

Dontarie Stallings, Ph.D.

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I. EDUCATION

- The University of Alabama | Tuscaloosa, AL** Aug. '02 — Aug. '06
Ph.D., Chemistry
- Georgia Southern University | Statesboro, GA** Aug. '97 — May '02
B.S., Chemistry

II. EMPLOYMENT EXPERIENCE

- University of California San Diego** Jan. '20 — Current
▪ *Assistant Teaching Professor*
- Johns Hopkins University** Jan. 20 — Current
▪ *OXIDE Associate Director*
- Johns Hopkins University** Jun. '16 — Dec. '19
▪ *OXIDE Research and Program Manager | Principal Research Scholar*
- Georgia Institute of Technology** Jan. '15 — Jun. '16
▪ *OXIDE Research and Program Manager | Research Scientist*
- Atlanta Metropolitan State College** Aug. '13 — Dec. '14
▪ *Assistant Professor | Chemistry Program Coordinator*
- Savannah State University** Aug. '12 — May '13
▪ *Temporary Instructor*
- Georgia Southern University** Aug. '06 — Aug. '12
▪ *Assistant Professor*

III. SCHOLARSHIP

A. Diversity & Inclusion Policy

OXIDE Research and Program Manager

Johns Hopkins University | Georgia Institute of Technology | Atlanta, GA Jan. '15 — Current

- **Consulting:** Leads a group that generates consulting strategies for developing organization specific policies and procedures to improve diversity and inclusion within the academic chemistry ranks.
 - Consulted with leading Chemistry Departments to develop and implement program specific 3-5-year action plans to increase diversity, inclusion, and equity —adopted by multiple top-50 chemistry departments.
 - Designed targeted diversity and inclusion best practices communications that were tailored specifically to the chemistry field —published in field leading professional magazine.
 - Directed initiatives and change management strategies —realized an increase of 25% among women and underrepresented minorities chemistry faculty members.
 - Acted as a strategic advisor and subject matter expert to vice-presidents on talent forecasting —resulting in introduction of updated diversity and inclusion policies.
 - Served as a partner, consultant, and ally in complex and confidential workplace matters —led to 4 programs requesting advice pertaining to strategic hiring & retention of underrepresented minority faculty.
 - Reviewed data analytics and made recommendations based on population demographic trends —culminated in multiple chemistry departments adopting 'Diversity Action Committees'.
- **Assessment:** Develops and implements organization / program specific assessment instruments that assesses targeted institution outcomes and professional climates.
 - Created and implemented climate assessment tool used to quantify the organization's baseline level of inclusion —has been used by 8 top ranked chemistry departments.

