



CURRICULUM VITAE

ALLISON C. AUGUSTUS-WALLACE, PhD, MS, MNS, DEIC

Current Title: Professor – Research

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Birthdate and Birthplace: January 2, 1971
Baton Rouge, Louisiana

Spouse & Children: Hugh Victor Wallace, III, M.Ed., M.H.A.
(3 stepchildren and 2 stepchildren-in-law, 3 grand-stepchildren)

Citizenship: United States

Education:

Undergraduate:	Louisiana State University and A & M College Baton Rouge, Louisiana Bachelor of Science in Biochemistry (Minors: Zoology and Political Science)	1989-1994
Graduate:	Louisiana State University and A & M College	1995-1997

Baton Rouge, Louisiana
Master of Natural Science in Biochemistry

University of New Orleans 2000-2003
New Orleans, Louisiana
Master of Science in Healthcare Management
(Public Health-Epidemiology inclusion)

LSU Health Sciences Center – New Orleans 2004-2005
School of Graduate Studies
Department of Biochemistry and Molecular Biology
New Orleans, Louisiana
Doctoral Studies
(Interrupted due to Hurricane Katrina)

University of Nevada, Las Vegas 2006-2009
Department of Chemistry
Las Vegas, Nevada
Doctoral Studies
(Interrupted due to death of research advisor)

LSU Health Sciences Center – New Orleans 2010-2014
School of Graduate Studies
Department of Biochemistry and Molecular Biology
New Orleans, Louisiana
Doctor of Philosophy

**Educational
Fellowship(s):**

<u>Award:</u>	Faculty Predoctoral Fellowship Award	2005-2010
<u>Sponsor(s):</u>	Ruth L. Kirschstein National Research Service/National Institutes of Health/ National Institute of General Medical Sciences/Minority Access to Research Careers	
<u>Title:</u>	Basic fibroblast growth factor (FGF-2) induces a pro-angiogenic response through the PAF receptor (the molecular switch for angiogenesis), which results in the activation of STAT3 transcription factor, which leads to the upregulation of MMP14	
<u>Award #:</u>	F-34-GM75615-01	
<u>Amount:</u>	\$200,000 (\$40,000/year, awarded to supplement employment salary, while on educational sabbatical from Dillard University)	
<u>Period:</u>	5 years	

*This fellowship was/is a highly prestigious, individual award, which supplemented one's salary for five years, while on educational sabbatical from one's HBCU employment institution. Under the award number, **F34-GM75615-01**, at the time, as a member of the faculty of Dillard University, I was the recipient of this award, 2005-2010. It was awarded under the direction of Dr. Jay D. Hunt, III. It required that its recipient exhibit professional skills by developing and submitting a written proposal of the dissertation research project in the form of an NIH PHS 395 format. Due to Dr. Hunt's departure from LSUHSC – NO, I reapplied for this award with Dr. Arthur L. Haas, III, for project modification.*

<u>Award:</u>	Faculty Predoctoral Fellowship Award	2005-2010
<u>Sponsor(s):</u>	Ruth L. Kirschstein National Research Service/National Institutes of Health/National Institute of General Medical Sciences/Minority Access to Research Careers	
<u>Title:</u>	Up-regulatory Metabolic Shifts and E1 Kinetics	
<u>Award #:</u>	F-34-GM75615-01	
<u>Amount:</u>	\$200,000 (\$40,000/year, awarded to supplement employment salary, while on educational sabbatical from Dillard University)	
<u>Period:</u>	5 years	

This fellowship-individual award was re-awarded under the direction of Dr. Arthur L. Haas, III. Although the funding was relinquished due to Hurricane Katrina, per the NIH/ NIGMS I remain a faculty predoctoral fellow.

<u>Award:</u>	Diversity Graduate Student Supplemental Award	2009-2011
<u>Sponsor(s):</u>	National Institutes of Health/National Institute of General Medical Sciences	
<u>Award #:</u>	3R01GM034009-24S1	
<u>Amount:</u>	\$99,323	
<u>Period:</u>	2 years	

*Awarded to Dr. Arthur L. Haas, III, for my
doctoral training.*

Certifications:

Leadership AAMC Minority Faculty Career Development Seminar Atlanta, Georgia	2015
American Heart Association: Basic Life Support Provider: Basic Life Support (CPR and AED Program) eCard code: 185507988648	2016-2018 2018-2020
Train the Trainer Certification: The Wisconsin Institute for Science Education and Community Engagement (WISCIENCE) at the University of Wisconsin- Madison, with the Center for the Improvement of Mentored Experiences in Research (CIMER).	2020-2025
<u>Purpose:</u> To improve research mentoring relationships and learning experiences for trainees through the development, implementation, and study of evidence-based and culturally-responsive interventions. This initiative builds upon previous work funded by the National Science Foundation, Howard Hughes Medical Institute, and National Institutes of Health.	
Cornell University (eCornell) Ithaca, NY Certification, Diversity and Inclusion	(No Expiration Date) 2020

Trainings:

Collaborative Institutional Training Initiative (CITI) Program	2017-2020
• Social & Behavioral Research – Basic/Refresher <ul style="list-style-type: none">○ Curriculum Group○ Course Learner Group	
• 1-Basic Course (Stage)	
Collaborative Institutional Training Initiative (CITI) Program	2020-2023 2024-2027
• Social & Behavioral Research – Basic/Refresher <ul style="list-style-type: none">○ Curriculum Group○ Course Learner Group	
• Stage 2-Refresher Course/Group 2	
Collaborative Institutional Training Initiative (CITI) Program	2020-2023 2024-2027
Social, Behavioral, and Education (SBE) Sciences (RCR)	

Responsible Conduct of Research
1-Basic Course (Stage)

Academic, Professional, and Research Appointments:

Graduate Student Intern 1/Regulations Development Louisiana State Department of Environmental Quality Baton Rouge, Louisiana	1995-1996
Accession Laboratory Technician 2 Louisiana Reference Laboratory Baton Rouge General Medical Center Baton Rouge, Louisiana	1996-1997
Research and Development Laboratory Scientist Tech 2000/Grant Chemical-Ferro Corporation Baton Rouge, Louisiana	1997-1998
Laboratory Scientist 2, Volatile Organic Compounds Specialist Louisiana State Department of Health and Hospitals New Orleans, Louisiana	1998-1999
Faculty, Instructional Assistant – Biology Faculty, Instructor of Biology Pre-Dental School Program-Creator & Advisor Chairperson, Dental School Placement Committee Research Advisor and Tutorial Support, National Science Foundation (NSF) Louis Stokes-Louisiana Alliances for Minority Participation (LS-LAMP) Campus Advisor, Tri-Beta National Biological Honor Society Campus Advisor, Girl Scouts of America, Louisiana East (GSLE)	1999-2000 2000-2005
Dillard University Department of Biology New Orleans, Louisiana	
Adjunct Faculty, Biology Instructor Faculty, Instructor of Biology Delgado Community College Department of Science and Mathematics New Orleans, Louisiana	1999-2000 2009-2010
Assistant Professor – Research Louisiana State University, School of Medicine Department of Medicine & Office of Diversity & Community Engagement New Orleans, Louisiana	2014-2019
Director, Program Development Research and Undergraduate Pipeline Programs for Diversity Louisiana State University, School of Medicine SOM, Office of Diversity & Community Engagement New Orleans, Louisiana	2014-2019

Associate Professor – Research Louisiana State University, School of Medicine Department of Medicine & Office of Diversity & Community Engagement New Orleans, Louisiana	2019-present
Director, Undergraduate Academic Pipeline/Pathway Programs for Diversity Louisiana State University, School of Medicine SOM, Office of Diversity & Community Engagement New Orleans, Louisiana	2019-present
Associate Professor-Research <i>Associate</i> Graduate Faculty <i>Full</i> Graduate Faculty Louisiana State University, School of Graduate Studies New Orleans, Louisiana	2014-2024 2024-present

Membership in Professional Organizations:

• LSU Minority Student Pre-Professional Society (MSPPS)	1989-1991
• American Chemical Society (ACS)	1990-1994
• American Association for the Advancement of Science (AAAS)	2000-present
• Sigma Iota Epsilon, National Healthcare Management Honor Society	2001-present
• Beta Beta Beta (Tri-Beta) National Biological Honor Society	2003-present
• Golden Key International Honour Society	2008-present
• NIH Women of Color Research Network	2012-present
• Association of Women in Science (AWIS -Southern Louisiana/LSUHSC Chapter) Treasurer and Executive Board Member	2012-present 2016-2017
• American Public Health Association (APHA) Law Section	2012-present 2021-present
Health Administration Section	
• American Society for Biochemistry and Molecular Biology (ASBMB) Member, Maximizing Access Committee (Formerly Minority/Multicultural Affairs Committee (MAC))	2017-present 2021-present
Chairperson, 2023 ASBMB-MAC Annual Meeting Sessions Bias In, Bias Out in Data Science	2022-present
• AAMC, Group on Diversity and Inclusion (GDI)	2018-present
• AAMC, Group on Women in Medicine and Science (GWIMS) Steering Committee-Elected 2022 (Three-year term)	2018-present 2022-present
Co-Chair, Women of Color Initiative	2023-present
Chairperson, Voters' Education Initiative	
Chairperson, Educational Toolkits Development	
Member, Nomination Committee	
Member, Leadership Accelerator Working Group	
• AAMC, Group on Graduate Research, Education, and Training (GREAT)	2019-present
• AAMC, Group on Research Advancement and Development (GRAND)	2019-present
• AAMC, Academic Medicine Journal-Reviewer Editorial Board-Appointed 2022 (Three-year term) Re-appointed 2025-2028 (2 nd Three-year term)	2020-present 2022-present

- National Association of Diversity Officers in Higher Education (**NADOHE**) 2020-present
Health Professions Chapter 2020-present
- Sigma Xi, International Scientific Research Honor Society 2020-present
Associate Director-Research & Doctoral Universities Constituency Group 2021-present
Appointed member of the International Forum on Research Excellence (**IFoRE**)
Planning Committee 2021-2023
IFoRE Student Research Submit Judge 2022-present
Appointed Member of the IFoRE Standing Rules Committee during the Sigma Xi
President's Assembly of Delegates 2023-present
Sigma Xi-LSU Chapter Delegate (appointed) 2023-present
Presenter of the IFoRE Walston Chubb Award, Dr. Xin Zhang 2023
Committee on Finances (appointed) 2023-present
Development Committee (appointed) 2024-present
- National Association of Minority Medical Educators (**NAMME**) 2021-present
- American Association of Blacks in Higher Education (**AABHE**) 2021-present
- Research Society on Alcoholism (**RSA**) 2021-present
Chairperson, RSA-DEI Professional Development and Skills Building
Sub-Committee 2022-2025
Chairperson, RSA Diversity Committee 2024-2025

Awards and Honors:

- Dillard University Outstanding Faculty Participation 2001-2002
for greatest number of service hours supplied towards tutorial services
National Science Foundation
Louis Stokes Louisiana Alliance for Minority Participation (**NSF LS-LAMP**)
- Sigma Iota Epsilon, National Healthcare Management Honor Society 2001-present
- Dillard University Outstanding Faculty Participation 2002-2003
for greatest number of service hours supplied towards tutorial services
National Science Foundation (**NSF**) LS-LAMP
- Southeastern Louisiana Girl Scouts of America Service Recognition Award 2003
- Dillard University Outstanding Faculty Participation 2003-2004
for greatest number of service hours supplied towards tutorial services
National Science Foundation (**NSF**) LS-LAMP
- Beta Beta Beta (**Tri-Beta**) National Biological Honor Society 2003-present
- Dillard University Outstanding Faculty Participation 2004-2005
for greatest number of service hours supplied towards tutorial services
National Science Foundation (**NSF**), LS-LAMP
- Golden Key International Honour Society 2008-present

- Participant (nominated and selected) 2017
National Science Foundation/National Science Board Listening Session
Underrepresented Minorities and Women:
Opportunities and Challenges in STEM
- Nomination 2018-2020
Outstanding Service to the Community
LSUHSC-New Orleans, SOM Faculty Assembly
- Certificate of Recognition for providing Student Educational Opportunity 2019
Florida State University Career Center
- Sigma Xi, International Scientific Research Honor Society 2020
(Nominated & Inducted)
- LSUHSC-New Orleans Foundation, **Wonder Women of LSUHSC-New Orleans** 2021
*Selected member of the Inaugural Cohort of LSUHSC-NO female faculty
recognized as women in STEM and Medicine, for their institutional contributions.*
- LSUHSC-New Orleans, Dept. of Physiology, **2021 Light of Physiology Award** 2021
*Recognition for both Departmental and Institutional contributions in respect to
the diversity, equity, and inclusion (DEI) Enterprise and anti-racism/anti-
discrimination education.*
- LSUHSC-New Orleans, **2022 Chancellor's Excellence Award-Faculty** 2022
- American Society for Biochemistry and Molecular Biology (ASBMB) 2024
Member Spotlight for the April 2024: "The American Society for Biochemistry
and Molecular Biology is an international nonprofit scientific and educational
organization. With over 11,000 members, made up of students, researchers,
educators and industry professionals, the ASBMB is one of the largest molecular
life science societies in the world." <https://www.asbmb.org/about>

Professional Development:

- Participant 2001, 2002,
Effective Teaching, Course Syllabi, and Curriculum Development Seminars 2004, 2005
Dillard University Professional Development Workshops
- Fellow 2003
UNCF/Merck Faculty Research Program Fellow Award
United Negro College Fund (UNCF)/MERCK HBCU Faculty Training Program
Center of Excellence, Spelman College
Atlanta, Georgia

*I was the only woman and the only African-American selected to
participate in this nationwide program that was offered to faculty*

employed at historically black colleges and universities (HBCUs). This was a paid summer educational sabbatical that lasted for six weeks and provided in-person experiences in research laboratory, grantsmanship skills development, and skill enhancement in computer technology. Included, I was required to attend informal “Talk Teaching” sessions with biology and chemistry faculty and weekly research seminars given by visiting scientists. My final project was entitled Gas Chromatography and Mass Spectrometry Protocol Development.

- Participant 2006
Professional Development Program in College Teaching
University of Nevada, Las Vegas (UNLV)
Las Vegas, Nevada

I participated in this two-day intensive teaching workshop that was a requirement for graduate students/graduate assistants, instructors, and assistant professors, to further their development of lecture delivery, as well as their proficiency in creating and developing course and student learning objectives.

- Participant 2014
Title IX and Sexual Misconduct Training
Louisiana State University and A & M College
Baton Rouge, Louisiana

- Participant 2015
WiSE (Women in STEM Experience) Navigating the Future
Symposium: Celebrating Women in STEM Fields
University of Alabama
Tuscaloosa, Alabama

- Participant 2015
AAMC Northeast and Southern Group on Student Affairs/
Organization of Student Representatives Joint Regional Meeting
New Orleans, Louisiana

- Participant 2015
Concept Mapping and Question Analysis Workshop
LSUHSC Office of Medical Education
New Orleans, Louisiana

- Attendee 2015
Dean’s Research Seminar Series
LSUHSC Office of Medical Education
New Orleans, Louisiana

I attended two lectures, entitled “Ubiquitin/Proteasome-Dependent Regulation and HECT Ligases” and “HIV Transmission and Pathogenesis: Translational

Insights from Studies Macaque Model,” to ensure that I remain as current in the scientific aspects of my work as I do in the educational aspects.

