## BONITA E. FLOURNOY, Ed.D

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**ADMINISTRATIVE and TEACHING EXPERIENCE**

**Science Education Associate,** SERC, Carleton College, Northfield, Minnesota

01/2021

**Instructor of Chemistry and Physical Science,** Natural Sciences Department, Georgia Military College, Fayetteville, and Zebulon, Georgia (01/2020 to present)

Teach Physical Science I and II, Principles of Chemistry I and II. Hybrid, fully online and face to face courses and laboratory.

**Senior Director of Workforce Development/Academic Director-Higher Education**

Year UP Greater Atlanta, Atlanta, GA (A non-profit workforce development organization) (2015-2019)

Designed and facilitated all aspects of the professional workforce training program. Built and delivered a strong technology and business education program with college partners. Lead strategic growth for the Year Up Professional Training Corps (PTC) for young adults 18-24. Over saw daily operations and expanded the site’s program activities. Delivered quality student services for all participants through assessment, planning, care coordination, and evaluation. Provided strategic vision and leadership for the academic program to ensure academic course work alignment with entry level career track jobs, driven by market analysis. Developed and implemented a robust and successful learning and development program. Recruited, hired, and evaluated staff. Developed fiscal budget and monitored expenditures. Empowered strengths of all team members and flexed individual style to most effectively lead/coach/mentor/manage team members in a collaborative, team-based environment. Leveraged industry partners for service support and corporate internships.

*Significant Accomplishments:*

* Launched 1st and 2nd Greater Atlanta Professional Training Corps (PTC -A workforce development training program in partnership with two technical colleges).
* Met target enrollment at100%.
* Completed curriculum alignment with professional standards.
* Hired 100% of staffing model.
* Provide instructional workshops for professional development of staff.
* Evaluated and assessed instructors and staff and created individual professional development plans for continuous improvement.
* Exceeded retention and graduation rates at 90%.
* Delivered 97% student success rate in technology and professional soft skill courses.
* Provided quality student services support for those with special needs.
* Designed, aligned, implemented curriculum for Information Technology, Cyber Security, Java Programming, and Sales Support .
* Developed strategic partnerships with Fortune 500 and 1000 companies
* Developed network of IT industry partners
* Received American Council of Education (ACE) standard recognition for all Year UP courses.
* Secured Articulation Agreements and MOUs with educational and industry agencies.

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* Created and implemented strategic plan for start-up of the Professional Training Corps (PTC).
* Wrote grants for funding to support start-up and provide support services

**Dean and Professor, Division of Science, Mathematics, and Health Professions**

Atlanta Metropolitan State College, Atlanta, GA (2010 – 2013 and 2014 – 2015)

Provided leadership for the daily operations of the division. Recruited, hired, and evaluated instructional and support staff. Created and managed operational budget. Developed and maintained standards-based, high quality curriculum and programs. Enforced standards –based laboratory environment for science and health professions laboratories. Secured funding, through federal and private sector grant writing and philanthropic giving. Developed partnerships and collaboratives within the community and globally. Taught face- to- face, hybrid and fully online courses (Physical Science I and II, Survey of Chemistry I, and Topics in Science). Developed and executed system for conflict management and student appeals.

*Significant Accomplishments:*

* Developed Atlanta Metropolitan State College’s first baccalaureate programs; Bachelor of Science in Biological Science and Bachelor of Science in Applied Mathematics, each of which received full SACSCOC accreditation.
* Directed comprehensive program reviews for each divisional program.
* Established the STEM Scholarship Program.
* Established the inaugural Divisional Newsletter “Gateway”.
* Increased the percentage of doctoral degree holding faculty in the division from 60 to 85%
* Increased collaborative partnerships with educational systems, industry and international sectors. These included the Grady Health System Radiologic Technology program, Atlanta Public Schools Summer STEM Bridge program, and Internship Research program with the Universidad Nacional de Colombia and Universidad Jorge Tadeo Lozano**,** Bogota, Columbia.
* Developed the STEM High School Recruitment Program
* Developed Complete College Georgia Plan in collaboration with Office of Institutional Effectiveness
* Established the Environmental Sustainability Project with the Environmental Protection Agency (EPA) and City of East Point.