- Created a survey to gather data used to quantify the level of diversity among faculty —has been used for the past 3 years by over 110 chemistry departments.
- Invited site-assessor for National Science Foundation's Advance Program —report resulted in policy and practice adjustments by assessed institution.
- Developed and utilized an assessment instrument for workshops —assessed the efficacy of the workshop and the knowledge learned by participants during the workshop.
- Self-assessed current organization —led to materials utilized to secure external funding.
- **Workshop Design / Facilitation:** Facilitates and designs workshops / courses that provide strategies to improve retention, development, progression, and performance of individuals from underrepresented groups.
 - Coordinated, led, and budgeted for a \$350,000 biennial workshop designed to inform department chair's about initiatives that increase diversity and inclusion within their departments —Completed (2015 & 2017), In-progress (2019)
 - Traveled to institutions and facilitated workshops to university leaders on diversity, inclusion, and equity best practices —initiated the adoption of new programmatic policies, procedures, and practices.
- **Leadership / Management:** I am a people-oriented leader that focuses on creating organization successes by leveraging professional growth behavior among my reportees.
 - Overhauled organization's SOPs to achieve and exceed project's target goals —secured \$600,000 in external funding for diversity and inclusion program.
 - Managed and directed a cross-functional team of seven research scientists, associates, and administrators to identify inequity in the recruiting, retention, and promotion of chemist.
 - Demonstrated the ability to work within ambiguous situations and make informed decisions with logical reasoning —led to external consulting opportunities within the field of diversity and inclusion.
 - Made recommendations and coached leadership on employee interactions —enabled a change in organizational leadership style.
- **Dissemination:** Prolific writer, speaker, and data analyst that effectively communicates policy and technical topics through multiple mediums.
 - Developed and published a peer-reviewed book which focused on diversity, inclusion, and equity within STEM related fields —[National Diversity Equity Workshops in Chemical Sciences \(2011 - 2017\)](#)
 - Published demographic data assessing the representation of underrepresented minorities within chemistry faculty ranks —[New Survey On Minority Chemistry Professors Released](#) (2015) & [Few Gains for Minority Chemistry Professors](#) (2017).
 - Published demographic data assessing the representation of underrepresented minorities within chemistry faculty ranks —[Women crack the academic glass ceiling](#) (2016).
 - Invited to speak on policy and best practices (with respect to diversity, inclusion, and equity) at multiple universities and professional organizations
 - Highlighted university talks: Georgia Institute of Technology (2018 & 2015) | Brown University (2017) | Middle Tennessee State University (2017)
 - Highlighted professional organization talks: Southeast Regional Meeting of the American Chemical Society (SERMACS 2016 & 2017) | National Organization for the Professional Advancement of Black Chemist and Chemical Engineers (NOBCChE 2015 & 2016) | American Chemical Society (ACS 2016 & 2017)
 - Developed and launched website which serves a repository for diversity and inclusion policies within the chemistry field —oxide.jhu.edu

Assistant Professor

Georgia Southern University | Statesboro, GA

Aug. '06 — Aug. '12

- **Leadership / Management:** Efforts revolved around creating a culture of learning, collaboration, and inclusion that permeated all student populations.
 - Facilitated and directed National Science Foundation's Research Experience for Undergraduate students program —managed \$238,000 in funding for under-represented minorities to perform research.
 - Directed and supervised National Science Foundation's Research Experience for Teachers —managed \$93,000 in funding for K-12 teachers who served students from low-income districts to gain lab experience.
 - Served as founding board member for the Hearts and Hands Free Clinic —provides medical, eye, and dental care to low-income families.
 - Founded chapter and served as advisor for National Organization for the Professional Advancement of Black Chemists and Engineers (NOBCChE) —led to \$3,400 in funding for student professional development and a thriving undergraduate chapter of NOBCChE.

- Primary mentor and coach for underrepresented STEM students —led to multiple students attending graduate / health professional programs.
- Research advisor for Ronald E. McNair Post-baccalaureate Achievement Program —provided mentorship and research opportunities to minorities in pursuit of post-doctoral studies.

B. Chemistry Research

Assistant Professor

Georgia Southern University | Statesboro, GA

Aug. '06 — Aug. '12

- **Designed and led research:** Used applied biochemistry to covalently immobilize enzymes to target surfaces. The aim of the research was to generate an economically feasible and environmentally advantageous technique to mass-produce molecular hydrogen in an aqueous system using the enzyme iron-only hydrogenase. The research can be divided into three tiers.
 - **Biochemistry:** Expression of Sol Gel encapsulated Hydrogenases Active expression of Cutinase fused enzymes. Techniques used —bacterium and fungal propagation, PCR, rt-PCR, plasmid isolation, SDSPAGE, DNA gel electrophoresis, electroporation, protein purification, protein characterization, and cloning.
 - **Organic Chemistry:** Air-sensitive synthesis of organic compounds. Techniques used —NMR, IR, GC- MS, air-sensitive extractions and transfer, and distillation.
 - **Surface Chemistry:** Characterization of functionalized self - assembled monolayers on target surfaces. Techniques used —AFM, wet etching, and generation of self - assembled monolayers, construction of reaction chamber, ATR, and surface functionalization.
- **Principal Investigator** for the NSF-REU Program in Chemistry and Biology at Georgia Southern University: Partnering with LSAMP Programs to Provide Research Opportunities for Underrepresented Minority Students. (Aug. '08 — Jan.'10)
 - **Director:** Georgia Southern Summer Undergraduate Research Group
 - **Director:** Professional Development Seminar Series
 - **Director:** Undergraduate Researcher Recruitment
- **Principal Investigator** for the NSF-RET Program in Chemistry and Biology at Georgia Southern University: K-12 teachers participated in authentic research in Chemistry and Biology. (Aug. '08 — Jan. '10)
 - **Director:** Georgia Southern Summer Research Group
 - **Director:** Professional Development Seminar Series
 - **Director:** K-12 Teacher Recruitment

