversaw the successful focus visit for NCATE Accreditation for Standard 2: assessment system
- supervised three associate deans and departmental chairs
- oversaw the grant-Teachers for a New Era
- supervise the superintendent of the laboratory P-12 school

### **Laboratory P-12 School**

Laboratory School is a P-12 level school founded in 1887. The lab school has all grade levels. The Lab School reports directly to the College of Education and the supervision reports to the D

#### **Primary Responsibilities:**

- Oversaw the FAMU Agricultural and Mechanical Developmental Research School (DRS) associated with the university's College of Education (COE).
- supervised along with superintendent the DRS faculty and administrative staff reports directly to the COE.

### **June 2005-June 2006**

#### **Acting Dean and Associate Professor tenured (2003)**

**School of Education  
Bowie State University**

Bowie State University is a doctoral granting university Historically Black University and a member of the University System of Maryland. Bowie State has an enrollment of more than 4500 students. Bowie State University one of four schools/colleges at the university. The School of Education has 16-degree programs, two international programs (i.e. Europe and Asia) in Counseling Psychology and the only doctoral program in Educational Leadership on the campus.

There are 42 full-time faculty and approximately 52 adjunct faculty. I have two special assistants to the Dean and several directors who ran some of the school's major initiatives. The SOE has received 50 years of continuous NCATE accreditation.

- Assisted with Bowie's first doctoral program in educational leadership. The first seventeen students in the doctoral cohort completed dissertations and graduated with Ed.D. degrees.

- Assisted with the School of Education four new initiatives with Prince George's County Schools to increase the number of certified teachers working in the Maryland schools. The first initiative was started by the previous dean, the Men Engaged in Nurturing (M.E.N.) which targeted African-American male teachers to become fully certified. The M.E.N. program received a congressional earmark in order for this to be established. The School of Education is the second largest unit on campus and was also second in the amount of federal and state grants received.

**January 2004 – August 2005  
Director, External Accreditation and Assessment,  
Bowie State University, Bowie Maryland**

The purpose of this role was to serve as the expert on NCATE and Middle States Accreditation process.

- developed an assessment system for School of Education and coordinated the data collection for NCATE assessment (standard 2).

- served as Co-Assessment Coordinator responsible for coordinating all of the assessment activities for the school of education during the March 2004 NCATE visit.

- coordinated ongoing assessment activities for sustaining the collection process and updating the assessment system to an electronic system as well as directed the six NCATE standing committee who were responsible for collecting data for each standard.

- Other responsibilities included conducting validity and reliability studies on all instruments and rubrics used in the assessment system.

- served on the university steering committee to develop the university's assessment system and revamp the university mission and goals to align with the institution's assessment plan.

- represented the university at assessment conferences including the Middle State Accreditation Conference.

**June 2003 – June 2004  
Science Education Expert, US Department of Education Office of Elementary and  
Secondary Education, Washington, DC (IPA appointment)**

- Served as science expert on issues of national standards, assessment, accountability and science alignment issues.

- Assisted with producing models of effective science testing systems on the state level as the beginning efforts of reauthorization of the Elementary and Secondary Education Act.

- Served on assessment teams with the Standards and Assessment Group to prepare states to develop accountability plans to implement the 2002 version of the Elementary and Secondary Education Act.



- Represented the US Department of Education at the Science SCASS meetings and provided technical support to the group.
- Developed protocol for the US Dept. of Education Enhanced Assessment Grants as well as chaired one of the panels. Based on the recommendations of the 12-member panel, nine states received a total award amount of \$17 million dollars.

**June 2001 – June 2002**

**Associate Program Director,  
National Science Foundation, Arlington, Virginia**

- Duties included developing balanced program portfolios that aligned with division goals and objectives;
- assisted in evaluating and recommending Science, Math, and Technology education proposals as well as project performance through review of annual and final project reports; assisted in ensuring the integrity and effectiveness of the merit review process, with attendance to increasing the diversity of reviewer pools;
- participated in the development of short-and long-range program plans, establishing goals/objectives and program evaluations;
- developed long short-term program and budget planning.
- Worked with the following programs:
  - ATE: Advanced Technological Education, Technology and two-year colleges
  - ASCEND: Informal science after school programs
  - Teacher Enhancement: Emerging Technology
  - Instructional Material Development: Middle/High School) Chemistry and Physics programs)

**June 2000 – August 2000**

**NASA Faculty Fellow  
NASA Space Goddard Institute, Greenbelt Maryland**

- Served as educational outreach specialist.
- Provided input on the development of ChemMatters (American Chemical Society's magazine designed for chemistry teachers) featuring the AURA mission.
- Developed feature on remote sensing and partnered with ACS on additional articles.

**7/98 – 7/99**

**Interim Specialist, Office of Accountability, Student Assessment and Research and Evaluation, Baltimore City Public Schools, Baltimore, Maryland**

- Provided statistical support to the office of accountability.
- Responsibilities included interpretation and coding using SPSSx (for windows) languages for various assessment reports and instruments.
- Assisted the director with assessment assignments and with schools.

**7/96 – 5/99**

**Graduate Research Assistant for Challenge Grant,  
University of Maryland College Park, College Park, Maryland**

- Served as content science specialist for the Maryland Electronic Learning Community (MELC). MELC is a technology-challenge grant that is devised to work with three inner city Maryland schools to gain Internet access.
- Duties included:

- 1.) Weekly school visits to science teachers for two of the three schools
  - 2.) Worked with six science teachers to provide resources related to enhancing instructional technology in the class,
  - 3.) Aided science teachers to devise internet modules related to the National Science Education Standards and reform initiatives.
  - 4.) Research group met twice a month to discussion ways to improve instruction with the aide of technology.
- Assisted in developing surveys to assess expert teaching by using teacher profiles and inter-rater responses, as well as contributed class observation data to evaluation reports.