**Interim Vice President of Academic Affairs**

Atlanta Metropolitan State College, Atlanta, GA (2013- 2014)

Served as the Chief Academic Officer of the college and reported to the President.  Reporting to the Vice President were the Assistant Vice President for Distance Education, Assistant Vice President for Professional Development, and four Academic Deans. Other units reporting to the VPAA were Director of Academic Advising, Director of Learning Support, Director of Library Services, Director of Academic Support Services, Director of Testing Services, and the Chief Information Officer/Management and Information Systems.

Executed program reviews for quality and assessment of baccalaureate, associate, and certificate programs; continuing and adult education programs; Secured national, regional, and program reaffirmation of accreditation of programs in divisions of science, humanities, and business; developed and monitored fiscal budget and expenditures, supported President with strategic planning; provided opportunities and funding for faculty development; built business and industry partnerships; wrote and secured grant awards.

*Significant Accomplishments:*

* Comprehensively reviewed various Learning Management Systems(LMS) and selected campus-wide platform for instructional delivery and assessment
* Utilized Quality Matters for review and evaluation of curriculum and programming.
* Provided leadership for the development of three additional baccalaureate programs: Criminal Justice, Digital Media, and Joint Early Childhood Education program with Kennesaw State University.
* Transitioned Learning Support program to Gateway –Co-requisite course model
* Obtained sector- level change from associate degree granting college to balanced sector level one associate and baccalaureate granting institution.
* Implemented first year of Joint Program for Early Childhood Education baccalaureate program with Kennesaw State University.
* Implemented the inaugural offering of the Moses Ector Law Enforcement Leadership Academy for certification training of law enforcement officers.
* Provided planning and oversight of the Georgia Tech Joint Learning Support Program
* Established a USG noted Adult Learner Education Program
* Revised Promotion and Tenure criteria and process
* Revised Faculty Annual Performance Evaluation Instrument
* Revised AMSC Catalog 2013-2014

**Associate Professor of Science Education and Program Coordinator**

Columbus State University, Columbus, GA (2006 – 2010)

Developed new programs, gathered and analyzed program data and outcomes, wrote and

presented reports, and monitored programs’ alignment with state and national standards (SACS,

NCATE, and Georgia PSC). Advised undergraduate and graduate students in B.A. Science

Education, M.A.T, M.Ed., and Ed.S programs. Supervised and evaluated practicum student

teachers in middle and secondary science in surrounding county school systems of Columbus

GA, and schools in Henry county Georgia. Observed and evaluated clinical students

in middle and secondary school science. Taught undergraduate and graduate science education

courses; face to face as well as asynchronous online. (Teaching Science in Middle Grades,

Methods in Secondary Science, Teacher Inquiry Investigation, Leadership in the Curriculum

Change Process, Curriculum Studies in Science, Teaching Physical Science Concepts for Middle

Grades, and Teaching Life Science Concepts for Middle Grades). Served as major professor and

advisor on thesis and doctoral committees. Wrote winning grants for science and math education.

*Significant Accomplishments*:

* Developed the fully online Master of Arts in Teaching program in Secondary Science Education.
* Planned and hosted the Georgia Academy of Science Annual Conference.
* Developed the first doctoral program in Leadership and Curriculum; served on the selection committee for the first cohort.
* Served as major advisor for Master’s and Ed.S thesis students in science education.
* Prepared students for passing first-time test taking of GACE in all science areas.

**Chair (2000-2002) and Associate Professor of Science Education**

Clark Atlanta University, Atlanta, GA, (2000 - 2006)

Over saw daily operations of the department. Recruited, supervised, and evaluated faculty and staff; developed and maintained standards-based curriculum in early childhood, middle grades, and secondary education; developed strategic goals and plans for assessment of departmental programs, collected data and reports for NCATE and state PSC re-accreditation; developed course schedule; wrote grants and secured federal and private sector funding; provided professional development opportunities for faculty and staff; developed and :monitored operational budget and expenditures.

Taught Biology, Chemistry, Physics, and Earth Systems Science for middle and secondary school teachers. Taught science curriculum and methods courses for middle and secondary grades pre-service teacher candidates. Taught the Research Design and Evaluation in Education, and Action Research courses. Advised undergraduate and graduate science education majors and supervised student teachers. Performed scholarly research; served on school and university committees. Served as Coordinator for the Master of Arts in Teaching Science Education Program.