- Participant 2015
Cultural Competency, Diversity, and Inclusivity Seminar
School of Veterinary Medicine
Louisiana State University and A & M College
Baton Rouge, Louisiana

- Participant 2015
AAMC Minority Faculty Career Development Seminar
Atlanta, Georgia

- Attendee 2015
Clearing the Confusion: A Multidisciplinary Panel on Controversies in Breast Cancer Screening and Treatment
LSU School of Medicine
New Orleans, Louisiana

As a member of the Association of Women in Science (AWIS) and the School of Medicine’s Women’s Affairs Committee, I attended this panel, which was sponsored by these two organizations. As a woman of color, I consider it an integral part of my work in diversity to support both people of color as well as women.

- Participant 2015-2016
Grant-Writing Series
Office of Research Services Professional Development Series
LSU Health Sciences Center
New Orleans, Louisiana

I participated in this series of five workshop sessions focusing on grant writing. This updated my grant-writing skills and enabled me to secure funding from sources such as the Robert Wood Johnson Foundation.

- Participant 2015-2016
Curriculum-Development Workshops
Academy for the Advancement of Educational Scholarship
LSUHSC Office of Medical Education
New Orleans, Louisiana

- Attendee 2015-2017
Medicine Grand Rounds – Diversity and Cultural Competency
LSU Department of Medicine
New Orleans, Louisiana

- Attendee 2016
4th Annual Quality Improvement Forum
LSU Health Sciences Center

New Orleans, Louisiana

- Participant 2016
Interprofessional Education Day
LSU Health Sciences Center
New Orleans, Louisiana

As the importance of interprofessional education (IEP) has been increasingly recognized, LSUHSC held a day specifically devoted to this topic. The theme of the day was IEP: Taking It to the Next Level. Since that day was held, IEP has indeed been taken to the next level at this institution; this day turned out to be the precursor for what is now the LSUHSC Center for Interprofessional Education and Collaborative Practice and the corresponding IEP curriculum, which I helped to develop as a member of the committee.

- Participant 2016
Grantee Award Meeting
Summer Health Professions Education Program (formerly SMDEP)
The Robert Wood Johnson Foundation
Washington, D.C.

- Participant 2017
Grantee Award Meeting
Summer Health Professions Education Program (formerly SMDEP)
The Robert Wood Johnson Foundation
Phoenix, Arizona

- Participant 2018
AAMC Group on Diversity and Inclusion Professional Development Conference and 10th Anniversary Celebration
New Orleans, Louisiana

- Participant 2018
Race and Equity Institute (by the Propeller Group)
New Orleans, Louisiana

This was a two-day workshop examining race, equity, and systemic racism, as well as its historic and current effects on the U.S healthcare system, education, and financial systems, and how to improve New Orleans and the state overall. I was selected to participate via the SOM Selection Committee for this initiative headed by Drs. DiCarlo, Lazarus, Maupin, McLean, and Avegno.

- Participant 2018
Tulane University, Race and Equity Seminar
New Orleans, Louisiana

- Participant 2019
Diversity, Inclusion, and Cultural Competence Training

(Dr. Dereck. Rovaris, Sr.; LSU-Main Campus, Vice-Chancellor of Diversity and Multicultural Affairs)
LSUHSC-New Orleans
New Orleans, Louisiana

- Participant 2019
Groundwater (Diversity) Seminar
LSUHSC-New Orleans
New Orleans, Louisiana
- Participant 2019
SafeZone Training
LSUHSC-New Orleans
New Orleans, Louisiana

TEACHING EXPERIENCE & RESPONSIBILITIES:

MEDICAL AND BIOMEDICAL EDUCATION w/the PRACTICE of the PRO-JUSTICE-ANTI-DISCRIMINATION (DIVERSITY, EQUITY, & INCLUSIVITY ENTERPRISE) to contribute to EDUCATIONAL & HEALTH EQUITY.

Overview:

The overarching impetus of my LSUHSC-New Orleans effort seeks to improve health equity, to increase positive health outcomes, and to increase the presence of historically-excluded/underrepresented/intersectional/diverse-background faculty and students in medical and biomedical populations/workforces, via the practice of the pro-justice and anti-discrimination (i.e. diversity, equity, and inclusivity (**DEI**)) enterprise, thereby improving academic, medical, and biomedical outcomes for all persons. This focus, which includes teaching experience and curriculum development, as well as grant-proposal creation and development, began over twenty years ago at Dillard University in New Orleans, Louisiana, and continues to serve as the foundation of my current role. In my faculty-administrative/leadership function at the LSUHealth (a.k.a. LSU Health Sciences Center), my objective continues to be to promote equitable access and anti-discrimination with diversity, equity, and inclusion (**DEI**) in medical and biomedical education and thereby develop these respective workforce populations.

Specifically to the Office of Community Engagement and Health Equity Programs (as of 2025, formerly the Office Diversity and Community Engagement (**ODCE**)), I am responsible for the creation, development, coordination, and implementation of current and future pathway programs and operations for DEI in the educational and professional development space. This involves data collection, analysis, and reporting related to institutional diversity metrics for medical education, graduate medical education, and faculty. My work on the development of academic pathway programs are instruments to increase equity access and serve as an integral part of inclusive recruitment and retention in the School of Medicine. This affords me the opportunity to serve as the liaison between our office and Louisiana undergraduate institutions. In addition, as the former co-director of our Incoming Medical School Students Pre-Matriculation Program, I continue to provide Biochemistry instruction, and as a member of the SOM House Faculty, I provide instruction in our Clinical Sciences Integration (**CSI**) Courses, 101, 102, and 200. Furthermore, I perform the development and facilitation of anti-discrimination workshops that are both independent of and

affiliated with the funding for academic pathway programs, to promote the development of a more equitable and inclusive academic environment that aids in the recruitment and retention of both historically-excluded and marginalized faculty and students.

In our School of Graduate Studies (SGS), several of the activities that I perform in the SOM are mirrored, primarily in respect to the development and facilitation of undergraduate and graduate educational pathway programs for the recruitment of historically-excluded, underrepresented students interested in attending graduate school and/or medical school, as well as the development and facilitation of anti-discrimination workshops that are both independent of and affiliated with the funding for academic pathway programs, to promote the development of a more equitable and inclusive academic environment or “STEMM Climate” that again aids in the recruitment and retention of both historically-excluded/underrepresented/underserved/intersectional/diverse-background faculty and students. In addition, our former Vice-Chancellor of Academic Affairs & Dean, School of Graduate Studies, Dr. Moerschbaeher (deceased), appointed me to serve as a member of his Graduate Advisory Committee, in 2014. In this capacity, I serve as a representative of alumni affairs for the SGS and of diversity affairs for the SOM and the SGS. My current role allows me to have broken new ground in the advancement of anti-discrimination, diversity, equity, and inclusivity on our campus; moreover, this position is a continuously evolving one that provides opportunities for further growth and leadership as new institutional needs arise.

Course/Program Directorships for Diversity, Equity, and Inclusion:

- Program Developer 2014-present
Undergraduate Pipeline Programs for Diversity
Office of Community Engagement and Health Equity Programs (As of 2025, formerly
Office of Diversity and Community Engagement (ODCE))
LSU School of Medicine

In this role, I am responsible for the coordination and implementation of current and future ODCE programs and operations, which involves data collection, analysis, and reporting related to institutional diversity metrics for medical education, graduate medical education, and faculty, as well as the planning and evaluation of programs, projects, and services. Additionally, as the director and liaison between the ODCE and Louisiana undergraduate institutions, I create, develop, and facilitate undergraduate pipeline programs for the recruitment and retention of underserved/underrepresented minority students interested in attending medical school. Furthermore, I participate in the development and implementation of diversity-related medical-education curriculum.

- Director 2015-2018
Co-director 2018-2019
Incoming Medical Student Pre-matriculation Program
Office of Community Engagement and Health Equity Programs (As of 2025, formerly
Office of Diversity and Community Engagement (ODCE))
LSU School of Medicine

Housed in our School of Medicine’s ODCE, this well-established program has been under my direction since the spring/summer of 2015. In this capacity, I have the following responsibilities:

1. *Researched similar programs, developed and implemented a cohesive curriculum based on the new LSU School of Medicine medical-school curriculum;*
 2. *Created, developed, and implemented a student contract based on Family Educational Rights and Privacy Act (FERPA) regulations to track incoming medical students' academic progress;*
 3. *Instruct the Biochemistry Course: Provide lectures on how to learn and study biochemistry, including enzyme kinetics (Michaelis-Menten concepts), metabolism, and clinical application of biochemistry;*
 4. *Research and assess other U.S. medical school pre-matriculation programs to continue the development and growth of our own. Currently developing this research into a publication;*
 5. *Coordinate curriculum instruction, program colleagues' instructional materials, including usage of Moodle; campus facilities classroom reservations; and student IDs, parking, and housing for our incoming L1 medical school students.*
- Biochemistry Course Director (2015 to 2020) & Instructor (2015-present) 2015-present
 Incoming Medical Student Pre-matriculation Program
 Office of Community Engagement and Health Equity Programs (As of **2025**, formerly Office of Diversity and Community Engagement (ODCE))
 LSU School of Medicine
 - Executive Project/Program Director 2016-2018
 Co-Principal Investigator 2017-2018
 Summer Health Professions Education Program (**SHPEP**)
 LSU Schools of Medicine, Dentistry, and Public Health
- I researched and created the programmatic proposal for this Robert Wood Johnson Foundation grant. This grant required reapplication every year, and I was responsible for writing both the original proposal and the reapplication, both of which were funded. This included developing the curriculum for the program, which was implemented in 2017. I continue to lead the ongoing development thereof, as well as that of the overall program.*
- Co-Program Director 2016-2024
 NSF-Research Exposures for Undergraduates Program (**REU**)
 LSUHSC-New Orleans, School of Graduate Studies
 - Co-Program Director 2017-present
 NIH-NIGMS-Post-baccalaureate Research Education Program (**PREP**)
 LSUHSC-New Orleans, School of Graduate Studies
 - Creator-Facilitator 2018-present
 Diversity, Inclusion, and Equity Workshop for Graduate Students
 LSUHSC-New Orleans, Professional Development Workshop

- Executive Project/Program Director 2019-present
- Biochemistry Course Director & Instructor
Tiger Scholars Undergraduate Summer Academic Enrichment Program
LSUHSC-New Orleans, School of Medicine

I created and developed this undergraduate summer academic enrichment program, including its curriculum, to replace to the Robert Wood Johnson Foundation, SHPEP. Currently, this program is funded by the SOM, Dean's Office; external funds are being sought actively.

Curriculum Development/Implementation for Diversity, Equity, and Inclusion:

- Pre-Dental School Program Curriculum 2001-2005
Dillard University
As chair of the Dental School Placement Committee and a pre-Dental School advisor, I led the research into the program development and spearheaded the creation, development, and implementation of a cohesive program curriculum based on the curricula of other dental schools.
- Incoming Medical Student Pre-matriculation Program 2015-present
LSU School of Medicine
See the description above.
- Summer Health Professions Education Program Curriculum 2016-2018
LSU Schools of Medicine, Dentistry, and Public Health
See the description above.
- Co-Program Director 2016-2024
NSF-Research Exposures for Undergraduates Program (**REU**)
LSUHSC-New Orleans, School of Graduate Studies
Responsibilities include Programmatic Curriculum Development.
- Co-Program Director 2017-present
NIH-NIGMS-Post-baccalaureate Research Education Program (**PREP**)
LSUHSC-New Orleans, School of Graduate Studies
- Co-Course Director, **INTER 100** and **INTER 102** 2018-present
- Biochemistry Course Director & Instructor
NIH-NIGMS-Post-baccalaureate Research Education Program (**PREP**)
LSUHSC-New Orleans, School of Graduate Studies
Responsibilities include Programmatic Curriculum Development with direct development of PREP scholars' specific courses beginning 2019.
- Co-Course Director, Foundations in Neuroscience 2020-present

- Biochemistry Course Director & Instructor
NIH-NINDS and the National Eye Institute: Enhancing Neuroscience Diversity through Undergraduate Research Education (**ENDURE**)
LSUHSC-New Orleans, SOM, Office of Diversity & Community Engagement (**ODCE**) & School of Graduate Studies

Responsibilities include Programmatic Curriculum Development with direct development of ENDURE scholars' specific courses beginning 2020.

Formal Course Responsibilities (contributions to Diversity, Equity, and Inclusion):

- Instructional Assistant, Biology 1999-2000
- Instructor of Biology 2000-2005
Dillard University (**HBCU**)
New Orleans, Louisiana
 - Undergraduate biology lectures and labs (majors and non-majors)
Biology 111, 111L, 112, 112L, 101
 - Undergraduate anatomy and physiology lectures and labs
Biology 201, 201L, 202, 202L
 - Undergraduate biology senior seminar
Biology 411, 412
- Graduate Assistant (Ph.D. student) 2006-2008
University of Nevada, Las Vegas
Las Vegas, Nevada
 - Undergraduate organic chemistry laboratory
Chemistry 241L, 242L
 - Undergraduate biochemistry laboratory
Chemistry 472L
- Instructor of Biology 1999-2000 and 2009-2010
Delgado Community College
New Orleans, Louisiana
 - Undergraduate biology lectures and labs (majors and non-majors)
Biology 141, 142, 143, 144
 - Undergraduate nutrition
Biology 114

- Graduate Assistant (Ph.D. student) 2010
LSU School of Graduate Studies
New Orleans, Louisiana
 - Graduate biochemistry lectures on nucleic acid metabolism
Biochemistry 201
- Assistant Professor – Research
LSU School of Medicine
New Orleans, Louisiana
 - Lecturer on concept maps in biochemistry 2015
Medical Biochemistry
 - Lecturer on biochemistry 2015-present
Pre-matriculation Program for incoming medical students
 - Case-study Facilitator 2016, 2017
Interprofessional Education Day
Center for Interprofessional Education and Collaborative Practice
 - Instructor 2016-2018
Scientific Critical Reading, Thinking, and Analysis
Summer Health Professions Education Program

I designed and created this course, in which I taught students the active, critical-reading skills necessary for improved critical analysis, reading comprehension, quantitative reasoning, and study skills in the basic sciences and quantitative-analysis subjects. In each basic-science and quantitative subject the students take thereafter, the instructors reinforce the applicability of these skill sets to the particular subject and to all academic subjects, thereby improving individual student performance and self-efficacy.
 - Facilitator 2017-present
Interprofessional Education TEAM-UP Program

This program groups students from all six of the schools in the Health Sciences Center to foster equitable inclusivity, interaction and learning for how their respective future careers intersect. As a facilitator therein, I work with two groups at a time for a two-year period.
 - **Co-Course Director, INTER 100 and INTER 102** 2018-present
NIH-NIGMS- Post-baccalaureate Research Education Program (**PREP**)
LSUHSC-New Orleans, School of Graduate Studies

Responsibilities include programmatic curriculum development of PREP specific courses.