## RESEARCH AND PUBLICATIONS

### RESEARCH AND PUBLICATION

#### Book Chapters

- Dantley, S. J. & Maffet, G. *Accreditation in Saudi Arabia-The Future – Quality Assurance & Accreditation for Academic Institutions*, Michelli, N., Dada, R., Eldridge, D., Tamim, R., & Karp, K. (Eds). (2017). *Teacher quality and teacher education quality: Accreditation from a global perspective*. New York: Routledge.
- Dantley, S. J. & Brown, I (Accepted) *Examining conceptual factors that impede African-American male success in science*, Association for Supervision and Curriculum Development (ASCD).
- Dantley, S.J. (2013) *If I can just make it to the House: Strategies For Successful Life Journeys*. The Black Professional's Guide to Career Success.
- Dantley, S.J. and Leonard, J. (2009) *Successful Achievement of African American Males in Science and Mathematics*. Michigan State University Press.
- Leonard, L. & Dantley, S.J. (2005). Breaking Through the Ice: Dealing with Issues of Diversity in Mathematics and Science Education Courses. In Rodriguez et Kitchen Eds., *Preparing prospective mathematics and science teachers to teach for diversity: Promising strategies for transformative actions*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Dantley, S.J. (2004). *No Child Left Behind (NCLB): It's implications for Science Education, the State Assessment of Science and School Accountability*. University of Costa Rica. (English and Spanish)
- Dantley, S.J. (2003). *Examining science teacher's perceptions on the factors that influence reasons why culturally diverse students advance and the role of culture on learning science*. International Cross Cultural Research Exchange Symposium, "Beyond Our Borders: Toward Global Dimensions of Civil Rights, Human Rights, Socio-Economic, Educational and Environmental Issues", University of Valladolid, Valladolid, Spain (English and Spanish)

#### Refereed Articles:

- Brown, I & Dantley, S.J. (In progress) Applied Learning Across Institutional Context.
- Dantley, S.J. (in progress) Whose Identity? : The Role Teachers play in helping Underrepresented Students Find a "fit" in Science and Mathematics Education.
- The Resurgence of Teacher Preparation: an International Comparison of the United States and Portugal's Opportunities and Challenges (in progress),
- Leonard, J., Barnes-Barnes, J. Temple University, Dantley, S.J. Coppin State University, Kimber, C. Cheyney University (2011). Teaching science inquiry in urban contexts: The role of elementary preservice teachers' beliefs. *The Urban Review* 43:124–150.

- Gili Marbach-Ad, J. Randy McGinnis, Rebecca Pease, Amy Dai, Spencer Benson; University of Maryland and Scott Jackson Dantley; Coppin State University, Transformative undergraduate science courses for non-majors at a historically black institution and at a primarily white institution. *Science Education International* 21(4) December 2010, 252-271.
- Dantley, S.J. Leonard, J. and Scott, W. D, (2009) Exploring male preservice teachers' characteristics and perceptions about teaching elementary school. *The National Journal of Urban Education and Practice*, (2)4 Spring 2009
- Gili Marbach-Ad, J. Randy McGinnis, Spencer Benson, Amy Dai, and Rebecca S. Pease University of Maryland and Dantley, S. J. Coppin State University (2008): Beliefs and Reported Science Teaching Practices of Recently Graduated Teachers: A Mixed Methods Analysis. *Electronic Journal of Science Education*, 12(2), 171-198.
- Dantley, S.J. and Leonard, J. (Summer 2006) Successful Achievement of African American Males in Science and Mathematics, *Commissioned Paper. Eastern Michigan University*
- Dantley, S.J. (2004). Leaving No Child Left Behind in Science Education. *Black Issues in Higher Education*, 21 (8), Last Word.
- Leonard, J. & Dantley, S. J. (2002). Why Malik can "do" Math: Race and Status in Integrated Classrooms, *Trotter Review*, 14 (1) Winter 2002, p. 61-78.
- Dantley, S.J. & Guidry, J. (2001) Federal Supports and Indicators for Minority Participation in Science, Mathematics and Health Professions: Implications for Policy Development. *Journal of Public Management and Social Policy*, 7(2) Winter 2001, p. 15-32.
- Dantley, S. J. (2000). Examining of the Role of Technology-Enhanced Chemistry Laboratories and Attitudes of Students attending Community Colleges. *Journal of Research Association of Minority Professors*.
- Dantley, S. J., (2000). An Examination of Factors that Impact on the Retention of Mathematics and Science Teachers in Urban Systemic Initiative School Districts from the Perspective of Administrators. *Journal of Negro Education*, 68 (3), p.442-450.

#### **Conference Papers and Proceedings:**

- McGinnis, J.R., Marbach-Ad, G., Dantley, S. J., Pease, R. & Dai, A. (2010). The Beliefs and Reported Science Teaching Practices of Newly Graduated Elementary and Middle School Education Majors. In the 2010 CD Proceedings of the National Association for Research in Science Teaching (32 pages).
- Marbach-Ad, G., McGinnis, J.R., Dantley, S. J, Pease, R., Dai, A. (2010). Promoting science for all the way of student interest in transformative undergraduate science non-majors courses in historically black institution and primarily white institution. A paper presented at the annual meeting of the National Association for Research in Science Teaching (NARST), Philadelphia, Pa. March 21-24, 2010.
- McGinnis, J.R, Marbach-Ad, G., Dantley, S.J, Pease, R. & Dai, A (2010). *The Beliefs and Reported Science Teaching Practices of Newly Graduated Elementary and Middle School Education Majors*. In the proceedings of the 2009 National Association for Research in Science Teaching (32 pages).

- McGinnis, J. R., Katz, P., Hestness, E., Riedinger, K., Marbach-Ad, G., & Dantley, S. J. (2009). Transforming Science Teacher Preparation by Bridging Formal and Informal Science Education: A Focus on Drawings as Evidence. A paper presented at the annual meeting of the National Association for Research in Science Teaching, Garden Grove, California, April, 2009.
- McGinnis, J. R., Marbach-Ad, G., Dantley, S. J., Benson, S., Dai, A., & Pease, R. (2008). Landscape Baseline data in a large scale science teacher preparation model. A paper presented at the annual meeting of the National Association for Research in Science Teaching, Baltimore, Maryland, April, 2008.
- Marbach -Ad, G., McGinnis, J. R., Dantley, S.J., Spencer Benson, Amy Dai, & Rebecca Pease (2010). *Promoting Science for All by Way of Student Interest in Transformative Undergraduate Science Non-Majors Courses in a Historically Black Institution and a Predominantly White Institution*. In the 2010 CD proceedings of the National Association for Research in Science Teaching (37 pages).
- Katz, P. McGinnis, J. R., Hestness, E., Riedinger, K., Marbach-Ad, G., & Dantley, S.J. (2009). *Transforming Science Teacher Preparation by Bridging Formal and Informal Science Education: A Focus on Drawings as Evidence*. In the proceedings of the 2009 National Association for Research in Science Teaching (78 pages)
- McGinnis, J.R., Marbach-Ad, Pease, R., Dai, A., & Dantley, S. (2008). *Landscape Baseline Data in a Large Scale Science Teacher Preparation Model : (Project NEXUS)*. In the 2008 Proceedings of the National Association for Research in Science Teaching (27 pages).
- Marbach-Ad, G., McGinnis, & J. R., Dantley, S (2007). *Beliefs and teaching practices reported by newly graduated elementary and middle school science teachers: Project Nexus (Year 1)*. In the proceedings of the 2007 Proceedings of the Association for Science Teacher Education (32 pages).

