

SPRING/SUMMER 2022



NOBCChE
collaborative

About NOBCChE Collaborative

The purpose of the NOBCChE Collaborative roundtable is to develop a pipeline of academic career opportunities for NOBCChE undergraduate, graduate, and post-doctoral members that helps to achieve NOBCChE's overall mission and seeks to improve the representation of people of color in academia.

MESSAGE FROM DR. WILLIAMS-CARTER

2022 COLLABORATIVE SPRING CONFERENCE

Dear NOBCChE Collaborative Conference Attendees:

Our Annual NOBCChE Collaborative Conferences hosted by the University of Pittsburgh on March 17-19th, 2022 and Morehouse College on April 7-8th, 2022 were a great success. We would like to take this opportunity to extend our gratitude to our NOBCChE Collaborative representatives and judges, distinguished guest speakers and faculty presenters, poster presentation undergraduate and graduate student participants, conference attendees, and the Collaborative delegates who joined us for these events.

We look forward to connecting with each of you soon and invite you, if not already, to make your NOBCChE membership official.

Sincerely,

Tyrslai Menyaee' Williams-Carter, Ph.D.
SW NOBCChE Regional Director
Assistant Dean of Mentorship, Education, & Research
LSU/Strategic Initiatives of the Graduate School
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NOBCCHE COLLABORATIVE TEAM

- *Dr. Tyrslai Williams-Carter - NOBCChE Liaison - Louisiana State University*
- *Shelita Renee' Hall - Collaborative Intern - PhD Student, Materials Science & Engineering at Norfolk State University*

NOBCCHE COLLABORTIVE CHARTER INSTITUTIONS



CHARTER 1

Auburn University
Hampton University
Ohio State University
University of Pittsburgh
Jackson State University
Winston-Salem State University
Hutson Consulting, LLC

CHARTER 2

Spelman College
Boston University
Lincoln University
Morehouse College
Northeastern University
University of Mississippi
Carnegie Mellon University
Savannah State University
Massachusetts Institute of
Technology
Roger Williams University
Hutson Consulting, LLC

NOBCCHE COLLABORATIVE WEBSITE IS UNDERWAY

The NOBCChE Collaborative Website is under construction! We are always looking for news items, e.g. awards, promotions, and appointments, educational and career opportunities, and any other newsworthy items to post to our website. Please check out our website at nobicche.org/collaborative and email your news items to Shelita Hall at Shelita.hall1@gmail.com.



For More Information Visit: <https://www.nobicche.org/collaborative>

NOBCChE COLLABORATIVE SPOTLIGHT!

Congrats Dr. Juana Mendenhall!

Dr. Juana Mendenhall, Charter 2 Morehouse College representative becomes Department Chair for Chemistry.

About Juana Mendenhall, Ph.D.

Dr. Juana Mendenhall is the Walter E. Massey Professor of Physical Sciences at Morehouse College in the Department of Chemistry at Morehouse College in Atlanta, GA. At Morehouse, she is the Director and Principal Investigator of the Smart Biomaterials Lab, President and Founder of TheraVisc™, LLC, a company that specializes in developing viscosupplement injectable gels to help with knee injuries, the TEDx licensee for TEDx Morehouse College, and educator, and scholar.



ABOUT THE COLLABORATIVE LIASON

Dr. Tyrslai M. Williams-Carter is the Director for the Office of Strategic Initiatives (OSI) and an instructor of General Organic Chemistry at Louisiana State University. Formerly, she served as Assistant Director of OSI Programs. During her doctoral studies, Dr. Williams-Carter investigated the Design, Synthesis and Evaluation of BODIPY-Peptidic Conjugates for Biological Applications and served in an instructor position. Over the past 15 years, she has conducted science demonstrations and mentored youths at surrounding schools and continues to contribute to the professional development of students from high school to graduate levels in several capacities.

She is affiliated with many professional STEM organizations and currently serves as the Southwest Regional Director for the National Organization of Black Chemists and Chemical Engineers (NOBCChE). She has published both science and educational publications and is the PI/Co-PI of 4 ongoing educational support projects. Her focus and vision is two-fold: she is dedicated to transforming the lens through which underserved K-12 students see higher education and broadening participation and matriculation of undergraduate and graduate students in STEM.