*Significant Accomplishments Include:*

* Developed the first Master of Arts in Teaching (MAT) in Science Education and Master of Arts in Teaching in Mathematics Education, as well as served as the Coordinator for the MAT programs.
* Served as major advisor for Masters’ and Ed.S thesis committees.
* Established guidelines and practices to ensure teacher education candidates passing of PRAXIS as first- time test takers.
* Increased number of practicum placement sites for teacher education candidates.
* Transitioned successful student test preparation from PRAXIS to GACE.
* Served as Graduate Coordinator: evaluated applications for admission to programs, developed program schedules, hired graduate faculty, created and revised programs, coordination and administration of comprehensive exams.

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**OTHER PROFESSIONAL EXPERIENCE**

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**Program Manager,** GP-Impact: Expanding Earth Education in Historically Black Colleges and Universities

Savannah State University, Savannah, GA (2019-Present)

* Develop research management plan for consortium of five HBCUs
* Collect, manage, and analyze data utilizing Excel and Dedoose
* Develop and present reports to Advisory Council, Principal Investigator and Co-Principal Investigators
* Conduct interviews, forums, and panels of participants, including, executives, administrators, scientists, faculty, and students

**Career Advisor,**

Lincoln Technical College, Marietta ,GA (2019-2020)

* Developed partnerships with targeted industries.

* Generated leads for employment in Medical Assisting, HVAC, and Electrical and Electronic Systems
* Developed and presented workshops for professional development in career readiness, such as: Resume Writing, Interviewing, Professional Networking, and Job Searches
* Entered and maintained data in Campus Vue and Share Point
* Identified a pool of employers and scheduled interviews for graduates

**Associate Professor/Part-time**

University of Georgia, Athens, GA (2005 – 2007)

Taught Teaching Science to Children with Special Needs course for early childhood through secondary grades.

**Atlanta City Public School System, Atlanta, GA (2003 – 2006)**

Instructor/Consultant:

Developed courses and facilitated professional development in Earth Systems Science and Physical Science for Middle Grades Teachers to receive endorsement or certification to teach science.

**EDUCATION**

**Ed.D,** University of Georgia, Athens, GA,

Major: Science Education/Chemistry

**M.A.,** Clark Atlanta University, Atlanta, GA,

Major: Curriculum and Instruction/Chemistry

**B.S.**, Bishop College, Dallas, TX,

Major: Chemistry Minor: Biology

**CERTIFICATION/TRAINING**

Predictive Index Certification (2017)

Project Management (2016)

Customer Service (2016)

Bio-hazardous Waste Training, Georgia State University (2014)

Environmental Protection Agency Grant Writing (2014)

Executive Leadership Institute, University System of Georgia (2012)

Population Education Connection Facilitator (2011)

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**PROFFESSIONAL AND SCHOLARLY ACTIVITIES**

**Grant Writing:**

Selected Grants for which I served as the Principal Investigator or Co-PI; garnering over 2.8

million dollars.

* LSAMP Louis Stokes Alliance for Minority Participation, funded by the National Science Foundation, Atlanta Metropolitan State College, subcontracted through Clark Atlanta University (October 2013-2016)
* Adult Learner Consortium GOAL, Development of special programming for Adult Learners, funded by the University System of Georgia**,** (2013-2014)
* Atlanta Metropolitan College, *LSAMP* continuing program, funded by the National Science Foundation; to recruit, sustain, bridge and provide research experiences for undergraduates in STEM.(October 2010-2012)
* Columbus State University *Quality Fellowship Proposals* Writing to Improve Scientific Literacy by CSU Quality Fellowship Proposals; (December 2008-2009)
* Teacher Quality Science Inquiry Project, collaboratively written with College of Science at Columbus State University with Dr. Anil Banerjee, funded through National Science Foundation, subcontracted through University of Georgia (2007-2009)
* Clark Atlanta University and Partners Center for Preparing Science and Mathematics Teachers for Hard to Staff Schools, funded by National Aeronautics and Space Administration NASA (2002-2005)
* IRIS Implementation Site, Vanderbilt University IRIS Center for Faculty

Development, through the U.S. Department of Education, (2005-2006)