#### Technical Reports

- Bowie State University's Principal Institute-Evaluation Report co-written with Hanover Research Council, 2011
- Middle States Progress Report 2010 Coppin State University
- Governance Manual 2010 Coppin State University
- Coppin State University Self-study Report (2008)
- FAMU Institutional Report: focus visit on Standard two (2007)
- Secada, W. & Dantley, S.J. (2002). Effective USI Schools Technical Report based on National Science Foundation Grant: *Classroom Observation Results*. Policy and Research Report Urban Institute Press.

### PRESENTATIONS

#### International

- Dantley, S.J. & AlOlaiyan, H. (2018) *Assessment of Student Learning Outcomes*. United Arab Emirates- **Dubai**
- Dantley, S.J. & Khalifa, H. (2018). *Key Performance Indicators (KPIs) and Benchmarking*. **Dammam, Saudi Arabia (KSA)**

- Dantley, S.J. & Manera. (2018). *How to Utilize NCAAA's Surveys for Quality Improvement*. **Medina, Saudi Arabia (KSA)**
- Dantley, S.J. *Raising the Bar: Revisiting Social Justice and Quality Assurance*, Academy of Business Administration (2015). **Durban, South Africa**.
- Workshop on CAEP standards and processes-**Suva, Fiji** 2015
- Dantley, S.J. (2014). *UCET meeting and presentation on partnering with CAEP*. **England-United Kingdom**.
- Dantley, S.J. Coppin State University, *Raising the Bar in Public Schools: Aligning and Elevating Teacher Preparation and the Teaching Profession*” Academy of Business Administration International Conference, August 13- 17, 2013, **Lisbon, Portugal**, Tiara Park Atlantic Hotel.
- Dantley, S.J. Coppin State University, Katz, P., & McGinnis, J. R., University of Maryland, & Riedinger, K, University of North Carolina Wilmington (in progress). *Whose Identity? : The Role Teachers play in helping Underrepresented Students Find a “fit” in Science and Mathematics Education*. **Sofia, Bulgaria**, June 2012.
- Dantley, S. J. *Examining International Comparison of Morocco’s PISA and NAEP Data. Multiculturalism and Public Policy: Cross National Issues and Perspectives*, 13th Annual International Cross Cultural Research Exchange Conference, Mohammed V University, **Rabat, Morocco**, June 18, 2011-June 27, 2011.
- Dantley, S. J. Coppin State University, J. Randy McGinnis, Gili Marbach-Ad, Rebecca Pease, and Amy Dai, University of Maryland. *The Beliefs and Reported Science Teaching Practices of Newly Graduated Elementary and Middle School Education Majors. Globalization and Public Policy: An International Cross Cultural Exchange Conference*. At the Institute of Public Policy 10-12, August Auckland University of Technology, **Auckland, New Zealand** (2010).
- Dantley, S. J. and J. Randy McGinnis, Gili Marbach-Ad and Rebecca Pease University of Maryland. *The Recruitment of Science Teachers of Color: Landscape Baseline Data in a Large Scale Science Teacher Preparation Model (Project NEXUS)*. Prepared for Presentation at the 11th Annual International Cross Cultural Research Exchange Conference With the Faculty of Political Science and International Relations Pontificia Universidad Javeriana **Bogota, Colombia** August 3-7, 2009.
- Dantley, S. J. *Results on Nexus project for two institutions on their efforts to recruit and retain science teachers*. Fudan University, **Shanghai, China** May 30-June 7, 2009.
- Dantley, S. J. *Examining Science Performance of Students using Comparisons in the U.S. And Latino Countries: Policy Implications*. Academy of Business Administration, Global Trends Conference **Cancun, Mexico** December 2008.
- Dantley, S. J. Istanbul, Turkey (Summer 2008) *Examining the Performance of Immigrant Students using Comparisons in the U.S. and International Countries: Implications for Science Education and Policy Development*. Coppin Eyalet Üniversitesi “Göçmen Öğrenciler İçin Eğitim Destek Hizmetleri: Fen Eğitimi ve Politika Oluşturulması Bakımından Değerlendirmeler” **Istanbul, Turkey**, Analysis 10<sup>th</sup> Annual International Cross Cultural Exchange, Yıldız Teknik Üniversitesi, June 26-27, 2008.
- Dantley, S. J. *Reauthorization of NCLB: “The Impact of Public Policy in the African American Community: the Cases of Health Care and Science Education” Conference of Minority Public Administrators (COMP4): “Meeting Public Service Challenges: Through Strategic Collaboration”* **Hamilton, Bermuda**, February 13-17, 2008.
- Dantley, S. J. and Gili Marbach-Ad, J. Randy McGinnis, Spencer Benson, Amy Dai, and Rebecca S. Pease University of Maryland. *Beliefs and Reported Science Teaching Practice of Recently Graduated Teachers*: **Xaimen, China**. Summer 2007.
- Dantley, S.J. *Using virtual projects to enhance science knowledge: Mind project*. **Punta Cana, Dominican**

**Republic** (Fall 2006).

- Dantley, S.J. (2006) - *Proyecto NEXUS: "Maryland" escuela de ciencias, niveles EGB3 y Polimodal. Modelo de continuidad profesional de profesores.* 8th Annual International Cross Cultural Research Exchange Conference, August 8-12, 2006 The Universidad Nacional de Cuyo (UNCUYO) **Mendoza, Argentina.**
- Dantley, S. J. (co-presenters: Dr. Vernon Polite, Bowie State) *Fostering Resilience among College Students.* American Educational Research Association (Spring 2005) **Montreal, Canada.**
- Dantley, S.J. (co-presenters: Dr. Vernon Polite, Bowie State HBCUs) *Assessment of Dispositions as One Measure of Ensuring Highly Qualified Teachers*(Spring 2005) American Educational Research Association, **Montreal, Canada.**
- Dantley, S.J. (Summer 2004). *No Child Left Behind (NCLB): Science Teachers and What Makes a Qualified Teacher.* June 7-13, 2004, **San Lucas, Mexico.**
- Dantley, S.J. (Summer 2003). *No Child Left Behind (NCLB): It's implications for Science Education, the State Assessment of Science and School Accountability.* The Race and Ethnic Studies Institute of Texas A&M University International Cross Cultural Research Exchange Symposium, "Beyond our borders V: Discrimination, Marginalization, Immigration, and Cultures in a Changing Era of Globalization, San Jose, **Costa Rica**, June 8-14, 2003.
- Dantley, S.J. (2002). *Examining Science Teacher's perceptions on the factors that influence reasons why culturally diverse students advance and the role of culture on learning science.* The Race and Ethnic Studies Institute of Texas A&M University International Cross Cultural Research Exchange Symposium, "Beyond Our Borders: Toward Global Dimensions of Civil Rights, Human Rights, Socio-Economic, Educational and Environmental Issues", May 19-27, 2002 at the University of Valladolid, **Valladolid, Spain**
- Dantley, S.J. and Guidry, J. (2001). *Federal supports and indicators for minority participation in science, mathematics, and health professions: Implications for policy development.* Academy of Business Administration. **Aruba, Netherlands.**