Graduate Research Assistant

The University of Alabama | Tuscaloosa, AL

Aug. '02 — Aug. '06

- **Performed a three-part study** examining the effects of several chromium-containing supplements and their components on hatching rate, eclosion rates, and success of development of first generation progeny of adult *Drosophila melanogaster*. Research generated two publications and a book chapter. Research encompassed three related fields.
 - **Biochemistry:** Isolated and purified chromium-containing oligopeptides. Techniques used —protein isolation, size exclusion chromatography, ion exchange chromatography, SDS-gel electrophoresis, and salt extraction.
 - **Toxicology:** X-linked lethal analysis chromium (III) picolinate in *Drosophila melanogaster*, Techniques used —propagation of *Drosophila melanogaster*, larval dissection, chromosome squashes, longevity studies, and X-lined mutagenesis.
 - **Inorganic Chemistry:** The regulation of response to environmental and oxidative stress. Techniques used —distillation, reflux, IR, UV/Vis and acid/base filtration.

Undergraduate Research Assistant

Georgia Southern University | Statesboro, GA

Aug. '00 — Aug. '02

- **Researched the regioselectivity carbocyclization synthesis** of biologically active compounds using organic Green reducing agents in air-sensitive conditions. Used NMR to identify and structurally characterize synthetic carbohydrates.

IV. TEACHING EXPERIENCE

Adjunct Professor

Oglethorpe University | Atlanta, GA

Jan. '16 — May '17

- Chemistry 101 / 2 —General Chemistry I, II, & their corresponding labs
 - Covered: quantum theory, periodicity, chemical bonding, MO Theory, VSPER, gas characteristics, bond hybridization, and intermolecular forces, stoichiometry, thermodynamics, equilibrium, buffers, and electrochemistry.

Program Coordinator | Assistant Professor

Atlanta Metropolitan State College | Atlanta, GA

Aug. '13 — Dec. '14

- **Directed Chemistry Program:** facilitated SACS accreditation and student matriculation
- Chemistry 1211 / 2 —Principals of Chemistry I, II, & their corresponding labs
 - Covered: measurements, atomic theory, chemical reactions, equations, stoichiometry, solutions and solution stoichiometry, gases and their properties, quantum theory, the periodic table, bonding theories, oxidation-reduction reactions, introduction to thermochemistry, solutions, thermodynamics, kinetics, equilibrium, solubility product constants, ionic equilibria and electrochemistry.
- Chemistry 1151 / 2 —Survey of Chemistry I, II, & their corresponding labs
 - Covered: course introduces the basic concepts and terminology of chemistry. Topics included are the gas laws, stoichiometry, atomic theory, introduction to organic and biochemistry. Consumer chemistry topics —Types of drugs: over-the-counter, legal and illegal, were discussed.

Temporary Instructor

Savannah State University | Savannah, GA

Aug. '12 — May '13

- Chemistry 1211 / L —Principals of Chemistry I & its corresponding lab
 - Covered: beginning with the atom, the course evolved to discuss chemical bonding, intermolecular forces, chemical reactions, and concludes with changes in the states of matter.
- Chemistry 1115 / L —Chemical Calculations & its corresponding lab
 - Covered: unit conversions, atomic structure, chemical compounds and nomenclature, chemical reactions, and stoichiometry.