* Hands-on Science Learning Centers, a Service-Learning Project, funded by the National Service-Learning Project, Clark Atlanta University Program (2003-2004)
* Science Mathematics and Assessment through Technology (SMATT), funded by the Eisenhower Higher Education Program for Mathematics and Science (2001-2002; 2000-2001)
* Competency in Technology Infusion in the Classroom, funded by Center for Excellence in Teaching and Learning, development of web-enhanced course for pre-service teachers (2001)

**Publications and Presentations:**

***Publications:***

Flournoy, B. (2016). Black women and science in higher education. In U. Thomas & J. Drake (Eds.), Critical research on sexism and racism in STEM fields (170-180).Hershey, PA: IGI

Flournoy, B. and Manley, O. (2007). Writing across the curriculum: Designing science lessons using the theory of multiple intelligences to promote literacy, *Perspectives in Learning*, 8, (2), 82-93.

Flournoy, B. (2006). High school students’ attitudes toward writing in science, Georgia *Journal of Science*, 64, (1).

Smith, T., & Flournoy, B. (2006). Effective teacher characteristics on middle grades students’ mathematics achievement, *Georgia Journal of Science,* 64, (1**).**

Manley, O., & Flournoy, B. (2005). One strategy does not work for all: Teaching diverse student populations*, The Georgia Science Teacher, 45 (3)16-18.*

Flournoy, B. (2005). Enriching pre-college science and mathematics’ teachers’ research skills using research scientists as mentors, *Georgia Journal of Science*, 63, and (1)83-84.

Bolton, N., & Flournoy, B. (2005). Students’ retention of science content through various assessment measures, *Georgia Journal of Science*, 63(1), 80.

Kelly, E. & Flournoy, B. (2005). Using a skill matrix as a predictor of student success on a physical science End of the Course (EOCT) Test*, Georgia Journal of Science*, *63(1), 81.*

Flournoy, B. (2004). Increasing middle grades students’ interest in science through infusion of technology and hands-on science teaching, *Georgia Journal of Science*, *62(1), 66.*

Matthews, G. & Flournoy, B. (2004). The effect of instructional distractions, instructional process, and the lack of motivation on meeting intended science objectives*. Georgia Journal of Science, 62(1), 64.*

Flournoy, B. (2003). Science in the Multicultural Classroom: A review, (2ed.), Roberta H. Barba, *Multicultural Perspectives*, 5 (2).

Flournoy, B., Cook-Bax, J. & Harris, L. (2001). The science mathematics connection, *The Science Teacher*, 68 (6) 63-66.

Alick -Flournoy, B. (2000). Neuroscience: Brain in space, a curriculum for grades 4-12”, *National Aeronautics and Space Administration Publication*.

Alick-Flournoy, B., & Atwater, M. (1994). Bridging chemical problem solving and misconceptions in different contexts, International Council of Science Education (ICASE) Proceedings.

Alick, B. (1993). Case studies of the effect of learning styles, problem-solving strategies and instructional strategies on the achievement of African American college students in general chemistry *Dissertation Abstracts International,* 54(06-A), 2108,

Alick, B. (1990). Cognitive development and problem-solving strategies of African American college students in chemistry, *Journal of Research in Science Teaching*, 2*7(2)157-172.*

Alick, B. & Atwater M. (1988). Problem solving strategies and the success of Afro-American science majors, *School, Science and Mathematics*, 8, 659-665.

Alick, B., Bridges, C., Cox Jr, T., Earl, V., & Thedford, R. (1988). Separation of synthetic cycloalkylated bases, nucleosides and nucleotides by reversed-phase high-performance liquid chromatography. *Journal of Chromatography B: Biomedical Sciences and Applications*, *430*, 309-317.

# ***Papers Presented (selected):***

Flournoy, B. & Ravi, K. (2014, October). Retooling Atlanta Metropolitan State

College adult learners for college and beyond, National Council for Workforce Education, Pittsburg, PA.

Flournoy, B. (2013, November). The digital age of the 21st century: Its impact on learning and science instruction**.** University of Georgia, David Butts Science Education Award Program, University of Georgia, Athens, GA.

Flournoy, B. (2013, November). Population education, National Association of Biology Teacher Educators, Atlanta, GA.

Flournoy, B. (2012, February). 7 Billion and counting: lessons for our planet’s future, Georgia Science Teachers Association.