**National**

- Presented at the Open Faculty Day on Preparation for CAEP accreditation Morris College, **South Carolina** (2016)
- Presented at the AACTE-preconference workshop-deans' perspective on effective strategies for disadvantaged students, **Atlanta, Georgia**
- Presented at CAEP conference fall 2014 and spring 2015 on recruitment and selectivity, **Washington, DC and Denver, Colorado**
- US Department of Education-NADEC deans meeting-presented on teacher education accreditation, **Washington, DC**
- Presented workshop at Morris College on teacher education standards, **South Carolina**
- Invited speaker at Fort Valley State University Teacher Induction ceremony, **Fort Valley, Georgia**
- Dantley, S.J. *Raising the Bar: Revisiting Accountability and Quality Assurance*, Research Association of Minority Professors (RAMP) National Conference Spring 2015, **Washington, DC.**

- Dantley, S.J. CAEP Standards and Processes. National Education Association National Leadership Development Summit 2015. **Anaheim, CA.**
- University of Maryland Eastern Shore-workshop on CAEP standards 2015, **Eastern Shore, Maryland**
- HBCU White House Initiative-presentation on the Profile of Colleges of Education in Saudi Arabia 2012, **Washington, DC**
- J Randy McGinnis, Gili Marbach-Ad, University of Maryland, Scott Jackson Dantley Coppin State University and Rebecca Pease, Amy Dai, University of Maryland. *The beliefs and reported science teaching practices of newly graduated elementary and middle school education majors*. National Association for Research in Science Teaching (NARST) 2010 Annual Conference, **Philadelphia, PA.**
- J Randy McGinnis, Gili Marbach-Ad, University of Maryland,, Scott Jackson Dantley Coppin State University and Rebecca Pease, and Amy Dai, University of Maryland. *Promoting science for all by way of student interest in transformative undergraduate science non-majors courses in historically black institution and primarily white institution*. NARST 2010 Annual Conference, **Philadelphia, PA.**
- Dantley, S. J. Coppin State University, Diane Simon, VCU, Joyce Stallworth, UAB, Brenda Tinkhman, Chowan U. *Preparing for an National Council for Accreditation of Teacher Education (NCATE) Provisional, Condition, Probation Status, and an NCATE Focused Visit*. Boyce Williams, Moderator. AACTE Feb. 19-22, 2010 **Atlanta, Ga.**
- Dantley, S.J. Coppin State University. *NCATE Unintended Consequences: Preventing Probation, Conditions, and Focused Visits*. Spring Institutional Orientation, Accreditation, Accountability and Quality Conference. Hyatt Regency, **Crystal City, Va.** Spring 2010.
- Dantley, S.J. Coppin State University. *NCATE Nuts and Bolts of Assessment. Spring Institutional Orientation, Accreditation, Accountability and Quality Conference*. Hyatt Regency, **Crystal City, Va.** Spring 2010. (2 sessions)
- Dantley, S.J. Coppin State University *NCATE Standard 6-Governance*. Spring Institutional Orientation, Accreditation, Accountability and Quality Conference. Hyatt Regency, **Crystal City, Va.** Spring 2010.
- J. Randy McGinnis, Gili Marbach-Ad, Katz, P., Dantley, S. J., Amy Dai (2009). *Bridging informal and formal science education in elementary teacher preparation: A study of the role of an internship in an after-school informal science program*. American Educational Research Association, **San Diego, CA** 2009.
- J. Randy McGinnis, Gili Marbach-Ad, Dantley, S. J., Rebecca Pease, Amy Dai (2009). *Taking the next step in transforming an undergraduate science content course appropriate for teacher education majors: Science for all via student interest*. American Educational Research Association, **San Diego, CA** 2009.
- Dantley, S.J. Coppin State University, *NCATE Unintended Consequences: Preventing Probation, Conditions, and Focused Visits*. Spring Institutional Orientation, Accreditation, Accountability and Quality Conference. Hyatt Regency, **Crystal City, Va.** September 10-12, 2009.
- Dantley, S.J. Coppin State University, American Association of Colleges for Teacher Education (AACTE) and NCATE: *Nuts and Bolts of Assessment*. Spring institutional orientation, Accreditation, accountability and quality conference. Spring 2009 (two sessions), Hyatt Regency, **Crystal City, Va.**
- Dantley, S.J. Coppin State University, *AACTE and NCATE: Successfully passing a focus visit: Emphasis on Standard 2*. Spring institutional orientation, Accreditation, accountability and quality conference Spring 2009. Hyatt Regency, **Crystal City, Va.**