Assistant Professor

Georgia Southern University | Statesboro, GA

Aug. '06 — Aug. '12

- Chemistry 5541 / 2 —Biochemistry I, II, & their corresponding labs
 - Covered: protein function, Enzyme Kinetics, Carbohydrates, DNA Technology, Lipid Function and Characterization, Protein Isolation, and Protein Characterization, Bioenergetics, Glucose Metabolism, Metabolic Regulation, Glycogen Breakdown, Fatty Acid Catabolism, Amino Acid Oxidation, Citric Acid Cycle, Oxidative Phosphorylation, Genes/Chromosomes, DNA Metabolism, RNA Metabolism, and Gene Expression.
- Chemistry 1211 / 2 —Principals of Chemistry I, II, & their corresponding labs
 - Covered: measurements, atomic theory, chemical reactions, equations, stoichiometry, solutions and solution stoichiometry, gases and their properties, quantum theory, the periodic table, bonding theories, oxidation-reduction reactions, introduction to thermochemistry, solutions, thermodynamics, kinetics, equilibrium, solubility product constants, ionic equilibria and electrochemistry.
- Chemistry 1145 / 6 —General Chemistry I, II, & their corresponding labs
 - Covered: quantum theory, periodicity, chemical bonding, MO Theory, VSPER, gas characteristics, bond hybridization, and intermolecular forces, stoichiometry, thermodynamics, equilibrium, buffers, and electrochemistry.
- Chemistry 4809 —Biochemistry Research
 - Mentored 36 undergraduate research students over 6 years.

- First Year Experience 1220 —Hip Hop: Conscience Lyricism
 - Covered: General aspects of freshman life and the impact of Hip Hop on majority and minority cultures.

Supplemental Instructor

The University of Alabama | Tuscaloosa, AL

Aug. '04 — Aug. '06

- Principles of Chemistry for G.O.B.
 - Covered: foundations of general chemistry, organic chemistry, and biochemistry.

V. PRINCIPAL INVESTIGATOR & FUNDING SECURED

\$600,000 Alfred P. Sloan Foundation | OXIDE

Jun. '18 — Jun. '20

- *National Diversity Equity Workshop*
**Funding Secured (*Not the PI —Efforts included Program Director & Significant Preparation)*

\$50,000 Georgia Power | Georgia Southern University

Jan. '11 — Aug. '12

- *Enzymatic Production of Molecular Hydrogen: Establishment of a Universal Electron Source Deposition Technique. (PI)*

\$2,000 College of Science and Technology | Georgia Southern University

Jan. '09 — Dec. '10

- *Advisement and Scholarship Promoting Inquiry-based Research Experiences in STEM. (PI)*

\$238,095 National Science Foundation | Georgia Southern University

Aug. '08 — Jan. '10

- *Research Experience for Undergraduates in Chemistry and Biology at Georgia Southern University: Partnering with LSAMP Programs to Provide Research Opportunities for Underrepresented Minority Students. (Co-PI)*

\$93,347 National Science Foundation | Georgia Southern University

Aug. '08 — Jan. '10

- *Research Experience for Teachers: K-12 teachers will participate in authentic research on individual defined research project with faculty members from Chemistry and Biology. (Co-PI)*

\$3,400 Faculty Service Award | Georgia Southern University

Jan. '08 — Dec. '09

- *Establishment of the Georgia Southern Chapter of the National Organization for the Professional Advancement of Black Chemist and Chemical Engineers (PI)*