- Associate Professor-Research
 - Facilitator 2017-Present
 - Grader 2021-Present
 - Mentor 2022-Present
 Interprofessional Education TEAM-UP Program

- **Co-Course Director, INTER 100 and INTER 102** 2019-present
- Biochemistry Director & Instructor
 NIH-NIGMS- Post-baccalaureate Research Education Program (**PREP**)
 LSUHSC-New Orleans, School of Graduate Studies

- Responsibilities include programmatic curriculum development of PREP specific courses.*

- Co-Course Director, Foundations in Neuroscience 2020-present
- Biochemistry Director & Instructor 2020-present
 NIH-NINDS and the National Eye Institute: Enhancing Neuroscience Diversity
 through Undergraduate Research Education (**ENDURE**)
 LSUHSC-New Orleans, SOM, Office of Diversity & Community Engagement (**ODCE**) &
 School of Graduate Studies

- Responsibilities include Programmatic Curriculum Development with direct development of ENDURE scholars' specific courses beginning 2020.*

- **House Faculty** 2020-present
- Basic Sciences-Biochemistry and Diversity, Equity, and Inclusion (**DEI**)
 Clinical Skills Integration (**CSI**) 101, 102, and 200
 School of Medicine

- **Graduate Biochemistry Faculty (Invited)** 2023-present
- Principles in Enzyme Catalysis and Enzyme Kinetics
INTER 111
 School of Graduate Studies

- **Full Graduate Faculty** 2024-present
 School of Graduate Studies

Departmental/Interdisciplinary Teaching Conferences:

- Facilitator 2001, 2002,
 Effective Teaching, Course Syllabi, and Curriculum Development Seminars 2004, 2005
 Dillard University (**HBCU**) Professional Development Workshops

These workshops focused on key aspects of faculty development. I presented workshops on the use of Bloom's Taxonomy of Educational Objectives, Bloom's list of verbs for use in stating performance objectives, and curriculum development for improved student performance on standardized examinations and post-baccalaureate placement.

- Co-Creator and Co-Facilitator 2018-present
Diversity Training Workshop for Graduate Faculty and Students
LSUHSC-New Orleans
New Orleans, Louisiana
- Facilitator 2019
Race around the Table: Equity Discussions
Race and Equity-Campaign for Equity-New Orleans
LSUHSC-New Orleans
New Orleans, Louisiana
- Creator & Co-Facilitator 2020
Creating an Inclusive Environment in the Laboratory
SOM, Office of Diversity and Community Engagement
LSUHSC-New Orleans
New Orleans, Louisiana
- Co-Creator & Co-Facilitator (Postponed due to the ongoing COVID-19 Pandemic) 2020
Innovative Institutional Partnerships for Faculty Engagement and Structural Racism
AAMC, Group on Diversity and Inclusion Professional Development Conference
Miami, FL
- Creator & Co-Facilitator 2020
Creating an Inclusive Academic Environments in Medicine
Health Equity Curriculum, Faculty Development
SOM, Offices of Undergraduate Medical Education and the Diversity and Community
Engagement
LSUHSC-New Orleans
New Orleans, Louisiana

Undergraduate, Medical, or Graduate Students Advised/Mentored:

- Previous undergraduate students: >200 1999-2005
Dillard University
- Previous undergraduate student 2001-2002
Dillard University
 - TaQuan Etheridge

As part of my role as an NSF LS-LAMP research advisor, I participated in a faculty/student collaboration with this student. The research project was entitled Crystallization of Anthracene.
- Current undergraduate students: >50 2015-present

As part of the ODCE, I advise and mentor undergraduate students from various partner institutions, including LSU, Southern University (Baton

Rouge and New Orleans), Loyola University, Tulane University, Dillard University, and Xavier University.

- NIH-NIGMS- Post-baccalaureate Research Education Program (**PREP**) Scholars 2018-present

2018-2019 Cohort

- Ashley Williams (UAB Graduate Student, 2019; transferred to LSUHSC-NO, School of Graduate Studies, Fall 2020)
- Jocelyn Knowing (UNO, MS Student 2019)
- Paula Datri (LSUHSC-NO, LCRC Research Assistant 2019)
- Shekinah Hernandez (NYU, Non-Degree Coursework 2019)

2019-2020 Cohort

- Chelsea Callicoatte (Research Associate in California; preparing Graduate School application, Fall 2020)
- Shana Littleton (University of Michigan)
- Diego Vargas (University of Colorado at Boulder)
- Anita Waye (University of Chicago)

2020-2021 Cohort

- Sheldon Davis (Angela Martin Amedee, PhD's Laboratory)
- Zari McCullers (Tiffany Will, PhD's Laboratory)
- Diego Torres Martinez (Liz Simon Peter, PhD's Laboratory)
- Roshaun Mitchell-Cleveland (Scott Edwards, PhD's Laboratory)
- Allison Norman (Martin Ronis, PhD's Laboratory)

2021-2022 Cohort

- Cheyleann Del Valle-Ponce de Leon (Martin Ronis, PhD's Lab Laboratory)
- Tiara Hamilton (Flavia Souza-Smith, PhD and Patricia Molina, PhD's Laboratories)
- Kelly Lozano-Ortiz (Angela Amedee, PhD and Robert Siggins PhD's Laboratories)
- Samira Mohammed (Lucas Albrechet-Souza, PhD's Laboratories)
- Heather Soileau (Sunyoung Kim, PhD's Laboratory)
- Olivia Warren (Jason Garner, PhD's Laboratory)

2022-2023 Cohort

- Isabella Liano (Patricia Molina, PhD and Alexandra Jacotte, PhD Laboratories)

2023-2024 Cohort

- Dwayne Crenshaw (Jenneifer Lentz, PhD's Laboratory)
- Caitlynn Diggs (Alison Quayle, PhD and Li Shen, PhD's Laboratories)
- Nicholas Horne (Jason Garner, PhD's Laboratory)
- Victoria Rodriguez (Jovanny Zabaleta, PhD's Laboratory)
- Katelyn White (Sunyoung Kim, PhD and Edward Wojcik, PhD's Laboratories)

2024-2025 Cohort

- Deja Holmes (Amelia Jernigan, MD's Laboratory)
- Trinity Martin (Alison Quayle, PhD and Li Shen, PhD's Laboratories)
- Tendayi Mpofu (Former NIH ENDURE @ LSUHSC-NO Scholar) (Jorgelina Calandria, PhD's Laboratory)

- Alyssa Negron (Peter Winsauer, PhD's Laboratory)
- NIH-NINDS-BP-**ENDURE**, Undergraduate, "Diversity in Neuroscience" Program (Participants are expected to participate up to two consecutive years in this academic pathway program.) 2020-present
- 2020-2021 Cohort
 - Ra'Janae Morris (year 1 only)
 - Caroline Perez (year 1)
 - Gabriel Sheets (year 1)
 - Elge A. Stevens, Jr. (year 1; Graduated)
 - Ngan Tran (year 1 only)
- 2021-2022 Cohort
 - Alexis Davis (year 1 only)
 - Caroline Perez (year 2)
 - Gabriel Sheets (year 2)
 - Matthew Wilson (year 1)
- 2022-2023 Cohort
 - Noor Hassan (year 1 only)
 - Tendayi Evelyn Mpofu (year 1)
 - Matthew Wilson (year 2)
- 2023-2024 Cohort
 - Bryson Aldridge (year 1)
 - Tonya Chaney (year 1)
 - Tendayi Evelyn Mpofu (year 2)
- 2024-2025 Cohort
 - Bryson Aldridge (year 2)
 - Tonya Chaney (year 2)
 - William Andrew Bruce (year 1)
 - Chelsea Muse (year 1)
- Medical students: >100 2015-present
 - *The students I work with in this capacity are all former participants of our Pre-matriculation Program.*
- Medical students: >50 2020-present
 - *Clinical Integration Skills (CSI) 101 & 200*
- Graduate students 2012-present
 - Mazvita Maziveyi, PhD, Biochemistry and Molecular Biology 2012-2018
 - Shannan Washington, PhD, Pharmacology 2012-2018
 - Cierra Singleton, PhD, Genetics 2013-2021
 - Dominique Smith, MS, Biomedical Sciences 2015-2017
 - Samuel C. Okpechi, PhD Biochemistry and Molecular Biology 2017-2023
~defended dissertation successfully, 12/02/2022

- Micquel Downs, PhD Biochemistry and Molecular Biology 2017-2023
~(NSF-REU and PhD Program) 2016-2024
- David Otohinoyi. PhD, Bioinformatics 2023-2024

Mentorship of these students was/is part of our pipelining program to increase diversity at LSUHSC-NO.

- LSU Center for Interprofessional Education and Collaborative Practice (CIPEP) 2012-present
- Sarah Cohen, BA, BS, School of Nursing, **MUSES** Program 2023-present
2024 Interprofessional Scholar (Graduation May 2024)

RESEARCH AND SCHOLARSHIP FOR DIVERSITY AND INCLUSION ACADEMIC PATHWAYS

Grants and Contracts:

SUBMISSIONS:

RENEWAL

Title: Inspiring Equitable Exploration of the Brain in the 21st Century: The NIHND/LSUHSC-NO, Undergraduate Diversity in Neuroscience Research Experiences (formerly Inspiring Diversity to Explore the Brain in the 21st Century: The NIHND/LSUHSC-NO, Undergraduate Diversity in Neuroscience Research Experiences) R25 NIH Blueprint ENDURE)

Sponsor: NIH-National Institute of Neurological Disorders and Stroke (NIHND) & NEI

Role: PI/PD (Multi-PI project, I serve as the oversight & contact PI w/the highest FTE)

Percentage of effort: 20%

Funding amount: \$300,000 (annually) for 5 years

Dates: 2025-2030

NEWLY PROPOSED:

Title: Inspiring Equitable Discovery in Brain Research at LSUHSC-New Orleans- the NIH NINDS and NEI Undergraduate Summer Program at LSUHSC-New Orleans

Sponsor: NIH-National Institute of Neurological Disorders and Stroke (NIHND) and NEI

Role: PI/PD

Percentage of effort: 25%

Funding amount: \$410,000 (annually) for 5 years

Dates: 2025-2030

CURRENT/ONGOING

Title: Post-Baccalaureate Research Education Program (PREP) in Biomedical Sciences (#R25GM148309)

Sponsor: NIH-NIGMS
Role: Co-Director
Percentage of effort: N/A
Funding amount: \$1,415,423 (annually; direct and indirect costs)
Dates: 2023-2028

Title: **Inspiring Diversity to Explore the Brain in the 21st Century: The NIHND/LSUHSC-NO, Undergraduate Diversity in Neuroscience Research Experiences (AN# 4271146; R25 NIH Blueprint ENDURE)**
Sponsor: NIH-National Institute of Neurological Disorders and Stroke (NIHND)
Role: PI/PD (Multi-PI project, I serve as the oversight & contact PI w/the highest FTE)
Percentage of effort: 18%
Funding amount: \$300,000 (annually) for 5 years
Dates: 2020-2025

COMPLETED

Title: **Post-Baccalaureate Research Education Program (PREP) in Biomedical Sciences (#1R25GM121189-01)**
Sponsor: NIH-NIGMS
Role: Co-Director
Percentage of effort: N/A
Funding amount: \$1,415,423 (annually; direct and indirect costs)
Dates: 2017-2022

NOTE: In partnership with Drs. Lisa Harrison-Bernard and Fern Tsien, I significantly redeveloped the fourth iteration of this proposal that led directly to its selection for NIH funding. As part of the work of this grant, I have co-developed a diversity and inclusion workshop that is uniquely focused on faculty/student interaction. Basic-science faculty, clinical faculty, and HR leadership have all participated in this workshop. Based on our discussions with and support of Drs. Nelson and Moerschbaeher, we have plans to develop this further into an institution-wide program.

Title: **NSF-REU-Research Experiences for Underrepresented (REU) in Basic Science and Genetic Research in Basic Science and Genetic Research Experience for Underrepresented Minority Undergraduates in Genetic and Biochemical Mechanisms of Prokaryotic and Eukaryotic Organisms (#2051440)**
Sponsor: National Science Foundation
Role: Co-Investigator (Co-I)/Co-Director (My role completed March 2024)
Percentage of effort: 1% (April-August)
Funding amount: \$327,417 (annually)
Dates: 2021-2024 (04/01/2021 until 03/31/2024)

Title: ***Building Infrastructure Leading to Diversity II (Awarded to Xavier University of Louisiana [XULA]) ([U54] NIH-NIGMS-UL1MD009607)***
Sponsor: NIH-NIGMS
Role: LSUHSC-NO Institutional Liaison to the XULA-awarded BUILD Grant

Updated Role: **Principal Investigator, as of August 3, 2020** (*my direct responsibilities concluded June 30, 2022, as the grant moves into the institutional integration phase*)
Percentage of effort: 5%
Funding amount: \$19.6 million over five years (direct and indirect costs)
Dates: 2019-2024

Title: **NSF-REU-Research Experiences for Underrepresented (REU): Research Experience for Undergraduates in Genetic and Biochemical Mechanisms of Invertebrates and Vertebrates**

Sponsor: National Science Foundation
Role: Co-Primary Investigator (Co-PI)/Co-Director
Percentage of effort: 5% (April-August)
Funding amount: \$318,582 (annually)
Dates: 2021-2023 (Submitting renewal, Wednesday, August 27, 2020)

Title: **NSF-REU-Research Experiences for Underrepresented (REU) in Basic Science and Genetic Research in Basic Science and Genetic Research Experience for Underrepresented Minority Undergraduates in Genetic and Biochemical Mechanisms of Prokaryotic and Eukaryotic Organisms (#1659752)**

Sponsor: National Science Foundation
Role: Co-Investigator (Co-I)/Co-Director
Percentage of effort: 1% (April-August)
Funding amount: \$259,429 (annually)
Dates: 2017-2020 (Ending 03/31/2020)

Title: **NSF-Research Experiences for Underrepresented Students in Basic and Genetic Research (#1359140)**

Sponsor: National Science Foundation
Role: Co-Investigator (Co-I)/Co-Director
Percentage of effort: 1% (April-August)
Funding amount: \$259,429 (annually)
Dates: 2014-2017

NOTE: My role began in April 2016. The project concluded and was renewed as NSF #1659752. (See below.)

Title: **Building Infrastructure Leading to Diversity I** (Awarded to Xavier University of Louisiana [XULA]) ([U54] NIH-NIGMS-UL1MD009607)

Sponsor: NIH-NIGMS
Role: LSUHSC-NO Institutional Liaison to the XULA-awarded BUILD Grant
Percentage of effort: 5%
Funding amount: \$19.6 million over five years (direct and indirect costs)
Dates: 2014-2019

NOTE: My role began in May 2016.