- Dantley, S.J. Coppin State University, *AACTE and NCATE: Standard 6 Governance*. Spring institutional orientation, Accreditation, accountability and quality conference, Spring 2009 Hyatt Regency, **Crystal City, Va.**
- Dantley, S. J. Coppin State University, *AACTE and NCATE: Nuts and Bolts of Assessment*, Fall institutional orientation, Sept. 18-20, 2008 Hyatt Regency, **Crystal City, Va.**
- Dantley, S. J. Coppin State University, *AACTE and NCATE: Successfully passing a focus visit: Emphasis on Standard 2*, Fall institutional orientation, Sept. 18-20, 2008 Hyatt Regency, **Crystal City, Va.**
- Dantley, S. J. Coppin State University, *AACTE and NCATE: Successfully passing a focus visit: Emphasis on Standard 2*, Spring institutional orientation, April 3-6, 2008 Hyatt Regency, **Crystal City, Va.**
- Dantley, S. J. Coppin State University, *Unintended Consequences: Preparing for Probation and/or Conditions and Focused Visits*. AACTE 61st Annual Meeting, **Chicago, IL** February 6, 2008
- Dantley, S. J. Coppin State University, Maryland Institute for Minority Achievement and Urban Education Fall 2008 Colloquium Series: *Research Informing Practice and Practice Informing Research in Urban Schools*. The University of Maryland, **College Park, Md.** October 8, 2008.
- J. Randy McGinnis, Gili Marbach-Ad, Rebecca Pease, Amy Dai University of Maryland Scott Jackson Dantley Coppin State University, *Establishing Baseline Data in a Large Scale Science Teacher Preparation Model (Project NEXUS)*. A paper presented at the annual meeting of the National Association for Research in Science Teaching, **Baltimore, Maryland**, March 29-April 2, 2008.
- Gili Marbach-Ad, J. Randy McGinnis, Rebecca Pease, Amy Dai University of Maryland and Scott Jackson Dantley Coppin State University. *Teaching for All in a Microbiology Course for Non-Majors and Teachers' Interns*. A paper presented at the annual meeting of the American Association for Educational Research March 24-March 29, 2008, **New York, NY**.
- McGinnis, J., Benson, S. Dantley, S. J. (2007). *The Maryland upper elementary/ middle school science teacher professional continuum model*. A poster presented at the annual meeting of the National Science Foundation DR-K12 Conference, **Arlington, VA**, September 9-11.
- Gili Marbach-Ad, J. Randy McGinnis, Spencer Benson, Amy Dai, and Rebecca S. Pease, University of Maryland and Dantley, S. J. Coppin State University. *Beliefs and Reported Science Teaching Practices of Recently Graduated Teachers: A Mixed Methods Analysis*. AERA, **Chicago, IL**, April 13, 2007.
- Dantley, S.J. (2007) *Update on African-American Males in Science and Mathematics*. Research Association of Minority Professors' Conference paper presentation. **Washington, DC**.
- Dantley, S.J. (2006). *Arts and Sciences Engagement with the College of Education. Carnegie: Teachers for a New Era Grant*. American Association of Colleges of Education Deans, **Savannah, Ga.**
- Dantley, S.J., Parson, E. and Lee, O (2006). *Pre-conference workshop for NARST underrepresented groups that included topics on academic survival, developing a sound research agenda and effective grant writing*. National Association for Research in Science Teaching (NARST) **San Francisco, CA**.
- Dantley, S.J. (2004) (co-presenters: Dr. Polite and Dr. Wilson, BSU) *Fostering academic resilience among urban teacher candidates: Sharing strategies that work*. Frederick Patterson Institute September 24-27, 2004, **Washington, DC**.
- Dantley, S.J. (2004). *African-American inclusion in science education, past and present: Implications for policy development*. Frederick Patterson Institute Conference September 24-27, 2004 **Washington, DC**.



- Dantley, S.J. (2004) *Developing a Successful Assessment Plan and System*, National Association For Equal Opportunity in Higher Education (NAFEO) and the Council of Deans and Chairs of Education. **Hilton Head Island South Carolina.**
- Dantley, S.J. (Spring 2004). *NCLB and What it means to be a highly qualified teacher in secondary science.* American Educators of Teachers in Science (AETS), **Memphis, TN.**
- Dantley, S.J. (2004). *Historical examination of science education, past and present: implications for policy development.* (co-presentation with Drs. Irving, Dickson, and Austin, Howard University). Research Association of Minority Professors. **Houston, Texas.**
- Dantley, S.J. (2004). (co-presentation with Dr. Leonard, Temple University). *Teaching Teachers with Technology Conference.* Research Association of Minority Professors. **Houston, Texas.**
- Dantley, S.J. (Fall 2003) *No Child Left Behind (NCLB), Updates and Implications for Science Education* National Institutes of Health, Office of Science Education, **Washington, DC.**
- Dantley, S.J. and Leonard, J. (2003). *Dealing with Issues of Diversity in Mathematics and Science Education Courses.* Poster Session, American Educational Research Association (AERA, **Chicago, IL**)
- Dantley, S.J. (2001). *Exploring characteristics of male elementary science teachers and their perceptions of current myths in teaching.* Paper presented at the meeting of the Research Association of Minority Professors Conference **New Orleans, LA.**
- Dantley, S.J. and Scott, W. D. (2001). *Instructional leaders' Perceptions of Male Teachers' Role (s) at the Elementary Level.* Paper presented at the Research Association of Minority Professors (Ramp) Conference **New Orleans, LA.**
- Dantley, S. J. (2000). *Moving from a classical laboratory to an inquiry paradigm.* Paper presented at the meeting of Research Association of Minority Professors Conference **Houston, Texas.**
- Dantley, S.J. (1998, February). *Baltimore Learning Community Project: African-American teacher using technology.* Paper presented at Research Association of Minority Professor's, **St. Louis Missouri.**
- Dantley, S.J.& Slekar, T. D. (1998, April). *A Case of One Innovative Science Teacher: Using Technology Successfully in a Classroom with Potentially At-Risk Students.* Paper accepted for AERA Conference **San Diego, California.**

## TEACHING

### Classroom Teaching

#### **Howard University (Full Professor, Tenured 2018)**

Spring 2022 EDUC 672-Assessment and Measurement in Teaching. A graduate course for MED students who seeks to learn important assessment techniques to support variety of content areas. Student were required to develop a variety of assessment and appropriate measures to use in the classroom and to evaluate students.

Spring 2019 and Spring 2023

EDUC 480: International Internship and Special topics Seminar.

The purpose of the international internship and special topics seminar is to allow students to develop global competencies aimed at providing exposure to global teaching skills, students, and environments. The special topics seminar facilitates intercultural development and cross-cultural experiences through online discussions, journal writing, and interdisciplinary readings. Students will be eligible for nine (9) credit hours.

Students traveled to **Cali, Colombia, Cartagena, Palenque** during spring break.

**Coppin State University**

Fall 2008            PHSC 103-Technology and Human Affairs-Environmental Science

**Bowie State University - Bowie**

Fall 2003-2006    Associate Professor (Tenured 2003)

Served in a joint appointment in Science Education and Chemistry. Successfully wrote and developed science rejoinder for the program areas in each of the science education specialties (i.e. chem. Ed., bio. Ed. and physics Ed.) for NSTA/NCATE and developed a science secondary methods course as well as coordinating science education. Served on several university committees.

Courses Taught:

EDAD 770: Doctoral Research  
EDAD 771: Doctoral Dissertation  
Chemistry 105: Introduction to College Chemistry  
Chemistry 110: Chemistry for Nursing Majors

**Temple University - Philadelphia, PA**

Fall 2000 – 2003 Assistant Professor

Served as Science Education Faculty and taught science methods courses. Courses taught: Science Education 150 (elementary science methods; advise undergraduate, Master's and Doctoral students. Serve on several university committees.

**Southern University - Baton Rouge, LA**

1999 – 2000       Assistant Professor

Served on the graduate faculty in a tenure-track position in science/mathematics education doctoral program. Other duties included: curriculum development of new courses and developing and initiating a diversity plan for the new Ph.D. department of science/mathematics education. In addition, I served on university committees, as well as conducted research and evaluation studies.