\$1,500 McNair Foundation | Georgia Southern University

Aug. '08 — Jan. '09

- *Ronald E. McNair Post Baccalaureate Achievement Program. (PI)*

\$60,000 College of Science and Technology | Georgia Southern University

Aug. '06 — Aug. '09

- *Start-up Funds (PI)*

\$650 COUR Paulson Math/Travel Award | Georgia Southern University

Jan. '07 — Dec. '08

- *Overexpression of Green Fluorescence Protein fused Cutinase in E. coli. (Co-PI)*

\$1,700 COUR Paulson Math/Science | Georgia Southern University

Jan. '07 — Dec. '08

- *Fluidic Production of Molecular Hydrogen using the Biocatalyst Hydrogenase. (Co-PI)*

\$3,400 Faculty Service Award | Georgia Southern University

Jan. '08 — Dec. '09

- *Establishment of the Georgia Southern Chapter of the National Organization for the Professional Advancement of Black Chemist and Chemical Engineers. (Co-PI)*

\$6,300 COUR Paulson Math/Faculty | Georgia Southern University

Jan. '07 — Dec. '08

- *Fluidic Production of Molecular Hydrogen using the Biocatalyst Hydrogenase. (PI)*

\$60,000 Future Faculty Fellowship | The University of Alabama

Aug. '04 — Aug. '06

- *Academic fellowship provided for African-American students seeking Ph.D. with the intention of becoming a college or university professor. (Co-PI)*

VI. SELECT PUBLICATIONS & ABSTRACTS

A. Diversity & Inclusion Policy

- "National Diversity Equity Workshops in Chemical Sciences (2011-2017)", D. M. Stallings, S. K. Iyer, and R. Hernandez, American Chemical Society Book Symposium Series 1277 (2018).
- "NDEW: Advancing Diversity in Academia", D. M. Stallings, S. K. Iyer, and R. Hernandez "National Diversity Equity Workshops in Chemical Sciences (2011-2017)", American Chemical Society Book Symposium Series 1277, 1 -19 (2018).
- "NDEW 2017: Focus on Underrepresented Minorities in Chemistry Faculties", D. M. Stallings, S. K. Iyer, and R. Hernandez "National Diversity Equity Workshops in Chemical Sciences (2011-2017)", American Chemical Society Book Symposium Series 1277, 109 - 140 (2018).
- "NDEW 2015: Intersectionality in Chemistry Faculties", S. K. Iyer, D. M. Stallings, and R. Hernandez "National Diversity Equity Workshops in Chemical Sciences (2011-2017)", American Chemical Society Book Symposium Series 1277, 79 -107 (2018).
- "NDEW 2013: Focus on Gender Identity Orientation in Chemistry Faculties", D. M. Stallings, S. K. Iyer, and R. Hernandez "National Diversity Equity Workshops in Chemical Sciences (2011-2017)", American Chemical Society Book Symposium Series 1277, 51 -77 (2018).
- "NDEW 2011: Lowering Barriers for all Under-Represented Chemistry Professors", S. K. Iyer, D. M. Stallings, and R. Hernandez "National Diversity Equity Workshops in Chemical Sciences (2011-2017)", American Chemical Society Book Symposium Series 1277, 21 – 49 (2018).
- "Few Gains for minority chemistry Professors", Andrea Widener, D. M. Stallings, S. K. Iyer, and R. Hernandez "<https://cen.acs.org/articles/95/i44/Few-gains-minority-chemistry-professors.html>", Chemical and Engineering News 95, 44 (2017).
- "OXIDE 2017 Faculty Demographics Survey: Under-represented Minority Results for AY2015-16", D. M. Stallings, S. K. Iyer, and R. Hernandez "<http://oxide.jhu.edu/2/demographics>", OXIDE (2017).
- "OXIDE 2017 Faculty Demographics Survey: Under-represented Minority Results for AY2014-15", D. M. Stallings, S. K. Iyer, and R. Hernandez "<http://oxide.jhu.edu/2/demographics>", OXIDE (2017).
- "The Gender and URM Faculty Demographics Data Collected by OXIDE", R. Hernandez, D. M. Stallings, and S. K. Iyer "Diversity in the Scientific Community Volume 1: Quantifying Diversity and Formulating Success," American Chemical Society Book Symposium Series 4, 101-112 (2017).
- "Accelerating Change: Hashtag DiversitySolutions on Social Media", D. M. Stallings, S. K. Iyer, and R. Hernandez "Diversity in the Scientific Community Volume 2: Perspectives and Exemplary Programs," American Chemical Society Book Symposium Series 6, 67-75 (2017).
- "Women crack the academic glass ceiling", Linda Wang, D. M. Stallings, S. K. Iyer, and R. Hernandez "<https://cen.acs.org/articles/94/i36/Women-crack-academic-glass-ceiling.html>", Chemical and Engineering News 94, 35 (2016).
- "San Diego National Meeting Mania", D. M. Stallings "Chemical and Engineering News", 251st American Chemical Society National Conference 94:10, 36 (2016).
- "OXIDE 2016 Faculty Demographics Survey: Gender for AY2014-15", D. M. Stallings, S. K. Iyer, and R. Hernandez "<http://oxide.jhu.edu/2/demographics>", OXIDE (2015).
- "OXIDE 2016 Faculty Demographics Survey: Under-represented Minority Results for AY2014-15", D. M. Stallings, S. K. Iyer, and R. Hernandez "<http://oxide.jhu.edu/2/demographics>", OXIDE (2015).
- "New Survey On Minority Chemistry Professors Released ", Linda Wang, Sophie Rovner, D. M. Stallings, S. K. Iyer, and R. Hernandez "<https://cen.acs.org/articles/93/i20/New-Survey-Minority-Chemistry-Professors.html>", Chemical and Engineering News 93, 20 (2015).