Flournoy, B. (2012, April). Partnership building in the workforce, University System of Georgia Workforce Development Summit.

Ojo, A., & Flournoy, B., (2011, April). Best practices for minority retention and sustainability in science and mathematics: The Mathematics Engineering Science Achievement (MESA) and the Louis Stoke Alliance for Minority Participation (LSAMP) Models at Atlanta Metropolitan College (AMC). Georgia Science Teachers Association (GAS), University of North Georgia,

Ojo, A. & Flournoy, B. (2010, October). Best practices for minority retention and sustainability in science and mathematics: The Mathematics Engineering Science Achievement (MESA) and the Louis Stokes Alliance for Minority Participation (LSAMP) models at Atlanta Metropolitan College Georgia Educational Research Association (GERA), Savannah, GA.

Flournoy, B, & Mandock, R. (2008, March). Using real-time atmospheric science data to determine diurnal water cycles in trees infusing technology in teaching science, National Science Teachers Association. Boston, Massachusetts.

Flournoy, B. & Mandock, R. (2008, November). Using technology to enrich Earth Systems Science instruction, Georgia Educational Technology conference Atlanta, Georgia.

Flournoy, B. & Sneed, S. (2008, March). Jacksonville, Florida, Joint meeting of the Georgia and Florida Academy of Science.

Flournoy, B. (2007, October).An analysis of self- assessment of pre-service science teachers and their perception of preparedness, Georgia Educational Research Association, Savannah, Georgia.

Flournoy, B. (2007, April). Instructional Strategies in Science and Literacy for Middle and Secondary Grade Urban Learners, presented at the National Science Teachers Association (NSTA), St. Louis, Missouri.

Flournoy, B. (2006, October). Teacher preparation: rethinking what works, Georgia Education Research Association (GERA), Savannah, GA

Rucker, S., King, J., & Flournoy, B. (2006, April). Training teacher leaders, presented at the National Council of Teachers of Mathematics (NCTM), St Louis, Missouri.

Flournoy, B. (2005, June).Teaching science to middle grades students in the Ben Carson Science Academy, paper presented at the Morehouse School of Medicine, Atlanta, GA,

Flournoy, B. (2005, March). Enriching pre-college science and mathematics teachers’ research skills using research scientists as mentors, paper presented at the Georgia Academy of Science, Dalton College, and Barnesville, GA.

Manley, O., & Flournoy, B. (2005, March). Using multiple intelligences strategies for teaching across the curriculum, paper presented at the Georgia Science Teachers Association, Columbus, GA

Roberts, T., Bolton, N., Baker, D., & Flournoy, B. (2005, April). Multiculturalism and diversity inclusion in science media, paper presented at the Social Justice Conference, Clark Atlanta University, Atlanta GA

Flournoy, B. (2004, April).Using partnerships to recruit, retain, and sustain science and mathematics teachers for hard to staff schools, paper presented at the National Science Teachers Association Regional Conference, Seattle, Washington.

Flournoy, B. (2004, spring).Teaching integrated science for secondary schools, an invited talk for the Atlanta Public Schools and Georgia Institute of Technology MASKIL, Georgia Tech Conference Center.

Flournoy, B. (2004, May). How to prepare science projects, an invited talk for the Ben Carson Science Academy Faculty and Staff of the Morehouse School of Medicine, Atlanta, GA.

Manley, Ollie, & Flournoy, B. (2004, April).Teaching science using Multiple Intelligences as an instructional strategy, paper presented at the National Science Teachers Association National Conference, Atlanta, Georgia World Congress Center.

Herbert, Darlene, & Flournoy, B. (2004, March) .Gender bias: The hidden curriculum, a poster presented at the Georgia Academy of Science, Berry College.

Flournoy, B. (2003, May). Recruiting and preparing mathematics and science teachers for urban schools, a paper presented at the NASA MASTAP Annual Conference, Goddard Space Flight Center, Greenbelt, MD.

Flournoy, B. (2002, spring) .Science mathematics and assessment through technology: An integrated approach, a paper presented at the Eisenhower Higher Education Program for Mathematics and Science Conference, University of Georgia, Athens Georgia

Flournoy, B. (2002, April). Teaching science in a multicultural classroom, a paper resented at the Georgia Association of Teacher Educators conference, St. Simons Island, GA

Flournoy, B. (2002, February). Science, mathematics and assessment through technology, a paper presented at the Georgia Science Teachers Association Conference, Jekyll Island, SC

Flournoy, B.(2001, spring).Science Teachers Open Support System Review, NASA MASTAP Program directors meeting, Atlanta, GA , Hilton.