Title: **Robert Wood Johnson Foundation Summer Health Professions Education Program: Interprofessional Pilot (SHPEP, formerly SMDEP)**

Sponsor: Robert Wood Johnson Foundation
Role: Executive Project/Program Director
Percentage of effort: 50%
Funding amount: \$406,892 (for 15-month period; must resubmit annually for grant renewal)
Dates: 2016-2017

***NOTE:** This project is a partnership between the LSUHSC Schools of Medicine, Dentistry, and Public Health; the LSUHSC-NO Center for Interprofessional Education and Collaborative Practice; and Xavier University of New Orleans College of Pharmacy.*

Title: **Robert Wood Johnson Foundation Summer Health Professions Education Program**
Sponsor: Robert Wood Johnson Foundation
Role: Co-PI/Executive Project/Program Director
Percentage of effort: 40%
Funding amount: \$329,467 (for 12-month period; must resubmit annually for grant renewal)
Dates: 2017-2018

Non-funded Applications (last three years):

Title: The Louisiana State University Health Sciences Center (LSUHSC) S-STEM Master's Degree scholarship Program in New Orleans, LA (Application No.: 1930510)
Sponsor: National Science Foundation, S-STEM-Schlr Sci Tech Eng &Math, Division Of Undergraduate Education
Role: PI/PD
Percentage of effort: 5%
Funding amount: \$770, 790 for five year period
Dates: Submitted March 27, 2019

PUBLICATIONS:

Refereed Journal Articles

1. Meacham S, Karakas S, **Wallace A**, Altun F. Boron in human health: Evidence for dietary recommendations and public policies. *Open Mineral Processing J.* 2010; 3: 1-18.
2. Todaro DR ^{†1}, **Augustus-Wallace AC** ^{†1}, Klein JM [†], Haas AL ^{†#2}. The mechanism of neural precursor cell expressed developmentally down-regulated 4.2/NEDD4L-catalyzed polyubiquitin chain assembly. *J Biol Chem.* 2017; 292(47): 19521-19536.
3. Todaro DR ^{†1}, **Augustus-Wallace AC** ^{†1}, Klein JM [†], Haas AL ^{†#2}. Oligomerization of the Hect ubiquitin ligase NEDD4-2/NEDD4L is essential for polyubiquitin chain assembly. *J Biol Chem.* 2018; 293(47):18192-18206.
4. Gunaldo, TP, **Augustus-Wallace, A**, Goumas, A, Cheramie, T, Brisco, S, Levitzky, E. Integrating Interprofessional Education into an Academic Enrichment Program. *Health and Interprofessional Practice* 2018; 3(3).

5. Gunaldo, TP, **Augustus-Wallace, AC**, Levitsky, E, Norman Hicks, M. Chilling, D, and Goumas, A. Pre-health students define their role on an interprofessional team. *Health, Interprofessional Practice & Education* 2020: 4(1), 1-8.
6. Harrison-Bernard LM, **Augustus-Wallace AC**, Souza-Smith FM, Tsien F, Casey GP, Gunaldo TP. Knowledge gains in a professional development workshop on diversity, equity, inclusion, and implicit bias in academic. *Adv Physiol Educ.* 2020 Sep 1;44(3):286-294. doi: 10.1152/advan.00164.2019. PMID: 32484403
7. Gunaldo, TP, **Augustus-Wallace, AC**, Brisolara, K, Norman Hicks, M, Mercante, D, Zorek, JA, Chilling, D, and Synco, TM. Improving stereotypes: The impact of interprofessional education in pre-health students. Journal: *Journal of Interprofessional Care* IJIC. 2020 Article ID: IJIC 1806218
8. Erickson OA, Cole RB, Isaacs JM, Alvarez-Clare S, Arnold J, **Augustus-Wallace A**, et. al. (Tsien F) Dolan EL. "How Do We Do This at a Distance?!" A Descriptive Study of Remote Undergraduate Research Programs during COVID-19. *CBE Life Sci Educ.* 2022 Mar;21(1):ar1. doi: 10.1187/cbe.21-05-0125.PMID: 34978923
9. Riley A. Hess, Olivia A. Erickson, Rebecca B. Cole, Jared M. Isaacs, Silvia Alvarez-Clare, Jonathan Arnold, **Allison Augustus-Wallace**, et.al. (Tsien, F.) Erin L. Dolan. Virtually the same? Evaluating the effectiveness of remote undergraduate research experiences. *bioRxiv* 2023.01.03.474815; doi: <https://doi.org/10.1101/2022.01.03.474815>
10. **Augustus-Wallace, AC** Equitable hiring strategies for a diversified faculty. ASBMB (Published 8 February 2024 online; April 2024-hardcopy) <https://www.asbmb.org/asbmb-today/careers/020824/equitable-hiring-strategies>
11. Silver, JK, Ellinas, EH, **Augustus-Wallace, AC**. Sense of belonging is a critical component of workforce retention. *BMJ* 2024;384:q392 doi: <https://doi.org/10.1136/bmj.q392> (Published 16 February 2024)
12. Moore, M., Cuccia, M., Edwards, A., Hicks, C., McLean, A., Nieves-Rivera, C., Sheets, G., Sherman, KJ, **Augustus-Wallace, A**, Tsien, F. How can academic health science centers help to increase diversity in the STEM professions? *Front. Educ.*, 01 March 2024 Sec. Language, Culture and Diversity Volume 9-2024 <https://doi.org/10.3389/feduc.2024.1357946>

Non-refereed

Wallace ACA. *Dillard University's Pre-Dental School Program Guide.* 2003-2005.

NOTE: *Led the creation and development of programmatic guidelines for use by Dillard University pre-dental students.*

Doctoral Dissertation

Augustus-Wallace AC. Mechanism of HECT Domain E3 Ligases Nedd4.1-and Nedd4.2-Catalyzed Polyubiquitin Chain Assembly. LSUHSC School of Graduate Studies, Department of Biochemistry and Molecular Biology. May 2014.

Published Abstracts (Refereed and Presented):

1. **Augustus-Wallace AC**, Klein JM, Haas AL. Functional characterization of Nedd4.1 and Nedd4.2 HECT domain ligases. *FASEB J.* 2010; 25(1 Supp): 519.2.
2. Todaro DR^{†1}, **Augustus-Wallace AC**^{†1}, Haas AL^{‡2}. Mechanistic characterization of HECT domain ubiquitin ligase Nedd4.2. *FASEB J.* 2015; 29(1 Supp): 883.10. (1: Co-first authorship; †: Department of Biochemistry and Molecular Biology Department; 2: Correspondence; ‡: the Stanley S. Scott Cancer Center, LSUHSC-NO)
3. Todaro DR^{†1}, **Augustus-Wallace AC**^{†1}, Klein JM[†], Haas AL^{‡2}. Nedd4.2 is a functional oligomer exhibiting cooperative allosteric kinetics. *Biophysical J.* 2017; 112(3): 64A. (1: Co-first authorship; †: Department of Biochemistry and Molecular Biology Department; 2: Correspondence; ‡: the Stanley S. Scott Cancer Center, LSUHSC-NO)
4. Harrison-Bernard LM, **Augustus-Wallace AC**, Souza-Smith FM, Tsien F, Casey GP. Diversity training workshop for graduate faculty and students. *FASEB J.* 2018; 32(1): 773.11.
5. Harrison-Bernard LM, **Augustus-Wallace AC**, Basha M, Tsien F. Creating new graduate level courses for the postbaccalaureate research education program scholars. (Poster Presentation at the NIH NIGMS Training, Workforce Development, and Diversity Program Directors' Meeting, 2019)
6. **Augustus-Wallace, AC** Developing Inclusive Academic Environments: An Introductory Workshop Launching Awareness and Skill Building. 2021 Research Society for Alcoholism (RSA) Meeting, San Antonio, TX (via Zoom due to the COVID-19 Pandemic)
7. **Augustus-Wallace AC** Equity & Inclusivity in the STEM Environment: What Does It Mean & How Do We Achieve It? (Concurrent Session at the 2022 International Forum on Research excellence (IFoRE)-Sigma Xi Conference, Alexandria, VA)
8. **Augustus-Wallace, AC** Abstract 2490: Overview: Bias In-Bias Out in Data Science (2023) *Journal of Biological Chemistry, Volume 299, Issue 3, 103562*
9. Williams, B., Cohen, S., Karkoutli, D., **Augustus-Wallace, A.** and Gunaldo, T.: Building an Interprofessional Scholars Program at your Institution.
Nexus Summit Seminar 2023 (hosted by the National Center for Interprofessional Practice and Education and the American Interprofessional Health Collaborative)
10. Edwards, S., Devier, D., Gasparini, S., Gunaldo, T., Mazumder, H., Simon, L., Tian, X., **Augustus-Wallace, AC.** The Importance of Interprofessional Education in Developing Collaboration-Ready Biomedical Scientists For Translational Research
American Physiology Society 2024 <https://doi.org/10.1152/physiol.2024.39.S1.2130>

Presented Abstracts (Refereed):

1. Title: Boron Intakes in Humans and Potential Association with Cancer
Authors: Meacham SL, Cizdziel JV, **Wallace ACA**, Korkmaz M, Sayli U, Carper SW, Bakirdere S, Ataman OY
Venue: 42nd Western Regional American Chemical Society (**ACS**)
Location: Las Vegas, Nevada
Date: September 2008
2. Title: Boric Acid and Focal Adhesion Kinase (FAK): A Mechanism to Induce Apoptosis in Breast and Prostate Cancer Cells (poster presentation)
Authors: **Wallace ACA**, Meacham S, Abel-Santos E, Fiscus RR, Carper SW
Venue: 42nd Western Regional American Chemical Society (**ACS**)-Medicinal Chemistry/Cancer Drug Development Section
Location: Las Vegas, Nevada
Date: September 2008
3. Title: Functional Characterization of Nedd4.1 and Nedd4.2 HECT Domain Ligases (poster presentation)
Authors: **Augustus-Wallace AC**, Klein JM, Haas AL
Venue: Experimental Biology (American Society for Biochemistry and Molecular Biology [**ASBMB**]) Conference
Location: Washington, D.C.
Date: April 2011
4. Title: A Tale of Two Enzymes: Nedd4.1 and Nedd4.2 HECT Domain Ligases (poster presentation)
Authors: **Augustus-Wallace AC**, Klein JM, Haas AL
Venue: Sixth International Conference-SUMO, Ubiquitin, and UBL Proteins: Implications for Human Diseases
Location: M.D. Anderson Medical Cancer Center
Houston, Texas
Date: February 2012
5. Title: Mechanistic Characterization of HECT Domain Ubiquitin Ligase Nedd4.2
Authors: Todaro DR, **Augustus-Wallace AC** (co-first author), Haas AL
Venue: Experimental Biology Conference (**ASBMB**)
Location: Boston, Massachusetts
Date: March-April 2015
6. Title: Genetics and health sciences education pipeline for elementary, middle, high school (K-12) and undergraduate underrepresented minorities (URM) in the sciences at Louisiana State University Health Sciences Center
Authors: Tsien F, Moore M, Umrigar A, **Augustus-Wallace A**, Mercer D
Venue: 66th Annual Meeting of the American Association of Human Genetics
Location: Vancouver, Canada
Date: October 2016

7. Title: Public Health and Science Education Pipeline at Louisiana State University Health Sciences Center (LSUHSC) for K-12 and Undergraduate Underrepresented Minorities (URMs)
Authors: Moore M, Umrigar A, Spence M, Mercer D, Katner A, Cuccia M, **Augustus-Wallace A**, Tsien F
Venue: LSUHSC School of Graduate Studies Research Day
Location: New Orleans, Louisiana
Date: November 2016

8. Title: Nedd4.2 is a Functional Oligomer Exhibiting Cooperative Allosteric Kinetics
Authors: Todaro DR, **Augustus-Wallace AC** (co-first author), Klein JM, Haas AL
Venue: 61st Meeting of the Biophysical Society
Location: New Orleans, Louisiana
Date: February 2017

9. Title: Outcomes of a Public Health Educational Pipeline
Authors: Penas J, Moore M, Umrigar A, Adams M, Mercer D, Katner A, **Augustus-Wallace A**, Cuccia M, Tsien F
Venue: LSUHSC School of Public Health Research Day
Location: New Orleans, Louisiana
Date: April 2018

10. Title: Diversity Training Workshop for Graduate Faculty and Students
Authors: Harrison-Bernard LM, **Augustus-Wallace AC**, Souza-Smith FM, Tsien F, Casey GP
Venue: Experimental Biology Conference-American Physiology Society (**APS**)
Location: San Diego, California
Date: April 2018

11. Title: Equity & Inclusivity in the STEM Environment: What Does It Mean & How Do We Achieve It?
Author: Augustus-Wallace, AC (**2022 IFoRE Meeting Planning Committee and Presenter**)
Venue: International Research Forum on Research Excellence (**IFoRE**)-Sigma Xi Meeting
Location: Alexandria, VA
Date: November 2022

12. Title: Overview: Bias In-Bias Out in Data Science
Author: Augustus-Wallace, AC (**2023 Annual Meeting Committee Member; Chairperson-Organizer, and Presenter Maximizing Access Committee (MAC) 3-Day Symposium**)
Venue: American Society for Biochemistry & Molecular Biology (**ASBMB**) Annual Meeting/Maximizing Access Committee 3-Day Symposium
Location: Seattle, WA
Date: March 2023

13. Title: The Importance of Interprofessional Education in Developing Collaboration-Ready Biomedical Scientists for Translational Research

Author: Edwards, S., Devier, D., Gasparini, S., Gunaldo, T., Mazumder, H., Simon, L., Tian, X.,
Augustus-Wallace, AC
Venue: American Physiology Summit (APS) Annual Meeting
Location: Long Beach, CA
Date: April 2024

Podcasts, Webinars, Videos, Electronic Media, and Multimedia:

Instructor 2014-2024
 Science Education Videos
 Baptist Community Ministry and Patrick F. Taylor Foundation grants

This is a series of 30 short videos a year aimed at K-12 science classes and featuring LSUHSC graduate students, medical students, and trainees, along with children of various ages. The films focus on experiments that are part of the science curriculum in the State of Louisiana's Department of Education. These films are currently in the process of being copyrighted and translated into Spanish.