- "OXIDE 2015 Faculty Demographics Survey: Gender for AY2013-14", D. M. Stallings, D. McGee, S. K. Iyer, Shannon Watt, and R. Hernandez "<http://oxide.jhu.edu/2/demographics>", OXIDE (2015).

B. Chemistry Research

- "Overexpression of green fluorescence protein fused to Cutinase in E. coli.", K. J. House, T. Davis, and D. M. Stallings. Abstracts of Papers, 235th American Chemical Society National Meeting BIOCHEM. (2008).
- "Synthesis of a the capture ligand ethyl (4-nitrophenyl)[11-([1,3-diazole]carbamate)undecyl] phosphonate", A. B. Thomas and D. M. Stallings. Abstracts of Papers, 235th American Chemical Society National Meeting ORGANIC (2008).
- "Fluidic Production of Molecular Hydrogen Using the Biocatalyst Hydrogenase", K. D. Antignac, K. Knappenberger, and D. M. Stallings. Abstracts of Papers, 234th American Chemical Society National Meeting BIOCHEM (2007).
- "A History of Chromium Studies", D. M. Stallings and J. B. Vincent, invited chapter for book titled "The Nutritional Biochemistry of Chromium (III)", Elsevier Science 1955 (2007).
- "Ligand-dependent Chromium (III) Toxicity: Chromium Picolinate Supplementation Causes Deleterious Effects During The Life Cycle of Drosophila Melanogaster ", D. M. Stallings, dissertation, The University of Alabama at Tuscaloosa Press (2006).
- "Nutritional Supplement Chromium Picolinate Generates Chromosomal Aberrations and Impedes Progeny Development in Drosophila melanogaster ", D. M. Stallings and J. B. Vincent, Current Topics in Nutraceutical Research 4, 89 (2006).
- "Chromium: A Case Study in How Not to Perform Nutritional Research", D. M. Stallings, D. D. Hepburn, M. Hannah, J. B. Vincent, and J. O'Donnell, Journal of Mutation Research 610, 101 (2006).
- "Investigating The Regioselectivity of Reductions Employing a "Green" Reducing Agent", D. M. Stallings and S. T. Deal, Georgia Academy of Sciences 79, 39 (2002).