Responsibilities included teaching Doctoral level courses such as the following:

SMED 605: Foundations in Science/Mathematics Education  
SMED 616: High School Curriculum in Science/ Mathematics Education  
SMED 621: Design in Science/Mathematics Education: Instruction and Outcome Assessment

**Prince George's Community College (PGCC) - Largo, Maryland**

Fall 95 - Spring 99       Instructor of Chemistry,

Taught lecture and laboratory courses in general chemistry 101 and 102 (a university parallel course) and two laboratory sections to accompany the lecture. In addition, I taught the non-science inquiry-based laboratory, which is a prerequisite to Chemistry 101. This course gave students hands-on experience with basic chemical concepts.

**North Carolina Agricultural and Technical State University – Greensboro**

Fall 92 - Spring 95       Instructor, North Carolina, and Physical Science Teacher and Graduate

Assistant, Greensboro Area Math and Science Education (GAMSEC), North Carolina A&T State University, Greensboro, North Carolina, Fall 1992 to Spring 1994. Served in the position as graduate teaching assistant and physical science instructor. Assisted the chemistry department with teaching undergraduate science laboratory classes. Other duties included tutoring science students and proctoring examinations. Subjects ranged from general chemistry to organic chemistry.

### University Service

#### **Howard University**

##### **2018-present**

- Serve on the Provost's Chairs, Assistant Deans, and Associate Deans' monthly meeting
- Serve as the dean's designee for official meetings at the executive level and externally as needed
- Assist with managing the governance process for the School of Education
- Oversee all licensure approval processes for the state for approximately 14 different programs
- Assist with managing the school-wide curriculum committee in the review of new programs and courses, etc.
- Oversee and manage with chairs and program coordinators changes in general handbook changes, program scheme updates, and other academic changes
- Serve on the Executive Committee overseeing the revision of the School of Education (SOE) strategic plan and Bylaws, and other key policy documents
- Evaluation of Instruction Committee-overseeing the selection of a new faculty course evaluation system.
- Oversee and manage faculty success software for Appointment, Tenure and Appointment (AP<sup>2</sup>T)
- Implemented Watermark data management system- Student Learning and Licensure
- Chair Program Coordinator's Group
- Serve on the School of Education Leadership Team
- Co-Chaired Middle States Committee Standard 5 (Assessment)

##### MD System

2010 Strategic Plan University Team  
2008 STEM Taskforce

##### 2007-2013

##### Coppin State University

President's Executive Cabinet  
Curriculum and Standards Committee  
President's Sustainability Taskforce  
Budget Committee  
Stimulus Taskforce  
STEM committee  
Voluntary System of Accountability working group  
Inter-Institutional Resource Management  
University Planning Council, Chair  
University Assessment Committee, Chair  
Middle States Steering Committee, Co-Chair  
Transfer Steering Committee  
Academic Program Review Committee  
President's Council

	Coppin Academy Oversight Board
2006-2007 FAMU	Teacher for a New Era Leadership Committee Inter-Area Council Unit Assessment Committee Dean's Council
2005	University System of Maryland Served on Search Committee for Associate Vice Chancellor for Diversity
2003-2006	Bowie State University Serve on the following committees: Chair, Middle States Committee Standard 7-Institutional Assessment Chair, Tenure and Promotion Committee University Curriculum committee Coordinator of Science Education Maryland Higher Council Committee Advise Science Education and Biology Majors Liaison from Natural Sciences to Teacher Education Council Co-Chair NCATE Assessment Team (2003-2004)
Fall 2000-2003	Temple University. Served on the following committees: Elementary Education Master's Admission Committee Academic Program Committee Worked with the Math/Science Methods Block Science Education Representative
Fall 1999	Southern University - Served on the following committees Chaired - Academic Progress Review Committee Served on: Search Committee Curriculum Committee Admissions Committee Scholarship/Assistantship/Awards Academic Advisement and Mentoring

### Professional Service

2017	<b>Reviewed program and institutional standards</b> for the Education Evaluation Center-National Center for Academic Accreditation and evaluation.
2015	Emirates College of Advanced Education (ECAE) and Commission for Academic Accreditation (CAA) <b>Doctoral Review</b> of programs (Ph.D. and Ed.D., Neuroscience, Instructional Technology and Educational Leadership )
2014	SMART Scholarship <b>Evaluation Panel</b> -Science Mathematics and Research for Transformation, American Society of Engineering Education (ASEE)
2011-2013	<b>NCATE Consultant</b> for Urbana University (Urbana, Ohio). Providing expert advice for seeking initial accreditation. Working with standard 2-assessment.
2011	<b>NCATE Consultant</b> for Urbana University (Urbana, Ohio). Providing expert advice for seeking initial accreditation. Working with standard 2-assessment.

- 2010 **Grant Panelist**-How to write successful grants- focused on building partnerships. February 2010 Coppin State University
- 2008 **E-Health Grant-Evaluator** serve as evaluator for health grant funded by the National Library of Medicine (NLM) and Coppin State University.
- 2007 **NCATE Consultant** for Chowan University on developing an assessment system and preparing standard two for NCATE. Previous projects included Virginia Union University, New Jersey City University, Florida A&M University, The University of Maryland.
- 2007 **NCATE Board of Examiner (BOE)**- participated in training as a BOE member.
- 2005 **Middle States Evaluator**-trained as a middle states evaluator to assess university wide effectiveness and provided recommendation for accreditation.
- 2003-2008 **US Department of Education**-Consultant. Served as a consultant and peer reviewer for the US Dept. of Education on assessment and accountability issues related to NCLB for states. Offers expertise in assessment, accountability and science issues.
- 2005-2007 **National Science Foundation (NSF) Reviewer**-served on numerous panels related to science education, teacher professional development and science curriculum. I also served on the Teacher Professional Continuum advisory board.
- 2005 **Assessment Consultant** - Provided technical assistance on developing science assessment plans and general assessment support to universities for collecting, analyzing and developing assessment systems to meet national accreditation requirements such as NCATE and NSTA.
- 2003-2006 **National Science Board Member** for National Science Teachers Association (NSTA). Serve as expert science assessment advisor and board member to review science programs and rejoinders for science teacher certification programs.
- 2002 **Judge** for the National Society of Black Engineers is presenting the Sixth Annual Golden Torch Awards on Friday, March 19, 2003 in Anaheim, California.
- 2001 **Peer Reviewer**, U.S. Department of Education, National Institute for Disability Research and Rehabilitation.
- 2000 **Science Consultant for the Urban Institute** funded by the National Science Foundation. Conducted classroom observations in science classrooms in El Paso Texas and Philadelphia. Conducted teacher interviews and analyzed science teachers' beliefs and teaching ability. Also teacher's science knowledge and student's understanding of science are analyzed as well.
- 1999 - 2003 **Research Advisory Council Member**, National Institute on Disability Rehabilitation Research and Texas Southern University, College of Continuing Education. Served as consultant and provided a research capacity for creating a research center and facilitating a line inquiry on disability research.
- 1999–Present **Program Committee Member** for Research Association of Minority Professors (RAMP) in conjunction with Howard University: Conference in Washington, DC.
- 2000-200 **Reviewer**. National Association of Research in Science Teaching-(NARST). Served as reviewer of a research manuscript for the early career research award
- 8/97-Present **Reviewer**: Served as reviewer of science proposals for **American Educational Research Association (AERA)** for Division C-Learning and Instruction, Section 3-Science and Research in Black Education (SIG)

**TV and Radio Interviews:** conducted several interviews as an administrator on topics related to education and new initiatives.