Panelist
 Academic Medicine Journal Podcast 2022

*Guests: Katherine Hoops, MD, MPH, Andra Blomkalns, MD, MBA, and Allison Augustus-Wallace, PhD, MS, MNS, joined host Toni Gallo to talk about **firearm safety and injury prevention education**. Topic: The role of physicians in engaging patients and communities in firearm injury risk reduction, the current state of firearm injury prevention education, and where the academic medicine community needs to go from here.*

<https://academicmedicinepodcast.libsyn.com/educating-physicians-about-firearm-safety-and-injury-prevention>

Moderator
ASBMB MAC Virtual Events
Topic: How to develop competitive academic portfolios (served as Moderator-Speaker) 2023
Topic: Black History in the making: A post-doc research series, Part II 2023

Co-Moderator 2023
AAMC GWIMS Virtual Office Hours (VOH) IDEAS
Topic: Navigating a Path to Leadership for Faculty w/PhDs

Co-Moderator 2024
AAMC IDEAS (Inclusion, Diversity, Equity, and Anti-Racism) Webinar
Topic: Women of Color: Leadership, Retention, and Toxic Environments
(Represents work in my role as AAMC GWIMS Co-Chair for Women of Color; and additional service with the AAMC WOC Initiative within the AAMC's Strategic Plan)

Moderator 2024
AAMC IDEAS (Inclusion, Diversity, Equity, and Anti-Racism) Webinar
Topic: Vot-ER Education Initiative

(Represents work in my role as AAMC GWIMS Chair of the Voters' Education and additional service with the AAMC's Strategic Plan)

Moderator 2025

ASBMB MAC Virtual Events

Topic: Cloud AI Systems for Biomedical Research Optimization and Bias Mitigation

Research Review Committees:

External Advisor Responsibilities (Peer Reviewer)

Freeman Hrabowski Scholars Competition 2022-present
Culture and Climate Advisor
Howard Hughes Medical Institute (HHMI)

Grant Peer Reviewer Responsibilities

- Undergraduate and Graduate Educational Grants 2017, 2018
National Science Foundation (NSF)

Submitted NSF S-STEM proposal (March 27, 2019) and therefore, I could not serve as reviewer for 2019 cycle.
- NIH-NINDS R25 Diversity Academic Pathway Programs 2020-present
Regular/Standing Panels Member
National Institutes of Health, National Institute of Neurological Diseases and Stroke (NINDS)
- NIH-NINDS T32 Institutional Training Grants 2020-present
National Institutes of Health, National Institute of Neurological Diseases and Stroke (NINDS)
- NIH-NINDS DSPAN F99/K00-Regular/Founding-Standing Panel Member
2020-2023 National Institutes of Health, National Institute of Neurological Diseases and Stroke (NINDS)
- NIH-NINDS DPAN, MOSAIC K99 & Diversity (NST-3) 2023-present
Study Session Regular/Founding-Standing Panel Member
(Formerly NIH-NINDS DSPAN F99/K00 Panel)
National Institutes of Health, National Institute of Neurological Diseases and Stroke (NINDS))
- NIH-NIGMS MOSAIC K99/K00-Regular/Standing Panel Member 2022-present
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
- NIH-NIGMS Training and Workforce Development Study Section C 2022-present
(TWD-C - Review of MARC and U-RISE Applications Standing Panel Member)

National Institutes of Health, National Institute of General Medical Sciences
(**NIGMS**)

- NIH-NINDS BRAIN Initiative-U24 2022-present
National Institutes of Health, National Institute of Neurological Diseases
and Stroke (**NINDS**)
- NIH-Common Fund Community Partnerships to Advance Science for Society
(**ComPASS**) CHESI OT 2023-present

Invited Seminars and Presentations:

Provision of Ongoing Presentations 2018-present
Improvement of Diversity Programs
National Institutes of Health (**NIH**), Office of Extramural Research

Invited International, National, Regional, and Local Panelist/Guest Faculty for Diversity, Equity, and Inclusion Programmatic Development:

1. Title: National Science Foundation/National Science Board Listening Session
Purpose: Underrepresented Minorities and Women:
Opportunities and Challenges in STEM
Role: **Panelist**
Venue: Xavier University of Louisiana (XULA)
Location: New Orleans, LA
Date: November 2017
2. Title: National institutes of Health, National Institute, Neurological Diseases & Stroke
(**NIH, NINDS**) Strategic Planning Panel Discussion for Trainings and Diversity
Role: **Panelist**
Location: Bethesda, MD (via Zoom due to COVID-19 Pandemic)
Date: September 2020
3. Title: Strategies to Increase Faculty and Students from Historically-Excluded
Backgrounds through the Promotion of Policies and Programs for Equity and
Inclusion
Role: **Guest Faculty**
Venue: NIH Cement Extramural Leadership Institute (**CELI**); National Institutes of
Health (NIH), the Office of the Director, Extramural Staff Training Office (**ESTO**)
Location: Bethesda, MD (via Zoom due to COVID-19 Pandemic)
Date: October 2020
4. Title: American Society for Biochemistry and Molecular Biology (**ASBMB**)
Meeting/ASBMB Educational & Professional Development, Career Symposium:
Research/Academic Administration
Role: **Panelist**

- Venue: American Society for Biochemistry and Molecular Biology (**ASBMB**) Virtual Meeting/ASBMB Educational & Professional Development, Career Symposium: Research/Academic Administration (via Zoom due to COVID-19 Pandemic)
Location: Rockville, MD (via Zoom due to COVID-19 Pandemic)
Date: November 2020
5. Title: Unconscious Bias Webinar: sponsored by the American Society for Biochemistry and Molecular Biology (**ASBMB**)-Women in Biochemistry and Molecular Biology (**WiBMB**) Committee and the Minority Affairs Committee (**MAC**)
Role: **Panelist**
Venue: American Society for Biochemistry and Molecular Biology (**ASBMB**)-Women in Biochemistry and Molecular Biology (**WiBMB**) Committee and the Minority Affairs Committee (**MAC**) (via Zoom due to COVID-19 Pandemic)
Location: Rockville, MD (via Zoom due to COVID-19 Pandemic)
Date: March 2022
6. Title: Tools to Promote Culturally Responsive Mentorship
Role: **Panelist**
Venue: Massachusetts Institute of Technology (**MIT**) Brain & Cognitive Sciences, McGovern Institute for Brain Research, Picower Institute for Learning and Memory
Location: Cambridge, MA (via Zoom due to COVID-19 Pandemic)
Date: April 2022
7. Title: National institutes of Health, National Institute, Neurological Diseases & Stroke (**NIH, NINDS**) R25/T32 Panel: **Maintaining a Neural Network: Transforming Mentorship** (*Novel Forms of Mentorship for Undergraduate and Graduate Students*)
Role: **Panelist**
Location: Bethesda, MD (via Zoom due to COVID-19 Pandemic)
Date: April 2022
8. Title: PIVOT: Strategic and Transformative Leadership
Role: **Keynote Speaker**
Venue: NIH Cement Extramural Leadership Institute (**CELI**); National Institutes of Health (**NIH**), the Office of the Director, Extramural Staff Training Office (**ESTO**)
Location: Bethesda, MD (via Zoom)
Date: September 2023
9. Title: How to Develop a Competitive Academic Portfolio and Personal Statement for the pursuit of Medical and Graduate (Biochemistry/Biomedical) Education
Role: **Presenter**
Venue: American Society for Biochemistry & Molecular Biology (**ASBMB**)-Maximizing Access Committee (**MAC** Member)
Location: Bethesda, MD (National Webinar)
Date: September 2023
10. Title: AIHC Member Opportunity at Nexus Summit (Interprofessional Education): Student Poster Reviewer

Role: **Poster Reviewer**
Venue: Nexus Summit 2023 (University of Minnesota)
Location: Minneapolis, MN (National Webinar Conference)
Date: September 2023

11. Title: Inclusivity: Where Are We and Where We Going?
Role: **Keynote Speaker**
Venue: International Clinical Cytometry Society (ICCS)-Women in Cytometry
Location: New Orleans, LA
Date: October 2023

Invited International, National, Regional, and Local Panelist, Gender Equity

1. Title: Advancing Women of Color by Making Gender Equity Intersectional
Role: **Invited Presenter-AAMC GWIMS (AAMC Gender Equity Strategic Plan Section 3)**
Venue: AAMC, Group of Diversity and Inclusion (GDI)
Location: Philadelphia, PA
Date: March 26, 2024

Invited International, National, Regional, and Local Panelist/Guest Faculty for Health Equity & Programmatic Development

1. Title: Innovation in Healthcare Webinar
Role: **Invited Panelist**
Venue: American Public Health Association (APHA), Health Administration Section
Location: Virtual; National Public Health Week: Protecting, Connecting, and Thriving-We Are All Public Health
Date: April 4, 2024

Invited National, Regional, and Local Guest Faculty/Facilitator for Diversity, Equity, and Inclusion Professional Development

1. Title: Diversity, Equity, and Inclusion (DEI) Professional Development: Microaggressions and Conflict Resolution
Role: **Creator & Facilitator**
Venue: Center of Excellence Scholars, XULA School of Pharmacy
Location: New Orleans, Louisiana
Date: March 2020
2. Title: Developing Inclusive Academic Environments: An Introductory Workshop Launching Awareness and Skill Building
Role: **Creator & Facilitator**
Venue: Research Society for Alcoholism (RSA) Meeting
Location: New Orleans, Louisiana (Cancelled due the ongoing COVID-19 Pandemic)
Date: June 2020
3. Title: Diversity, Equity, and Inclusion (DEI) Professional Development: Microaggressions and Conflict Resolution
Role: **Creator & Facilitator**

- Venue: Prevention Research Center, Pacific Institute for Research & Evaluation
Location: Berkeley, CA (via Zoom due to COVID-19 Pandemic)
Date: October 2020
4. Title: Diversity, Equity, and Inclusion (DEI) Professional Development: Microaggressions and Conflict Resolution
Role: **Creator & Guest Faculty/Facilitator**
Venue: Prevention Research Center, Pacific Institute for Research & Evaluation,
Location: Berkeley, CA (via Zoom due to COVID-19 Pandemic)
Date: December 2020 (Two-day session)
5. Title: DU Pre-Health White Coat & Spring Honors Ceremony
Role: **Invited Presenter; Advisory Board Member**
Venue: Dillard University
Location: New Orleans, LA
Date: April 20, 2021

Contracted (PM-11) /Invited International, National, Regional, and Local Guest Faculty/Facilitator for Diversity, Equity, and Inclusion Professional Development

1. Title: Diversity, Equity, and Inclusion (DEI) Professional Development: Microaggressions and Conflict Resolution
Role: **Creator & Guest Faculty/Facilitator**
Venue: Prevention Research Center, Pacific Institute for Research & Evaluation,
Location: Berkeley, CA (via Zoom due to COVID-19 Pandemic)
Date: March 2021 (Two-day session)
2. Title: Diversity, Equity, and Inclusion (DEI) Professional Development: Microaggressions and Conflict Resolution
Role: **Creator & Guest Faculty/Facilitator**
Venue: Prevention Research Center, Pacific Institute for Research & Evaluation,
Location: Berkeley, CA (via Zoom due to COVID-19 Pandemic)
Date: April 2021 (Two-day session)
3. Title: Developing Inclusive Academic Environments: An Introductory Workshop Launching Awareness and Skill Building
Role: **Creator, Facilitator/Invited Presented**
Venue: Research Society for Alcoholism (RSA)
Location: San Antonio, TX (via Zoom due to COVID-19 Pandemic)
Date: June 2021
4. Title: Diversity, Equity, and Inclusion (DEI) Professional Development: Microaggressions and Conflict Resolution
Role: **Creator & Guest Faculty/Facilitator**
Venue: Prevention Research Center, Pacific Institute for Research & Evaluation (**PRC-PIRE**)
Location: Berkeley, CA (via Zoom due to COVID-19 Pandemic)
Date: June 2021 (Two-day session)

5. Title: Diversity, Equity, and Inclusion (DEI) Professional Development: Microaggressions and Conflict Resolution
Role: **Creator & Guest Faculty/Facilitator**
Venue: Prevention Research Center, Pacific Institute for Research & Evaluation (**PRC-PIRE**)
Location: Berkeley, CA (via Zoom due to COVID-19 Pandemic)
Date: July 2021 (Two-day session)
6. Title: Diversity, Equity, and Inclusion (**DEI**) Professional Development: Microaggressions and Conflict Resolution
Role: **Creator & Guest Faculty/Facilitator**
Venue: Prevention Research Center, Pacific Institute for Research & Evaluation (**PRC-PIRE**)
Location: Berkeley, CA (via Zoom due to COVID-19 Pandemic)
Date: August 2021-present
7. Title: Mitigating Implicit Bias/Microaggressions in Mentoring: An Introductory DEI Workshop for Faculty/Mentors
Role: **Chairperson, RSA DEI Professional Development and Skills-Building Committee/ Creator & Head Facilitator (Team Facilitation)**
Venue: Research Society for Alcoholism (**RSA**)
Location: Orlando, FL (In-person w/stringent COVID-19 Mitigation Guidelines)
Date: June 2022
8. Title: Equity & Inclusivity in the STEMM Environment: What Does It Mean & How Do We Achieve It?
Role: **2022 IFoRE-Sigma Xi Meeting Planning Member & Presenter**
Venue: International Forum on Research Excellence (**IFoRE**)-Sigma Xi
Location: Alexandria, VA (In-person w/stringent COVID-19 Mitigation Guidelines)
Date: November 2022
9. Title: Bias In, Bias Out in Data Science
Role: **2023 Chairperson for the ASBMB-Maximizing Access Committee (MAC), Three-day Symposium, Annual Meeting Planning Committee Member, and Presenter**
Venue: American Society for Biochemistry & Molecular Biology (**ASBMB**)
Location: Seattle, WA (In-person w/stringent COVID-19 Mitigation Guidelines)
Date: March 2023
10. Title: Mentorship and Personal Intersectionality-How Both Impact Current & Future Scientists
Role: **Chairperson, RSA DEI Professional Development and Skills-Building Committee/ Creator & Head Facilitator (Team Facilitation)**
Venue: Research Society for Alcoholism (**RSA**)
Location: Bellevue, WA (In-person w/stringent COVID-19 Mitigation Guidelines)
Date: June 2023

LSUHSC-NO Institutional/School Faculty Development Responsibilities: Diversity, Equity, and Inclusion:

1. Title: LSUHSC Professional Development Workshop: Diversity Training Workshop for Graduate Faculty, Staff, and Students
Role: **Co-Creator & Co-Facilitator (Team Facilitation, NIH NIGMS PREP Grant Initiative, Co-Director)**
Venue: Medical Education Building (MEB)
Location: LSUHSC-New Orleans
Date: January, April, May, November 2018; January, April, May, November 2019
2. Title: Creating Inclusive Laboratory Environments
Role: **Creator & Head Facilitator (Team Facilitation; NIH NINDS ENDURE Grant Initiative, Director, MPI Project)**
Venue: LSUHSC-NO, Department of Neuroscience
Location: LSUHSC-New Orleans, Neuroscience Center of Excellence
Date: February 2020
3. Title: Creating an Equitable and Inclusive Environment
Role: **Creator & Head Facilitator (Team Facilitation)**
Venue: LSUHSC-NO, Schools of Medicine and Graduate Studies for Faculty, Basic Scientist and Clinicians (via Zoom due to COVID-19 Pandemic)
Date: September 2020
4. Title: Grand Rounds: Creating an Equitable and Inclusive Environment
Role: **Creator & Head Facilitator (Team Facilitation)**
Venue: LSUHSC-NO, Department of Radiology (via Zoom due to COVID-19 Pandemic)
Date: October 2020
5. Title: Grand Rounds: Creating an Equitable and Inclusive Environment
Role: **Creator & Facilitator**
Venue: LSUHSC-New Orleans, Department of Pathology (via Zoom due to COVID-19 Pandemic)
Date: December 2020
6. Title: LSUHSC Professional Development Workshop: Diversity Training Workshop for Graduate Faculty, Staff, and Students, 2018 & 2019 renamed **LSUHSC Professional Development Workshop: Diversity, Equity, Inclusion and Implicit Bias**
Role: **Co-Creator & Co-Facilitator (Team Facilitation, NIH NIGMS PREP Grant Initiative, Co-Director)**
Venue: LSUHSC-New Orleans, Medical Education Building (MEB) (via Zoom due to COVID-19 Pandemic)
Date: December 2020
7. Title: Microaggression: Identification & Mitigation
Role: **Creator & Facilitator**
Venue: LSUHSC-New Orleans, Department of Physiology (via Zoom due to COVID-19 Pandemic)
Date: April 2021
8. Title: Grand Rounds: Microaggression: Identification & Mitigation, Part I
Role: **Creator & Facilitator**