VII. SELECT PRESENTATIONS

- "Inclusion and You", D. M. Stallings, S. Iyer, and R. Hernandez, "Symposium: Georgia Tech Chemistry Graduate Student Introduction", Georgia Institute of Technology (2018).
- Equity solutions to advance inclusive excellence and African-American chemist", D. M. Stallings, S. Iyer, and R. Hernandez, "Symposium: African-American Chemist in the Southeast", SERMACS (2017).
- "Co-Chair National Diversity Equity Workshop 2017", R. Hernandez, D. M. Stallings, and S. K. Iyer, "Chair Workshop: URM Climate and Solutions, " 4th Biennial NDEW (2017).
- "Advancing Inclusive Excellence Through Gender Equity", D. M. Stallings, S. Iyer, and R. Hernandez, "Symposium: Chemistry Diversity & Inclusion Action Committee", Brown University (2016).
- "Why diversity matters: Maximizing scientific excellence through diversity", D. M. Stallings, S. Iyer, and R. Hernandez, "Symposium: Diversity and Inclusion, " NOBCChE 43rd Annual Meeting (2016).
- "Advancing Inclusive Excellence Through Gender Equity", D. M. Stallings, S. Iyer, and R. Hernandez, "MTSU ADVANCE Symposium", MTSU (2016).
- "Solutions to generate excellence through gender equity", D. M. Stallings, S. K. Iyer, and R. Hernandez "Symposium: Diversity Quantification Success", 68th Southeastern Regional Meeting of the American Chemical Society Women Chemist in the Southeast (2016).
- "Accelerating Change: Hashtag DiversitySolutions on Social Media", D. M. Stallings, S. K. Iyer, and R. Hernandez "Symposium: Diversity Quantification Success", 251st American Chemical Society National Meeting PRES67 (2016).

- "Inclusive Excellence", D. M. Stallings, S. Iyer, and R. Hernandez, "Symposium: Women in Chemistry", Georgia Institute of Technology (2015).
- "Co-Chair National Diversity Equity Workshop 2015", R. Hernandez, D. M. Stallings, and S. K. Iyer, "Chair Workshop: Gender Equity, " 4th Biennial NDEW (2015).

IIX. SELECT SCIENTIFIC SERVICE

- Professional Diversity LAB Course Member of the ACS Diversity and Inclusion Advisory Board
- Professional Associate Member of ACS's Committee on Chemist With Disabilities
- Site Reviewer for the NSF-ADVANCE Program
- Professional Member of SACNAS
- Chair and Member of multiple service committees at Atlanta Metropolitan State
- Faculty Advisor of Atlanta Metropolitan State chapter of National Organization for the Professional Advancement of Black Chemist and Chemical Engineers
- Coordinator of Savannah State Chemistry Program Seminar Series
- Faculty Advisor of Savannah State SAACS
- Co-founder and former Board Member of the Hearts and Hands Clinic
- Co-founder and Faculty Advisor of the Georgia Southern chapter of NOBCChE
- Co-Authored service grant for financial foundation of Georgia Southern chapter of NOBCChE
- Faculty Senator for College of Science and Technology at Georgia Southern
- Faculty Advisor of Chemistry and Pre-Health majors at Georgia Southern
- Mentor for the Ronald E. McNair Scholars Program
- Reviewer for NSF's Course, Curriculum, and Laboratory Improvement proposals
- Reviewer for NSF's Research Experience for Undergraduates proposals
- Representative for Georgia Southern at the Florida-Georgia Louis Stokes Alliances for Minority Participation (LSAMP) Expo
- Vice President of the Chemistry Graduate Student Organization
- Co-founder and former President, VP, and Secretary for The University of Alabama chapter of NOBCChE
- Member of NOBCChE
- Member of the American Chemical Society