Flournoy, B. (2000, February).Integrated science and mathematics instruction, a paper presented at the Georgia Science Teachers Association, Macon, GA.

***Creative Works and Resources:***

Flournoy, B. (2008, May). Developed Executive Summary for Atlanta Metropolitan College Systemic Partnership Award funded by NASA.

Flournoy, B. (2008, November). Reviewed textbook manuscript ‘Teaching Science Inquiry for Middle and Secondary Grades,’ for Pearson Publishing.

Flournoy, B. (2005, April). Developed the 7th and 8th grade Science Curriculum for the Ben Carson Science Academy, Morehouse School of Medicine, Atlanta, GA.

Flournoy, B. (2005, March). Developed a 6th grade science curriculum for the Ben Carson Science Academy, Morehouse School of Medicine, Atlanta, GA.

Flournoy, B. (2004, April). Developed a 5th Grade Science Curriculum for the Ben Carson Science Academy, Morehouse School of Medicine.

Flournoy, B. Latham, K., & McDonald, V. (2004, May). Integrated Science and Mathematics Module”, STOSS Summer Institute.

Flournoy, B., & Cook-Bax, J. (2004, May). Integrated Science and Mathematics Lessons, Earth Systems Science and Algebra,” modules for SMATT Summer Institute.

**Other** **Scholarly Activities**

***Proposal Reviewer:***

National Atmospheric and Space Association (NASA), Global Climate Change Proposals, (November 2008, 2009)

Georgia Academy of Science Annual Conference (2005, 2006, 2007, 2008, 2011)

National Science Teachers Association National Conference (2004)

Eisenhower Higher Education Professional Development Program for Mathematics and Science, (2002)

U.S. Department of Education, Solicitation of Proposals for Disabilities Programs, (2002)

***Workshop Facilitator:***

Population Education Connection Workshop Facilitator, Georgia Science Teachers Association, (February 2012)

CSU Future Science Teachers Academy, Earth Science for secondary grade students in Muscogee and surrounding counties, (June 2008)

Ben Carson Academy, Morehouse School of Medicine, How to Facilitate Students in the Preparation of a Science Project (Summer 2004)

Atlanta Metropolitan College Health Careers Opportunity Program (HCOP) Technical Writing Workshop (Summer 2004)

Mathematics and Science Knowledge Using Integrated Learning (MASKIL), Atlanta Public Schools and Georgia Institute of Technology (July 2004)