- Venue: LSUHSC-New Orleans, Department of Pathology (via Zoom due to COVID-19 Pandemic)
Date: April 2021
9. Title: Grand Rounds: Professionalism: Mitigation of Implicit Bias & Microaggressions
Role: **Creator & Facilitator**
Venue: LSUHSC-New Orleans, Department of Surgery (via Zoom due to COVID-19 Pandemic)
Date: June 2022
10. Title: Grand Rounds: Microaggression: Identification & Mitigation, Part I
Role: **Creator & Facilitator**
Venue: LSUHSC-New Orleans, Department of Rheumatology (hybrid-in person & Zoom due to COVID-19 Pandemic)
Date: September 2022
11. Title: Grand Rounds: Microaggression: Identification & Mitigation Part II
Role: **Creator & Facilitator**
Venue: LSUHSC-New Orleans, Department of Rheumatology (hybrid-in person & Zoom due to COVID-19 Pandemic)
Date: November 2022
12. Title: Grand Rounds: Microaggression: Identification & Mitigation Part II
Role: **Creator & Facilitator**
Venue: LSUHSC-New Orleans, Department of Pathology (hybrid-in person & Zoom due to COVID-19 Pandemic)
Date: December 2022

LSUHSC-NO Professional School Students' Development Responsibilities: Diversity, Equity, and Inclusion:

1. Title: Professionalism: The Importance of Diversity in the Biomedical Sciences
Role: **Creator & Facilitator**
Venue: LSUHSC-NO, School of Graduate Studies, Professional Course
Location: LSUHSC-New Orleans, Medical Education Building (MEB)
Date: September 2019 & January 2020
2. Title: Professionalism: The Importance of Diversity in the Biomedical Sciences
Role: **Creator & Facilitator**
Venue: LSUHSC-NO, School of Graduate Studies, Professional Course
Location: LSUHSC-New Orleans, Medical Education Building (MEB; via Zoom due to COVID-19 Pandemic)
Date: July 2020
3. Title: Professionalism: The Importance of Diversity in the Biomedical Sciences, Part I and Microaggressions, Part II
Role: **Creator & Facilitator**
Venue: LSUHSC-NO, School of Graduate Studies, Professional Skills Course

- Location: LSUHSC-New Orleans, Medical Education Building (MEB) (via Zoom due to COVID-19 Pandemic)
Date: September 2020 (Two-day session)
4. Title: Professionalism: The Importance of Diversity in the Biomedical Sciences, Part I and Microaggressions, Part II
Role: **Creator & Facilitator**
Venue: LSUHSC-NO, School of Graduate Studies, Professional Skills Course
Location: LSUHSC-New Orleans, Medical Education Building (MEB) (via Zoom due to COVID-19 Pandemic)
Date: October 2021 (Two-day session)
5. Title: Professionalism: The Importance of Diversity in the Biomedical Sciences, Part I and Microaggressions, Part II
Role: **Creator & Facilitator**
Venue: LSUHSC-NO, School of Graduate Studies, Professional Skills Course
Location: LSUHSC-New Orleans, Medical Education Building (MEB)
Date: Fall 2022 and Spring 2023 (Two-day session)
6. Title: **Anti-Discrimination/Anti-Bias Initiatives and their Importance in Health Equity**
Role: **Creator & Facilitator**
Venue: LSUHSC-NO, School of Dentistry
Location: LSUHSC-New Orleans, Clinic Building at the Dental School Campus
Date: Spring 2024

Invited Presentations & Seminars for Student Access/Success/Professional Development for Diversity, Equity, and Inclusion:

1. Title: Concept Maps in Biochemistry
Venue: Medical Biochemistry course
LSU School of Medicine
Location: New Orleans, Louisiana
Date: August 2015
2. Title: How to Develop a Competitive Academic Portfolio
Venue: Loyola University
Location: New Orleans, Louisiana
Date: October 2015
3. Title: How to Develop a Competitive Academic Portfolio
Venue: Timbuktu Academy, Southern University – Baton Rouge
Location: Baton Rouge, Louisiana
Date: January 2016
4. Title: How to Develop a Competitive Academic Portfolio
Venue: Ochsner Health System STAR Program
Location: New Orleans, Louisiana

- Date: July 2016
5. Title: How to Develop a Competitive Academic Portfolio
Venue: University of New Orleans
Location: New Orleans, Louisiana
Date: September 2016
 6. Title: How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Xavier University of Louisiana
Location: New Orleans, Louisiana
Date: September 2016
 7. Title: How to Develop a Competitive Academic Portfolio
Venue: Minority Student Pre-Professional Society
Louisiana State University
Location: Baton Rouge, Louisiana
Date: September 2016
 8. Title: How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Loyola University
Location: New Orleans, Louisiana
Date: September 2016
 9. Title: Summer Health Professions Education Program (**SHPEP**)
Venue: Webinar with Spelman College
Location: New Orleans, Louisiana
Date: November 2016
 10. Title: Summer Health Professions Education Program (**SHPEP**) and
How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Dillard University
Location: New Orleans, Louisiana
Date: January 2017
 11. Title: Summer Health Professions Education Program (**SHPEP**) and
How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Louisiana State University
Location: Baton Rouge, Louisiana
Date: September 2017
 12. Title: Personal Statement Development Workshop (sole facilitator)
Venue: NIH XULA-BUILD Invited Speakers Series
Location: New Orleans, Louisiana
Date: September 2017
 13. Title: Undergraduate Research Program Directors' Round Table (panelist)
Venue: NIH XULA-BUILD Speakers' Series: Career in Academia
Location: New Orleans, Louisiana
Date: October 2017
 14. Title: Summer Health Professions Education Program (**SHPEP**) and

- Venue: How to Develop a Competitive Academic Portfolio and Dress Professionally
Location: Southeastern University Louisiana University
Date: Hammond, Louisiana
 October 2017
15. Title: Summer Health Professions Education Program (**SHPEP**) and
 How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Dillard University
Location: New Orleans, Louisiana
Date: November 2017
16. Title: Summer Health Professions Education Program (**SHPEP**) and
 How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Southern University at New Orleans
Location: New Orleans, Louisiana
Date: November 2017
17. Title: LSUHSC–NO Academic Pipeline Programs for Diversity
Venue: LSU Undergraduate Research Day
Location: Baton Rouge, Louisiana
Date: November 2017
18. Title: Summer Health Professions Education Program (**SHPEP**) and
 How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Dillard University School of Public Health
Location: New Orleans, Louisiana
Date: January 2018
19. Title: SHPEP/Research Experiences for Undergraduates (**REU**)/Post-baccalaureate
 Research Education Program (**PREP**) Joint Presentation
Venue: Dillard University
Location: New Orleans, Louisiana
Date: February 2018
20. Title: **SHPEP/REU/PREP** Joint Presentation for Diversity
Venue: University of New Orleans
Location: New Orleans, Louisiana
Date: February 2018
21. Title: Summer Health Professions Education Program (**SHPEP**) and
 How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Dillard University
Location: New Orleans, Louisiana
Date: February 2018
22. Title: **SHPEP/REU/PREP** Joint Presentation for Diversity
Venue: Timbuktu Academy and **NSF LS–LAMP** Scholars
 Southern University A & M College
Location: Baton Rouge, Louisiana
Date: February 2018

23. Title: LSUHSC–NO SOM, ODCE, and SGS Programs Presentation and How to Develop a Competitive Academic Portfolio
Venue: Minority Access for Research Careers Students (**MARC**)
Dillard University
Location: New Orleans, Louisiana
Date: March 2018
24. Title: Curriculum Vitae Workshop (sole facilitator)
Venue: NIH XULA–BUILD Invited Speakers Series
Xavier University
Location: New Orleans, Louisiana
Date: March 2018
25. Title: Resume/Curriculum Vitae and Personal Statement Development Workshop (invited speaker and sole facilitator)
Venue: Student National Medical Association (**SNMA**) Pre-Day
LSUHSC–NO Human Development Center
Location: New Orleans, Louisiana
Date: April 2018 (**NOTE: Unable to attend due to severe weather.)
26. Title: Summer Health Professions Education Program (**SHPEP**) and How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Southern University at New Orleans
Location: New Orleans, Louisiana
Date: April 2018
27. Title: Eta Eta Chapter, Alpha Kappa Alpha Sorority, Inc., Panel Discussion: The Challenges of Professional African-American Women
Venue: University of New Orleans
Location: New Orleans, Louisiana
Date: April 2018
28. Title: LSU-Career and Professional Schools' Fair
Venue: Louisiana State University and A & M College
Location: Baton Rouge, Louisiana
Date: October 2018
29. Title: NIH-BUILD Grant at XULA Liaisons' Meeting
Venue: Xavier University at Louisiana
Location: New Orleans, Louisiana
Date: October 2018
30. Title: STEM NOLA at O.W. Dillion Leadership Academy
Venue: O.W. Dillion Leadership Academy
Location: Kentwood, Louisiana
Date: October 2018
31. Title: How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: University of New Orleans (Alpha Epsilon Delta, Pre-Med. Honors Society)
Location: New Orleans, Louisiana

- Date: November 2018
32. Title: How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Dillard University
Location: New Orleans, Louisiana
Date: November 2018
33. Title: Florida State University at LSUHSC-New Orleans: How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: LSUHSC-New Orleans
Location: New Orleans, Louisiana
Date: November 2018
34. Title: SOM and SOD Tiger Scholars Undergraduate Summer Academic Enrichment Program; How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Xavier University of Louisiana
Location: New Orleans, Louisiana
Date: January 2019
35. Title: SOM and SOD Tiger Scholars Undergraduate Summer Academic Enrichment Program; How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: LSU (Minority Student and Pre-Professional Society (**MSPPS**))
Location: Baton Rouge, Louisiana
Date: January 2019
36. Title: SOM and SOD Tiger Scholars Undergraduate Summer Academic Enrichment Program; How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Dillard University
Location: New Orleans, Louisiana
Date: February 2019
37. Title: SOM and SOD Tiger Scholars Undergraduate Summer Academic Enrichment Program; How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Xavier University of Louisiana (Center for Undergraduate Research and Graduate Opportunities (**CURGO**))
Location: New Orleans, Louisiana
Date: February 2019
38. Title: SOM and SOD Tiger Scholars Undergraduate Summer Academic Enrichment Program; How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Southeastern Louisiana University (**SELA**)
Location: Hammond, Louisiana
Date: February 2019

39. Title: SOM and SOD Tiger Scholars Undergraduate Summer Academic Enrichment Program; How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Dillard University
Location: New Orleans, Louisiana
Date: February 2019
40. Title: How to Achieve Success in **STEM** and Academia as a Woman of Color
Venue: Southern University at New Orleans (First Annual STEM Leadership Conference, Sponsored by the National Institute of Science/Beta Kappa chi Scientific Honor Society/Tri-Beta (**NIS/BKX/BBB**))
Location: New Orleans, Louisiana
Date: March 2019
41. Title: LSU Presidential Scholars Visit: Panel Discussion
Venue: LSUHSC-New Orleans
Location: New Orleans, Louisiana
Date: March 2019
42. Title: College Admissions Process Program (**#CAP**) Closing Ceremony Speaker
Venue: Gamma Eta Omega Chapter, Alpha Kappa Alpha Sorority, Inc.
Location: Baton Rouge, Louisiana
Date: June 2019
43. Title: SOM Tiger Scholars Undergraduate Summer Academic Enrichment Program; How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Southeastern Louisiana University (**SELA**)
Location: Hammond, Louisiana
Date: August 2019
44. Title: SOM Tiger Scholars Undergraduate Summer Academic Enrichment Program; How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: University of New Orleans
Location: New Orleans, LA
Date: September 2019
45. Title: SOM Tiger Scholars Undergraduate Summer Academic Enrichment Program; How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Southern University of New Orleans
Location: New Orleans, Louisiana
Date: September 2019
46. Title: SOM Tiger Scholars Undergraduate Summer Academic Enrichment Program; How to Develop a Competitive Academic Portfolio and Dress Professionally
Venue: Xavier University of Louisiana
Location: New Orleans, Louisiana
Date: October 2019
47. Title: SOM Tiger Scholars Undergraduate Summer Academic Enrichment Program; How to Develop a Competitive Academic Portfolio and Dress Professionally

- Venue: Southeastern Louisiana University (**SELA**)
Location: Hammond, Louisiana
Date: October 2019
48. Title: Mechanistic Studies of Ubiquitin Conjugation Cycle, E3 Ligases, Nedd4.1 and Nedd4.2
Venue: Department of Chemistry, Southeastern Louisiana University (**SELA**)
Location: Hammond, Louisiana
Date: October 2019
49. Title: Personal Statement Development
Venue: Xavier University at Louisiana (**XULA**)
Location: New Orleans, Louisiana
Date: October 2019
50. Title: STEM Day at St. George's School
Venue: St. George's School
Location: New Orleans, Louisiana
Date: October 2019
51. Title: LSUHSC-New Orleans Academic Pipeline and Programs Presentation for Diversity
Venue: Southern University-New Orleans (**SUNO**)
Location: New Orleans, Louisiana
Date: January 2020
52. Title: Personal Statement Development and LSUHSC-New Orleans Academic Pipeline & Programs Presentation for Diversity
Venue: Dillard University
Location: New Orleans, Louisiana
Date: January 2020
53. Title: LSUHSC-New Orleans Academic Pipeline and Programs Presentation
Venue: University of New Orleans (**UNO**)
Location: New Orleans, Louisiana
Date: February 2020
54. Title: Professional Development Series for Diversity
Program: Tiger Scholars Pre-Medical Student Academic Enrichment Summer Program
Venue: SOM, Office of Diversity and Community Engagement (**ODCE**), LSUHSC-New Orleans via Zoom due to the COVID-19 Pandemic
Location: New Orleans, Louisiana
Date: June 2020
55. Title: Professional Development Series for Diversity
Program: National Science Program-Research Exposures for Underrepresented Undergraduates (**NSF-REU**) Summer Program
Venue: SOM, Office of Diversity and Community Engagement (**ODCE**), LSUHSC-New Orleans via Zoom due to the COVID-19 Pandemic
Location: New Orleans, Louisiana

- Date: June –August 2020
56. Title: Professional Development Series for Diversity
Program: Summer Research Program, Dept. of Genetics
Venue: SOM, Office of Diversity and Community Engagement (**ODCE**), LSUHSC-New Orleans via Zoom due to the COVID-19 Pandemic
Location: New Orleans, Louisiana
Date: June-July 2020
57. Title: Professional Development Series for Diversity
Program: NIH-NINDS, BP ENDURE, Diversity in Neuroscience Program
Venue: SOM, Office of Diversity and Community Engagement (**ODCE**), LSUHSC-New Orleans via Zoom due to the COVID-19 Pandemic
Location: New Orleans, Louisiana
Date: June 2020-ongoing
58. Title: Professional Development Series for Diversity
Program: NIH-NIGMS, PREP Program
Venue: SOM, Office of Diversity and Community Engagement (**ODCE**), LSUHSC-New Orleans via Zoom due to the COVID-19 Pandemic
Location: New Orleans, Louisiana
Date: July 2020-ongoing
59. Title: Personal Statement Development and LSUHSC-New Orleans Academic Pipeline & Programs Presentation for Diversity (via Zoom due to COVID-19)
Venue: Dillard University
Location: New Orleans, Louisiana
Date: September 2020
60. Title: Personal Statement Development and LSUHSC-New Orleans Academic Pipeline & Programs Presentation for Diversity
Venue: Xavier University at Louisiana (**XULA**)
Location: New Orleans, Louisiana
Date: October 2020
61. Title: Personal Statement Development and LSUHSC-New Orleans Academic Pipeline & Programs Presentation for Diversity (via Zoom due to COVID-19)
Venue: Dillard University
Location: New Orleans, Louisiana
Date: February 2021
62. Title: Personal Statement Development and LSUHSC-New Orleans Academic Pipeline & Programs Presentation for Diversity (via Zoom due to COVID-19)
Venue: Dillard University
Location: New Orleans, Louisiana
Date: March 2021
63. Title: Personal Statement Development and LSUHSC-New Orleans Academic Pipeline & Programs Presentation for Diversity (In-person)