- Marc Steiner Show WEAA 88.9 FM. Response to New York Times titled “Plan B: Skip College.” (2010)
- FAMUAN: Florida A&M University newspaper: Covered articles on College of Education’s initiatives and preparing male teachers. (Spring 2007)
- Tallahassee Democrat: two articles on College of Education Initiatives and Bill Cosby’s visit. (Spring 2007)
- WCTV-TV Interview: Discuss plans to create a FTCE lab to address low passing rates on state tests (Fall 2007)
- WCTV-TV Interview: Discuss new initiatives (Spring 2007)
- 102.3-Radio Interview: Discuss new College of Education Initiatives (Spring 2007)
- 102.3 –Radio Interview Issues related to preparing males to enter the teaching profession and Visit with Bill Cosby. (Summer 2007)

### **Funded Grants and Oversight**

2007-2012	Co-PI (Subcontract (\$200K) with The University of Maryland) Project Nexus (\$1.2 million total award) recruiting and retaining middle science teachers.
2008-09	NSF STEM Grant-Academic Affairs (\$2 million)—(oversight)
2007	PI-Project Succeed \$88K-Florida initiative
2007	PI-Teacher Training Compact Grant \$223,000
2005	Project Director, LINC \$70,700. Praxis I and II training for Bowie students and Prince George’s County School teachers
2005	Project Director, Teacher Redesign \$30,000. To work with local schools to support innovative and standards-based teaching practices.
2005	Project Director, SunTrust Bank – National Institutes of Health \$40,000. To conduct health education workshops with the local community
2005	Principal Investigator, Men Equipped to Nurture (M.E.N.) \$347,000. To work with a cohort of male teacher over a fiscal year
2005	Principal Investigator, New Minority Men Health Program (NMMHP) \$147,000. Provide health education workshops for local community and faith-based organizations. (oversight)
2002 – 2003	IPA Grant US Department of Education \$68,808.00
2001 – 2002	IPA Grant NSF “Awarded to Temple University Personal Exchange” \$71,000

Spring/2000	Co-PI-Graduate Assistantship for Science/Mathematics Education: Southern University \$60,000.00
2001 – 2002	IPA Grant NSF “Awarded to Temple University Personal Exchange” \$71,000
Spring/2000	Co-PI-Graduate Assistantship for Science/Mathematics Education: Southern University \$60,000.00

### **Dissertation**

Dantley, S. J. (1999). Examining the effects of technology-enhanced, inquiry Based laboratories on graphing skills, content knowledge, science reasoning ability and attitudes of community college chemistry students. **Dissertation Abstracts**. Advisor: Dr. John W. Layman-The University of Maryland College Park

**Doctoral Dissertation Committees:** worked with many doctoral students to develop their research capacity, *including* developing methods focusing on quantitative and qualitative statistics.

*Howard University*

Committee Chairperson (Defense-April 2020-Ed.D.) Rayaenne King

Committee Chairperson (Defense-April 2019-Ed.D.) Lynda P. Young

Committee Chairperson (Defense-April 2019-Ed.D.) Lorenzo R. Prillman  
*The University of Georgia (Ph.D. Student)* LaShawn A. McNeil

*The University of Southern California*

(Defense-June 2018) Charles Prince- (Ed. D.) served as an External Reviewer

*Bowie State University*

Dr. Yvonne Anderson (received Ed.D. 2010 BSU) served as External Reviewer

Dr. Syrentha Armstrong-Anderson (received Ed.D. 2010 BSU) served as External Reviewer

Dr. Gary Coffee (received Ed.D 2009 BSU), served as External Reviewer

Dr. Michael Hughes (received Ed.D 2009 BSU), served as External Reviewer

Dr. Otis Lee III (received Ed.D 2009 BSU), served as External Reviewer

Dr. Susan Schertzer (received Ed.D 2007 BSU)

Dr. James Huntley (received Ed.D., 2006 BSU)

Dr. Lucille Ellis, (received Ed.D, 2005 BSU)

Dr. Edgar Walker, (received Ed.D, 2005 BSU)

Dr. LeVerne Gray Kimball, (received, Ed.D, 2005 BSU)

Dr. Paul Newsome (received, Ed.D, 2005 BSU)

Dr. Saunders (received, Ed.D, 2005 BSU)

*Southern University*

Dr. Calvin Page, (received Ph.D. 2005, Southern University)

Dr. Deborah Clark, (received Ph.D., 2004 Southern University)

### **State Committees**

2010-2011	Coppin Revitalization Study
2010	Strategic Plan University Team
2008-2009	System Presidential STEM Taskforce
2008	(EAAM) – Committee on the Education of African American Males
2008	(ICAO)- Intersegmental Chief Academic Officers Committee
Present	(STEM) Maryland’s Science Technology Engineering and Mathematics Initiative
2007	Florida Task Force on African-American Males
2006-2007	Florida Dean's Council
2005	Deans and Directors Committee
2005	Education Deans and Directors Committee
2005	Teacher Professional Licensure Standards Committee

### **International Committees**

- **Moderator**, Academy of Business Conference, Durban South Africa
- **Committee Member**: Conference Leadership and Steering Committee: 15<sup>th</sup> Annual International Cross Cultural Research Exchange and Cultural Education Conference (2013), **Lisbon, Portugal**
- **Committee Member**: Conference Leadership and Steering Committee: 14<sup>th</sup> Annual International Cross Cultural Research Exchange and Cultural Education Conference (2012), Sofia University, **Sofia Bulgaria**
- **Committee Member**: Conference Leadership and Steering Committee: 13<sup>th</sup> Annual International Cross Cultural Research Exchange and Cultural Education Conference (2011), Mohammed V University, **Rabat, Morocco**
- **Committee Member**: Conference Leadership and Steering Committee: 13<sup>th</sup> Annual International Cross Cultural Research Exchange and Cultural Education Conference (2010). The Institute of Public Policy, Auckland University of Technology, **Auckland, New Zealand**.