#### Clark Atlanta PAIR Program Technical Writing Workshop (Spring 2004)

#### COMMUNITY and SCHOOL SERVICE

***Community:***

* I Am Beautiful Girls Empowerment 2019 to present
* Girl Scouts of North Georgia, Volunteer, (2010 to 2016)
* American Association of University Women, Atlanta Chapter, Member, (2012 to 2015)
* Hands-On-Henry, Volunteer, (2010-present)
* YWCA, North Atlanta, G-Tech Girls Program, Advisory Council Member, (2006 to 2015)
* National Science Teachers Association Committee on College Science Teaching, Member, (2005-2008)
* National Science Education Congress, Delegate, A national organization to develop policy for science education, Minneapolis, MN, (August 3-6, 2005)
* Sustaining Urban Villages, Consultant, An Outdoor Learning Center emphasizing the community and its responsibility to the environment, Atlanta, GA, (2004-2005)
* Clark Atlanta University and Partners Summer Fellows Institute, Director, In-service training for science and mathematics middle and secondary teachers to gain research experiences in ‘real world’ research, and infusion of NASA curriculum materials in standards-based curriculum in order to implement in everyday classroom teaching, (June 6-17, 2005)
* National Science Teachers Association Student Chapter, Advisor ,Clark Atlanta Univ., (2004 to present)
* Clark Atlanta University and Partners Summer Fellows Institute, Director, In-service training for science and mathematics middle and secondary teachers to gain research experience and infusion of NASA curriculum materials in standards-based curriculum, (June 7-18, 2004)
* CAPMASS Mentor Induction Workshop, (February 19, 2004)
* Clark Atlanta University and Partners Summer Fellows Institute, Facilitato**r**, in-service training for science and mathematics middle and secondary teachers to gain research experience and infusion of NASA curriculum materials in standards-based curriculum, (June 2-13, 2003)
* Atlanta Public Schools and Georgia Institute of Technology, Instructor; for earth science and physical science professional development courses MGMSI, science and mathematics endorsement program for in-service teachers, (September 2003-March 2005)
* University Community Center Charter School, Clark Atlanta University Representative Board Member**,** (2002-2003)
* Project GRAD-Atlanta, Reform Initiative for Atlanta Public Schools, **Instructor** in chemistry, (Summer 2002)
* Clark Atlanta University Middle Grades Advisory Council, Chair**,** (2001-2002)
* Atlanta Systemic Initiative, Atlanta Public Schools Science and Math Systemic Initiative with Clark Atlanta University, Liaison, (2002-2003)
* Community Service and Outreach Committee, Member, assist in assigning community projects with CAU and surrounding Community, ( 2000-2002 )
* Professional Development Workshop for Atlanta Public Schools, Facilitator , (1998-2002)
* Atlanta Public Schools screening committee for Coordinator of Star Academy Teacher Preparation Program, Washington High School (2000)
* Atlanta Public Schools professional development in integrated science and mathematics and alternative assessment measures, Instructor,(2000)

***School/University:***

* Atlanta Metropolitan State College (AMSC), Dean’s Council (2010-2015)
* AMSC Executive Committee (2011-2014)
* AMSC Institutional Effectiveness Committee (2010-2015)
* AMSC Institutional Calendar Committee(2010-2011)
* AMSC Program Review Committee, Chair (2012-2013)
* Columbus State University (CSU), Mathematics and Science Teachers Council (MASST), (2006-2010)
* CSU STEADY Program, Mentor for 11 in-service science teachers from Muscogee and Harris counties. (2006-2010)
* CSU ACE Project, Mentor for 3 undergraduate students from underrepresented groups (2006-2007)
* CSU Student Chapter NSTA, Advisor (2006-2010)
* CSU, College of Education, Governance Committee, member (2006-2007)
* CAU School of Education Promotion and Tenure Committee, member (2005-2006)
* CAU University Ceremonials Committee, member (2005-2006)
* CAU University Grievance Committee, member (2005-2006)
* CAU SACS Internal Review Self-Study Committee, member (2005)
* CAU SED Curriculum Committee, Chair.(2004-2005)
* CAU SACS Special Project Committee on Faculty Evaluation (Summer 2004)
* CAU University Academic Council Committee on Committees (2003-2004)
* CAU SED Graduate Admissions Committee, Chair ( 2003-2005 )
* CAU SED Graduate Assistantship Committee, convener ( 2003-2005)
* CAU SED Teacher Education Committee, member ( 2003-2004 )
  + NCATE Steering Committee, member (2003-2004)
* NCATE Exhibits Room, Chair (2002-2004)
* CAU University Senate, member (2002)
* Adhoc Committee on Graduate programs revisions, convener (2000)
* CAU SED Promotion and Tenure Committee, member. (2000-2001)
  + CAU Department of Curriculum Ph.D. Development Committee (2000)

**PROFESSIONAL AWARDS AND HONORS**

* David Butts Distinguished Award in Science Education, University of Georgia, (2013)
* University System of Georgia, Executive Leadership Fellow (2012)
* Staff of the Month, Atlanta Metropolitan State College, (2012)
* Service-Learning Award, Clark Atlanta University, (2002)

### PROFESSIONAL AFFILIATIONS

* National Association of Geoscience Education, 2019-present
* Women In Technology (2018-present)
* Atlanta Business League(2017-present)
* National Council for Workforce Education (2014,2015,2016)
* College Board National Academic Assembly Delegate (2013, 2014)
* Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) (2012, 2013)
* American Association of University Women National Chapter (AAUW) (2012-2015)
* National Science Teachers Association (NSTA) (2005-2015)
* Georgia Science Teachers Association (GSTA) (2005-2016)
* Georgia Academy of Science (GAS) (2005-2015)
* Georgia Educational Research Association (GERA) (2010 – 2013)