- Venue: Dillard University
Location: New Orleans, Louisiana
Date: September 2022
64. Title: LSUHSC-New Orleans Academic Pipeline & Programs Presentation for Diversity
Venue: Southern University at New Orleans (**SUNO**), Business Summit (In-person)
Location: New Orleans, Louisiana
Date: September 2022
65. Title: Personal Statement Development and LSUHSC-New Orleans Academic Pipeline & Programs Presentation for Diversity (In-person)
Venue: Southern University at New Orleans/Pre-Med & Pre-Graduate Students
Location: New Orleans, Louisiana
Date: October 2022
66. Title: Personal Statement Development and LSUHSC-New Orleans Academic Pipeline & Programs Presentation for Diversity (In-person)
Venue: Xavier University of Louisiana/Pre-Med & Pre-Graduate Students
Location: New Orleans, Louisiana
Date: November 2022
67. Title: Personal Statement Development and LSUHSC-New Orleans Academic Pipeline & Programs Presentation for Diversity (In-person)
Venue: Louisiana State University and A & M College (Main Campus)/Minority Student Pre-Professional Society (**MSPPS**)
Location: Baton Rouge, Louisiana
Date: November 2022
68. Title: How to Develop a Competitive Academic Portfolio and Personal Statement for the pursuit of Medical and Graduate (Biochemistry/Biomedical) Education
Role: **Presenter**
Venue: American Society for Biochemistry & Molecular Biology (**ASBMB**)-Maximizing Access Committee (**MAC** Member)
Location: Bethesda, MD (National Webinar)
Date: September 2023
69. Title: Personal Statement Development and LSUHSC-New Orleans Academic Pipeline & Programs Presentation for Diversity (Virtual)
Venue: Louisiana State University and A & M College (Main Campus)/Minority Student Pre-Professional Society (**MSPPS**)
Location: Baton Rouge, Louisiana
Date: March 2024

Editorial Posts and Activities:

Editorial Peer Reviewer Responsibilities

- Academic Medicine Journal 2020-present
Editorial Board-3-year term Appointment 2022-2025

***Editorial Board-3-year term Appointment
2nd term Appointment***

2025-present

- American Medical Association (**AMA**), Journal of Ethics 2020-present
- Health, Interprofessional Practice, Education Journal 2021-present
- Journal of Medical Education & Curricular Development 2022-present
- Journal of Science Policy & Governance 2022-present

SERVICE & ADMINISTRATION ACTIVITIES

University/Institutional Service: Dillard University (Former Employer)

Departmental Service-Administrative Appointments & Responsibilities

- Chairperson 2000-2005
Dental School Placement Committee
- Led the creation, development, and implementation of the Pre-Dental School Program.*
- Research Advisor and Faculty/Student Tutorial Support 2000-2005
National Science Foundation (**NSF**) LS-LAMP
- Advisor 2003-2005
Beta Beta Beta (**Tri-Beta**) National Biological Honors' Society

School Service-Administrative Appointments & Responsibilities

- Program and Academic Advisor 2000-2005
Pre-Dental School Program
- Senior Campus Advisor 2000-2005
Girl Scouts of America

Institutional Service/School: LSU Health Sciences Center – New Orleans

Institutional Health Sciences Center Service and Administrative Responsibilities

- Member (National and LSUHSC-NO Chapter) 2013-present
- Treasurer and Executive Board Member 2016-2017
Association of Women in Science

- Representative, Schools of Medicine and Graduate Studies
LSUHSC-NO, Multicultural and Diversity Affairs Institutional Committee 2015-present
 - Member 2015-present
Curriculum Steering and Development Committee
Center for Interprofessional Education and Collaborative Practice
 - Co-chairperson 2015-2016
 - Chairperson 2017-2018
Sci-Fly Mentoring Campus Event
Association of Women in Science
- At this campus-wide mentoring event, faculty and students from all six LSUHSC professional schools serve as mentors to visiting undergraduate students in our various summer academic and research programs.*
- Chairperson 2019-present
Sci-Fly Mentoring Campus Event
- This event is no longer supported/sponsored by the LSUHSC-New Orleans Chapter of the Association of Women in Science (AWIS). Instead, it is supported/sponsored by the School of Graduate Studies (SGS) Recruitment and Multicultural & Diversity Affairs Committees, along with the School of Medicine's (SOM) Dean's office. This activity remains a campus-wide mentoring event where faculty and students from all six LSUHSC professional schools serve as mentors to visiting undergraduate students in our various summer academic and research programs.*
- Appointed Member 2021-2022
Work Group on DEI Education and Learning
LSUHSC-NO, Vice-Chancellor, Diversity and Inclusion
 - Appointed Member 2021-2022
Council on Inclusive Excellence and Diversity
LSUHSC-NO, Vice-Chancellor, Diversity and Inclusion
 - Faculty Senator-SOM 2023-present
Chairperson-Faculty Senate Handbook Revisions
Voters' Education (AAMC, AAMC-GWIMS, & Vot-ER) Initiative

Voters' Education Institutional Initiative: Led the development and passage of the joint sponsorship between the SOM Multicultural and Diversity Affairs Committee (I serve as Chairperson of this committee) and the LSUHSC-NO Faculty Senate, which was approved for institutional implementation, via approval of Chancellor Steve Nelson and both General Counsels, New Orleans Campus and LSU-Main Campus-Baton Rouge.

School of Medicine Service and Administrative Responsibilities

- VCAA/Title IX Representative 2014-present
- Member 2014-2019
- **Chairperson** 2019-present
Multicultural and Diversity Affairs Committee
- Member 2014-present
Community Outreach Committee
- Member 2014-2022
- **Co-Chairperson** (one of three Co-Chairpersons) 2022-present
Women's Affairs Committee
- Member 2015-2019
Subcommittee: Promotions and Compensation Equity Task Force
Women's Affairs Committee
- Member 2021-present
Subcommittee: Chairperson, Leadership Discussion Panel
Women's Affairs Committee
- Member 2016-2017
Self-study Subcommittee 6: Competencies, Objectives, and Curricular Design
Liaison Committee on Medical Education (**LCME**) Accreditation Team
- Member 2016-present
Bioinformatics and Genomics Program
- Member 2017-present
Committee on Academic Standards
- Member 2018-present
Search Committee for Assistant Dean for Faculty Development
- Member and Faculty Professional Development-Lead 2020-present
Health Equity Curriculum Committee
Undergraduate Medical Education
- Faculty Assemblyperson-Basic Sciences 2020-present
- **Additional Activity:** Led the creation of the Faculty Assembly Award: 1st Term 2020-2023
Outstanding Service in Diversity, Equity, Inclusion, and
Anti-Discrimination Efforts (Renamed as the Outstanding
Service in Community Engagement and Health Equity, 2025)

-

2nd Term 2023-2026

- Faculty Assemblyperson Representative to SOM Administrative Council 2023-present
- Faculty Senator-SOM 2023-present
Additional Activity 1: Chairperson-Faculty Senate Handbook Revisions
Additional Activity 2: Voters' Education (AAMC, AAMC GWIMS, & Vot-ER) Initiative

Voters' Education Institutional Initiative: Led the development and passage of the joint sponsorship between the SOM Multicultural and Diversity Affairs Committee (I serve as Chairperson of this committee) and the LSUHSC-NO Faculty Senate, which was approved for institutional implementation, via approval of Chancellor Steve Nelson and both General Counsels, New Orleans Campus and LSU-Main Campus-Baton Rouge.

President-Elect, Faculty Senate, LSUHSC-New Orleans, Faculty Senate (President, 2026-2027 and Past-President, 2027-2028) 2025-2026

- Member 2024-present
Accreditation Mock Site Visit, Diversity Environment/Mistreatment/Learning Environment Team
Liaison Committee on Medical Education (LCME) Accreditation Team
- Member 2024-present
Self-Study Diversity Environment/Mistreatment/Learning Environment Team
Liaison Committee on Medical Education (LCME) Accreditation Team
- Member 2024-present
Self-Study Educational Program Objectives Team
Liaison Committee on Medical Education (LCME) Accreditation Team
- Member 2024-present
Standardized Patient (SP) Project Working Group

School of Graduate Studies Service and Administrative Responsibilities

- Member 2010-2018
Minority Student Recruitment Committee
- Secretary 2011-2013
Student Government Association
- Member 2012-present
Vice-Chairperson 2018-2020
Co-Chairperson 2020-2020
Multicultural and Diversity Affairs Committee

- Founder
PhD and MD/PhD Alumni Association 2015-present
- Alumni Affairs Representative 2016-present
Diversity and Community Engagement Representative 2017-present
Graduate Advisory Committee (**GAC**)
- Member 2018-2020
Graduate Orientation Committee
- Vice-Chairperson 2018-2020
Co-Chairperson 2020-2021
Chairperson 2021-present
Graduate Studies Recruitment Committee
(Renamed in 2022 to the **Pipeline Recruitment & Programs Committee**)
- **Chairperson** 2018-present
School of Graduate Studies Open House Event Committee

*Since I serve as Vice-Chair for both of these **SGS** committees, this committee is composed of members from both the School of Graduate Studies (**SGS**) Recruitment and Multicultural & Diversity Affairs Committees. Additionally, this activity is supported/sponsored by the Schools of Graduate Studies (**SGS**) and Public Health (**SOPH**).*

Professional-Community Service Organization Memberships:

- Girl Scouts of the United States of America 2000-present
 - Adult Member/Adult Educator 2000-present
 - Girl Scouts, Louisiana East (**GSLE**) 2000-present
 - Senior Campus Advisor 2000-2005
Dillard University
 - Board of Directors 2014-2020
 - ❖ Member-At-Large 2014-2020
 - ❖ Fundraising Committee
 - Member 2014-2020
 - Co-chairperson (served with Mrs. Terrence (Stephanie) Osborne
Cookies and Cocktails Fundraising Event 2015, 2016
 - Co-chairperson (served with Mrs. Nancy Parker Boyd) 2017

Cookies and Cocktails Fundraising Event

- Juliette Gordon Low Leadership Luncheon Event Planning Cmte. 2018, 2019

- Alpha Kappa Alpha Sorority, Inc. 2002-present

*“Alpha Kappa Alpha Sorority, Incorporated (AKA) is an international service organization that was founded on the campus of Howard University in Washington, D.C. in 1908. It is the oldest Greek-letter organization established by African-American college-educated women. Alpha Kappa Alpha is comprised of nearly 300,000 members in approximately 1,018 graduate and undergraduate chapters in the United States, the U.S. Virgin Islands, the Bahamas, Canada, Dubai, Germany, Japan, Liberia, and South Korea. Led by International President Dr. Glenda Baskin Glover, Alpha Kappa Alpha is Often hailed as “America’s premier Greek-letter organization for African-American Women.” **www.aka1908.com***

 - Rho Pi Omega Chapter 2002-2006
 - Recording Secretary 2003-2004
 - Member of Graduate Advisor Team to Undergraduate Chapter 2003-2006
 - Co-chairperson Chapter Health Awareness and Promotion Committee 2003-2006
 - Vice-President 2004-2006
 - Tau Iota Omega Chapter 2012-2015
 - Co-chairperson Chapter Health Awareness and Promotion Committee 2012-2015
 - Chairperson Chapter Standards Committee 2013-2015
 - Chapter Delegate South Central Regional Conference New Orleans, Louisiana 2013
 - Member Protocol Committee South Central Regional Conference New Orleans, Louisiana 2013
 - Chairperson Conference Protocol Committee Southern Louisiana Cluster Conference 2013

New Orleans, Louisiana

- Alpha Beta Omega Chapter 2015-present
 - STEM/SMART Initiatives Subcommittee Chairperson 2016-2018
ASCEND Youth Enrichment Program

The ASCEND Youth Enrichment Program was the 2014-2018 signature international enrichment program of Alpha Kappa Alpha, Inc., and served to preparation of ninth through twelfth grade students for undergraduate education. As the 2016-2018 STEM/SMART Initiatives Subcommittee Chairperson, every Saturday morning during the fall and spring semesters, I led the STEM/SMART based lessons and experiments for our ninth-twelfth grade participants to prepare for undergraduate STEM/SMART majors.
 - Member 2016-present
 - Chairperson 2018-2019
Chapter Heart Health Awareness and Promotion Committee

*This committee is responsible for sponsoring a number of community events regarding heart health awareness. Events in which I have been directly involved in planning include Pumps & Pearls – Cardiovascular Health Awareness; The Longest Day, an event to raise awareness of Alzheimer’s Disease; a cardiovascular-awareness fair held at the NOMTAC Parade; and Pink Goes Red Day, an event to raise awareness of women’s cardiovascular health. As the 2018-2019 **Chairperson** of this committee, I continued this body of service and led our Chapter’s Pink Goes Red for a Day and GIRLTREK (organization that promotes heart health & exercise through the placement of sidewalks in New Orleans East communities) events partnered with the local American Heart Association and represented our chapter on the Pumps and Pearls Planning committee for the city-wide event that was held in downtown New Orleans at the Harrah Casino Hotel.*
 - Member 2016-present
Membership Committee
 - Member-At-Large 2018-2020
GNO-ABO Foundation
 - Chapter Delegate 2020, 2021, 2022
Regional and International Meetings
 - 2nd Vice-President (Two-Terms of Service) 2020-2023
 - Chairperson, Standards Committee 2020-2023
Service as member since completion of two-terms of service as Chairperson 2024-present

- Chairperson, 2023 Founders' Day Celebration Committee 2022-2023
- Member, Audit Committee 2022-present
- Member, Constitution & Bylaws Committee 2022-present

Serendipitous Event (January 2020): *Due to my role as a Member-at-Large on the Girl Scouts-Louisiana East (GSLE), Board of Directors, as well as a member of the Alpha Beta Omega Chapter of Alpha Kappa Alpha Sorority, Inc., I facilitated 2020 AKA-ABO sponsorship of girls from GSLE's Greater New Orleans and New Orleans-East Troops attendance, to the ballet. This particular evening of the ballet was sponsored by the NOLA Ballet Association and The Arts! Committee of AKA, ABO, entitled, "Evening of the Star's Performance and 50th Anniversary Gala" w/featured international ballet star Glen Allen of the Alvin Alley American Dance Theater and tribute to the NOLA Icon, Allen Toussaint.*

Community Service Activities:

- Senior Volunteer 1993-1996
Well-Baby Nursery
Woman's Hospital of Baton Rouge
Baton Rouge, Louisiana
- Liaison and Board President 2007-2008
Imagine Schools Mountainview Science and Mathematics
Las Vegas, Nevada

Volunteering in this role to create and develop this charter elementary school enabled me to further my experience in writing educational grants. In addition, I testified on several occasions before the Nevada State Board of Education to justify funding.