**National Committees**

2013-2014	CHEA-Council International Quality Assurance Group
2013-2014	CHEA-Faculty Accreditation Taskforce
2005 – 2010	AERA-Membership Committee Division H-Movers and Shakers
2005-2006	Beam's Committee
2005 – 2008	Ethnics and Equity Committee (3-year term), National Research in Science Teaching (NARST)
2005 - 2005	Early Faculty Career Award Committee (3-year term), National Research in Science Teaching (NARST)
2003 – 2004	Constitution Committee Research Association of Minority Professors (RAMP)

**National Offices**

2007	President-Elect, Research Association of Minority Professors (RAMP).
2005–2006	First Vice-President, Research Association of Minority Professors (RAMP).
2003 – 2006	Second Vice President, Research Association of Minority Professors (RAMP).
2004 – 2005	Education Foundation Board Member, Omicron Eta Lambda Chapter, Alpha Phi Alpha, Frat. Inc.

**Advisory Boards**

2013-2017	University of Wyoming, NSF Advisory Board-Science and Mathematics Education
2010-2016	The George Washington University Alumni Board-Representative for Colombian College of Arts and Sciences
2007-2011	Oversight Board for Education Corridor-Coppin State University
2008	Center for Minority Training and Capacity Building for Disability Research
2006-2009	Minority Champion/Scholar Project, Texas Southern University College of Continuing Education
2007	Ex-official member: Committee for National Achievers
2007	Boys' Choir of Tallahassee
2006-2007	FAMU Developmental Research Service Advisory Board
2006	Men Equipped to Nurture (M.E.N.)

2006	New Minority Male Health (NMMHP)
2005	Teacher Professional Continuum (TPC) National Science Foundation. This group examines issues in professional development and set agenda items for TPC conference
2004-2006	Disability Research Center, Texas Southern University College of Continuing Education
2003–2006	North Carolina Agricultural and Technical State University, Chemistry Department
2002 – 2003	Banneker Project, Temple University
1999 – 2002	Center for Minority Training and Capacity Building for Disability Research, Texas Southern University College of Continuing Education

### **Editorial Boards**

2015	Editorial Board-E Editorial Discovery Journal -Book in progress: Setting a New Agenda for Student Engagement and Retention in Historically Black Colleges and Universities," released in 2017
2011-present	Journal of Research Association of Minority Professors
2010-2011	Journal of Research in Science Teaching
2008	Journal of Minority Disability Research and Practice
2007- 2010	American Educational Research Journal (AERJ)-Teaching, Learning, and Human Development
2007-2009	Journal of Research Association of Minority Professors (JRAMP)
2006	The Journal of the Alliance of Black School Educators
2000–2003	Journal of Chemical Education
2000 – 2003	Journal of Research Association of Minority Professors (JRAMP)

### **Invited Panelist**

- 2021, 2022, 2023- Invited NSF panelist
- (2020) NSF reviewer for the IUSE program-Directorate of Education and Human Resources
- (2020) NSF reviewer for GRFP virtual Panel
- (2007) National Science Foundation (NSF)-Discovery Research K-12 Panel
- (2007) NSF-ASCEND Prelim review

- (2005) NSF-Advanced Technology Education (ATE) Preliminary Panel
- (2005)-American Educational Research Association (AERA): US Department sponsored Mathematics Achievement panel
- (2005)-NSF-ITEST panel
- (2005)-NSF-Advanced Technology Education (ATE) preliminary panel
- (2004) NSF: (Chair) Informal Science Education Youth and Community Panel
- (2004) NSF:ITEST panel
- (Summer 2003) NSF: Informal Science Education Youth and Community Panel
- (Spring 2003) National Science Foundation (NSF): Presidential Excellence
- Awards in Mathematics and Science Teaching (PEAMST)
- (November 2002) NSF: Informal Science Education ITEST panel
- (2002) NSF: Presidential Excellence Awards in Mathematics and Science Teaching (PEAMST)
- (2001-2003) NIDRR –US Dept. Ed: Community-based Research Project on Technology for Independence

### **Seminars, Workshops and Invited talks**

June 2007: Invited Banquet speaker for Tallahassee National Achievers Society

Spring 2007 Invited Guest Speaker for Kappa Delta Pi (KDP) membership meeting.

March 2002 Title: Overview of NSF programs geared for graduate students. Presented to Present Southern University doctoral program in Mathematics and Science Education

November 2004: Science Process Skills. Presented at Temple University to earlier Childhood and Elementary Education.

### **Professional Affiliations**

Alpha Phi Alpha Fraternity, Inc.

NCATE BOE member and chair

NSTA team member and chair

Association for Science Teacher Education (ASTE), 2004-2006

American Chemical Society, 2000-2004

American Association of Colleges of Teacher Education (AACTE)

American Association of University Professors, 2000-2002

National Science Teacher's Association (NSTA), 2000-2005

National Association for Research in Science Teaching (NARST). 1998-present

American Education Research Association (AERA), Member, 1996-Present

- Division C-Learning and Instruction,
- Division H-School Administration and Evaluation
- Division H Chair of Membership
- SIG-Research Focus on Black Education,
- Discussant and Chair

#### **Evaluation Projects:**

- September 2011: NCAAA and NCATE: Will serve as key Evaluator and Science Expert for the National Commission for Academic Accreditation and Assessment to conduct needs assessments of 25 Colleges of Education located in the Kingdom of Saudi Arabia. The needs assessments are precursors of those colleges' efforts to win accreditation of their education programs.
- 2009-2010 Bowie State University College of Education Evaluator Principal's Institute-served as key evaluator for the College of Education's state grant to conduct a review of a new developed Principal's Institute to produce 25 new principals for the State of Maryland.
- 2009 Spartanburg Housing Authority-Hope VI 2009 Evaluation Study-served as one of three evaluators to analyze survey data generated from a 100 plus resident responses to local South Carolina Housing Authority

#### **NCATE Accreditation Visits**

King's College, Spring 2013, chair

Samford University, Fall 2012, Chair

Washburn University, Fall 2010 and Spring 2011 (Chair)

Texas Southern University, Houston, Tx. Fall 2010

Hampton University, Hampton, Va. Spring 2010

Baker University, KS, Fall 2009

Southern Connecticut State University, New Haven CT, Spring 2009

State University of New York College at Brockport, NY, Spring 2008

The College of New Jersey, New Jersey Fall 2008

#### **Mock visits or consultations:**

Universities in Maryland, Alabama, and Georgia 2020-2022

Sultan Qaboos University

The University of Maryland

Howard University (Spring 2017)

Morris College (fall 2017)

**National Science Teachers Association-NSTA (SPA Science Reviewer and Chair)**  
2004 to 2013

**Middle States Commission of Higher Education Accreditation Visit**  
Medical College of New York, NY, Fall 2006

## **REFERENCES**

See separate document.

10/2/2024