- Judge 2015
Student National Medical Association Annual Medical Education Conference
New Orleans, Louisiana
- Girl Scouts Louisiana East Fundraising Event: **Cookies and Cocktails** 2015-2017
 - Co-Chairperson (served with Co-Chairperson Mrs. Terrence (Stephanie) Osborne) 2015, 2016
 - Co-Chairperson (served with Co-Chairperson Fox 8 News Anchor Mrs. Nancy Parker Boyd-Deceased) 2017
- LSUHSC Representative 2016-present
Organizing Committee
¿Que Pasa? Latino Festival
Metairie, Louisiana

My role in this event is to secure the literature from the institutional academic programs of all six LSUHSC schools and various clinics for distribution.

- LSUHSC Co-director/Facilitator 2017; 2018
 YouthForce NOLA Career Expo
 New Orleans, Louisiana

Coordinated and facilitated the participation of LSUHSC-NO six professional schools in presenting pipeline programs and STEM-specific career options to 2,000 high-school students from 16 Orleans Parish high schools.
- Pumps and Pearls Heart Health Community Awareness Event 2015-2018
 Member
 Heart Health Awareness and Promotion Committee
 Alpha Beta Omega Chapter, Alpha Kappa Alpha Sorority, Inc.
 New Orleans, Louisiana
- Pumps and Pearls Heart Health Community Awareness Event 2019
 Chairperson
 Heart Health Awareness and Promotion Committee
 Alpha Beta Omega Chapter, Alpha Kappa Alpha Sorority, Inc.
 New Orleans, Louisiana

As Chapter Committee Chairperson, served as a member of Event Planning Committee representing our Chapter and its Heart Health Awareness Committee; facilitated event marketing through interview with Fox 8 News Anchor Mrs. Nancy Parker Boyd.
- GIRLTREK Complete Streets Rally at Eastshore Playground (New Orleans East) 2019
 Event (Partnered guests of the American Heart Association)
 Chairperson
 Heart Health Awareness and Promotion Committee
 Alpha Beta Omega Chapter, Alpha Kappa Alpha Sorority, Inc.
 New Orleans, Louisiana

Led committee in our participation at this event; distributed American Heart Association heart health and healthy dietary habit brochures to event participants and community residents.
- Juliette Gordon Low Leadership Luncheon Planning Committee 2018, 2019
 Member
 Board of Directors and Fundraiser Committee
 Girl Scouts Louisiana East
 New Orleans, Louisiana
- Caregivers' Luncheon Planning Committee 2019
 Member
 Alpha Beta Omega Chapter, Alpha Kappa Alpha Sorority, Inc.
 New Orleans, Louisiana

Community event created and held to recognize members of our community caring for

their long-sick and disabled family members and friends.

- Inspiring Girls to pursue careers in Science, Technology, Engineering & Math (STEM) 2020-present
Mentor
American Heart Association's STEM goes RED Presented by Entergy
New Orleans, Louisiana

A day-long community event created by the American Heart association and sponsored by Entergy to expose high school girls to careers in Science, Technology, Engineering & Math (STEM). I served as a mentor and panelist for the event held January 16, 2020.

- Facilitator: Opportunity for Girl Scouts to attend the ballet with members of Alpha Kappa Alpha, Sorority, Inc. (Alpha Beta Omega Chapter) 2020

Serendipitous Event: *Due to my role as a Member-at-Large on the Girl Scouts-Louisiana East (GSLE), Board of Directors, as well as a member of the Alpha Beta Omega Chapter of Alpha Kappa Alpha Sorority, Inc., I facilitated 2020 AKA-ABO sponsorship of girls from GSLE's Greater New Orleans and New Orleans-East Troops attendance, to the ballet. The January 25, 2020 evening of the ballet was sponsored by the NOLA Ballet Association and The Arts! Committee of AKA, ABO, entitled, "Evening of the Star's Performance and 50th Anniversary Gala" w/featured international ballet star Glen Allen of the Alvin Alley American Dance Theater and tribute to the NOLA Icon, Allen Toussaint.*

- Rosedown Subdivision Homeowners Association Board of Directors (HOA) 2022-present
Member-Elected 2022
Mandeville, Louisiana
- American Heart Association-Board of Directors 2024-present
Member-Elected (Official Start: July 1, 2024)
New Orleans, Louisiana

APPENDIX:

RESEARCH NARRATIVE/PERSONAL CONTRIBUTIONS TO SCIENCE

2004-2005

My initial dissertation research project consisted of studying angiogenesis and the transcriptional activation of matrix metalloproteinase 14 (MMP14). My research proposal was to determine the

second messengers involved in the early events of angiogenesis that led to the progression of tumor formation. The hypothesis was that the angiogenic response occurred through the expression of FGF-2, which caused PAF, a potent lipid second messenger, to activate, thus resulting in the activation of both signal transducers and transcription activators. I believed that this activation led to the upregulation of MMP14, performed ultimately by STAT3 phosphorylation. Thereby, the goal was to determine if STAT3 phosphorylation inhibition resulted in the inhibition of FGF-2 mediated upregulation of MMP14. I hypothesized that this step would be a significant site for therapeutic treatment. I submitted this dissertation research proposal in the fall of 2004 under the sponsorship of my dissertation research professor at the time, Dr. Jay D. Hunt, under the program announcement PAR-03-048. As a result, I was awarded the Ruth L. Kirschstein National Research Service Award, Faculty Predoctoral Individual Fellowship (Award Number: F-34-GM75615-01), which provided \$200,000 over five years. These monies funded my five-year sabbatical from Dillard University to complete my education. This work was disrupted due to Dr. Hunt's leaving LSUHSC-NO for other professional opportunities.

2005-2006

As a result of Dr. Hunt's departure from the institution, I began studying with dissertation research professor/sponsor, Dr. Arthur L. Haas, III, then and present chairperson of the Biochemistry and Molecular Biology Department in the LSUHSC-NO School of Graduate Studies. The change in mentorship shifted my research focus to understanding the mechanism of enzyme kinetics and the ubiquitin conjugation cycle. Therefore, my research proposal, which was to focus on the up-regulation and metabolic shifts of E1 kinetics, was resubmitted under the program announcement PAR-03-048 for support by the Ruth L. Kirschstein National Research Service Award, Faculty Predoctoral Individual Fellowship. As a result, I was awarded the Ruth L. Kirschstein National Research Service Award, Faculty Predoctoral Individual Fellowship a second time (Award Number: F-34-GM75615-01), for the same time period and award amount. Unfortunately, I had to relinquish this funding and project due to Hurricane Katrina and the necessity of relocating out of state.

2006-2009

Then I transferred from the LSUHSC doctoral program in biochemistry and molecular biology into the doctoral program in chemistry at the University of Nevada, Las Vegas. While there, I studied under dissertation research professor/mentor Dr. Stephen W. Carper. As a result, my research focused on determining a mechanism to induce apoptosis in breast and prostate cancer cells. The ability of boric acid (BA) to induce apoptosis, but not necrosis, had been reported by several investigators in DU-145 prostate cancer cells, which we also confirmed in ZR-75-1 breast cancer cells using fluorescent microscopy. Additional FAK ELISA studies confirmed that BA inhibited the appearance of active, phosphorylated focal adhesion kinase, known as pFAK, both in ZR-75-1 and DU-145 cell lines. Although these studies were ultimately interrupted by the death of Dr. Carper in the fall of 2007 during my transition to doctoral candidacy, I attempted to continue these studies, which included the preliminary development of a definitive methodology for the use of flow cytometry to confirm these findings. Additionally, I provided a poster presentation during the 2008 American Chemical Society Meeting. In 2010, after I returned to the biochemistry and molecular biology doctoral program at LSU Health Sciences Center – New Orleans, I published components of this work with the colleagues listed in the publication:

Poster Presentations

- a. Meacham SL, Cizdziel JV, **Wallace AC**, Korkmaz M, Sayli U, Carper SW. (2008) Boron intakes in humans and potential association with cancer. (Abstract presented at 42nd Western Regional American Chemical Society: Medicinal Chemistry – Cancer Drug Development, Las Vegas,

Nevada, September 23-27, 2008)

- b. **Wallace ACA**, Meacham S, Abel-Santos E, Fiscus RR, Carper SW. (2008) Boric Acid and Focal Adhesion Kinase (FAK): A Mechanism to Induce Apoptosis in Breast and Prostate Cancer Cells (Poster presented at the 42nd Western Regional American Chemical Society Medicinal Chemistry – Cancer Drug Development; Las Vegas, Nevada, September 23-27, 2008)

Manuscript (Peer-reviewed)

- c. Meacham S, Karakas S, **Wallace A**, Altun F. (2010) Boron in Human Health: Evidence for Dietary Recommendations and Public Policies. *Open Mineral Processing J.* 3: 1-18.

2010-2014

The central hypothesis of my completed dissertation project, under dissertation research professor/mentor Dr. Arthur L. Haas, III, proposed that the structure function features of E6AP, archetype of the HECT domain E3 ligase superfamily, were/are conserved in Nedd4.1 and Nedd4.2, attributing for their ability to regulate the 26S proteasome and to conjugate ubiquitin to target proteins. Ultimately, the project study highlighted another important challenge in the ubiquitin conjugation field: understanding the E2-E3 transthioylation reaction and polyubiquitin chain formation. To expand our understanding of the ubiquitin conjugation system, this study utilized biochemically-based functional kinetic assays to investigate polyubiquitin chain assembly, which at its basis is E2-E3 transthioylation. This study confirmed that, like E6AP, Nedd4.1 and Nedd4.2 possess two E2~ubiquitin thioester binding sites for polyubiquitin chain assembly. However, unlike E6AP, which possesses a cognate E2 (UbcH7), both Nedd4.1 and Nedd4.2 exhibit broad E2 carrier protein specificity, with selectivity for the Ubc4/5 clade. This characteristic allows for these ligases to function without the necessity of specific E2 carrier protein availability. Furthermore, these studies indicated that Nedd4.2 is oligomeric in its full catalytic form. Also, Nedd4.1 and Nedd4.2 are able to assemble Lys63-linked chains that can be free, unconjugated, or conjugated. Additionally, Nedd4.1 may possess a chain specificity switch in its full catalytic form that can be manipulated. Finally, Nedd4.2 exhibited greater affinity for the Ubc5B-ubiquitin thioester in the presence of the external target substrate GST-FLAG-ENaC β subunit, demonstrating a two-substrate random-addition mechanism. These are the first mechanistic studies of Nedd4.1 and Nedd4.2. Their findings will allow greater insight for future drug design aimed at treating diseases that arise from Nedd4.1 and Nedd4.2.

Doctoral Dissertation

Mechanism of HECT Domain E3 Ligases Nedd4.1- and Nedd4.2-Catalyzed Polyubiquitin Chain Assembly, Louisiana State University Health Sciences Center, School of Graduate Studies, Department of Biochemistry and Molecular Biology, May 2014.

Manuscripts (Peer-reviewed)

Todaro DR, **Augustus-Wallace AC** (co-first author), Klein JM, Haas AL. The mechanism of neural precursor cell expressed developmentally down-regulated 4.2/NEDD4L-catalyzed polyubiquitin chain assembly. *J Biol Chem.* 2017; 292(47):19521-19536.

Todaro DR, **Augustus-Wallace AC** (co-first author), Klein JM [†], Haas AL. Oligomerization of the Hect ubiquitin ligase NEDD4-2/NEDD4L is essential for polyubiquitin chain assembly. *J Biol Chem.* 2018; 293(47):18192-18206.

Abstract (Peer-reviewed)

Todaro DR, **Augustus-Wallace AC** (co-first author), Klein JM, Haas AL. Nedd4-2 is a Functional Oligomer Exhibiting Cooperative Allosteric Kinetics *Biophysical Journal*, 2018 Volume 112, Issue 3, 64a

2014-present

Concurrently, my contributions to science include workforce development, to increase the presence of faculty and students in the biomedical-research and medical workforces from all backgrounds, including those historically-excluded and disadvantaged, to improve science research and health equity for all populations.

Manuscripts (Peer-Reviewed)

Gunaldo, TP, **Augustus-Wallace, A**, Goumas, A, Cheramie, T, Brisco, S, Levitzky, E. Integrating Interprofessional Education into an Academic Enrichment Program. *Health and Interprofessional Practice* 2018; 3(3).

Gunaldo, TP, **Augustus-Wallace, AC**, Levitzky, E, Norman Hicks, M. Chilling, D, and Goumas, A. Pre-health students define their role on an interprofessional team. *Health, Interprofessional Practice & Education* 2020: 4(1), 1-8.

Harrison-Bernard LM, **Augustus-Wallace AC**, Souza-Smith FM, Tsien F, Casey GP, Gunaldo TP. Knowledge gains in a professional development workshop on diversity, equity, inclusion, and implicit bias in academic. *Adv Physiol Educ*. 2020 Sep 1;44(3):286-294. doi: 10.1152/advan.00164.2019. PMID: 32484403

Gunaldo, TP, **Augustus-Wallace, AC**, Brisolara, K, Norman Hicks, M, Mercante, D, Zorek, JA, Chilling, D, and Synco, TM. Improving stereotypes: The impact of interprofessional education in pre-health students. Journal: *Journal of Interprofessional Care* IJIC. 2020 Article ID: IJIC 1806218

Erickson OA, Cole RB, Isaacs JM, Alvarez-Clare S, Arnold J, **Augustus-Wallace A**, et. al. (Tsien F) Dolan EL. "How Do We Do This at a Distance?!" A Descriptive Study of Remote Undergraduate Research Programs during COVID-19. *CBE Life Sci Educ*. 2022 Mar;21(1):ar1. doi: 10.1187/cbe.21-05-0125. PMID: 34978923

Riley A. Hess, Olivia A. Erickson, Rebecca B. Cole, Jared M. Isaacs, Silvia Alvarez-Clare, Jonathan Arnold, **Allison Augustus-Wallace**, et.al. (Tsien, F.) Erin L. Dolan. Virtually the same? Evaluating the effectiveness of remote undergraduate research experiences. *bioRxiv* 2023.01.03.474815; doi: <https://doi.org/10.1101/2022.01.03.474815>

Augustus-Wallace, AC Equitable hiring strategies for a diversified faculty. ASBMB (Published 8 February 2024 online; April 2024-hardcopy) <https://www.asbmb.org/asbmb-today/careers/020824/equitable-hiring-strategies>

Silver JK, Ellinas EH, **Augustus-Wallace AC**. Sense of belonging is a critical component of workforce retention. *BMJ*. 2024 Feb 16;384:q392. doi: 10.1136/bmj.q392. PMID: 38365283.

Moore, M., Cuccia, M., Edwards, A., Hicks, C., McLean, A., Nieves-Rivera, C., Sheets, G., Sherman, KJ, **Augustus-Wallace**, A., Tsien, F. How can academic health science centers help to increase diversity in the STEM professions? *Front. Educ.*, 01 March 2024 Sec. Language, Culture and Diversity Volume 9-2024 <https://doi.org/10.3389/feduc.2024.1357946>

Edwards, S., Devier, D., Gasparini, S., Gunaldo, T., Mazumder, H., Simon, L., Tian, X., **Augustus-Wallace, AC**. The Importance of Interprofessional Education in Developing Collaboration-Ready Biomedical Scientists For Translational Research *American Physiology Society* 2024 <https://doi.org/10.1152/physiol.2024.39.S1.2130>