It is our pleasure to invite you to attend **NOBCChE's 49th Annual Meeting, September 26-29 at the Rosen Shingle Creek in Orlando, Florida.**

Each year, the Annual Conference provides opportunities for networking and mentorship between students of all levels and professionals. In addition, the conference creates a venue for scientific dialogue through technical programming, as well as personal and professional development for students and early/mid-career professionals. Finally, the conference is a celebration of the history of the organization and the achievements of its members. Some of our signature events include the Winifred Burks-Houck Luncheon, the Percy Julian Luncheon, and the NOBCChE Awards Ceremony!

Share your news with us!

Email your news of awards, recognitions, promotions, and academic achievements for our newsletter.

Contact us!

Email all news, inquiries, responses, and comments to:
nobicche.org/collaborative

NOBCChE COLLABORATIVE SPRING CONFERENCE RECAP

Charter 1

Eighteen undergraduate and graduate students participated in the 2nd Annual NOBCChE Collaborative Research Poster Competition presenting posters and lectures across a broad spectrum of chemistry topics.

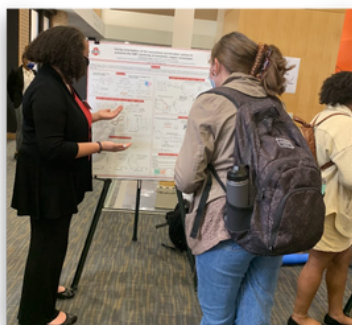
The winners in the 2nd Annual NOBCChE Collaborative Research Poster Competition are as follows:

Undergraduate Students

1st place – Mikayla Browning, Jade Witter | 2nd place – Yolanda Torres, Tomisin Latona | 3rd place – Steven Yannicci

Graduate Students

1st place – Jincy Vinod, Zweli Hlatshwayo | 2nd place – Jessica Fletcher | 3rd place – Mariah Meehan, Yifan Qi



Charter 2

Charter 2 heard and chimed in on discussions about methods to successfully establish a charter for promoting NOBCChE's missions followed by an intriguing brainstorming session to consider ways to leverage current programs and activities from member institutions.



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**NOBCCHE
COLLABORATIVE
SPOTLIGHT!**

Congrats Dr. Bakarr Kanu!

Dr. Kanu was invited to serve on two NSF Review Panels for the Mathematical & Physical Sciences Directorate, in the Division of Chemistry.

He was also invited to moderate a session on gunshot residue and to serve as a judge for the Emerging Forensic Scientist Award at the 74th Annual Forensic Science Meeting in Seattle, WA.

Lastly, Dr. Kanu got a paper accepted for publication in The Chemical Educator journal.

Title of Article: *Combining Gas Chromatography-Mass Spectrometry and Principal Component Analysis to Facilitate Complete Detection and Identification of Ignitable Liquids.*



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The **2023 Northeast Regional Meeting of the American Chemical Society (NERM 2023)** will be held from Wednesday to Saturday, June 14-17. The meeting will be hosted by the Northeastern Section of the ACS with most of the technical sessions and special events to be held at Northeastern University in Boston.

The theme of the meeting, Chemistry: Crossing Intersections, will be reflected in the technical program featuring research that crosses and transcends the traditional boundaries of chemistry and chemical engineering. For example, there will be symposia on sustainable syntheses and processes, chemistry in the life sciences, the digital world of chemistry, chemistry advancing industry, chemical education research, and communities within chemistry. NERM 2023 will feature poster sessions highlighting student research, workshops designed by and for high school chemistry teachers, a graduate school fair, an Exposition featuring a Career Navigator LIVE job fair, professional development workshops, an Awards Banquet, and much, MUCH more!

Call for NERM 2023 Symposia. Proposals for symposia aligned with the meeting theme are due August 1, 2022. We encourage all interested chemists and chemical engineers to submit symposium proposals on cross-disciplinary topics such as those described above. We are especially interested in receiving proposals that include a diverse group of presenters and session chairs.

To submit a symposium proposal, please go to our website at: <https://2023.nermconference.org/>. If you have any questions about NERM 2023 please contact the organizers at nerm2023@nermconference.org.

On behalf of the NERM 2023 Organizing Committee and NESACS, we look forward to your participation in this event.



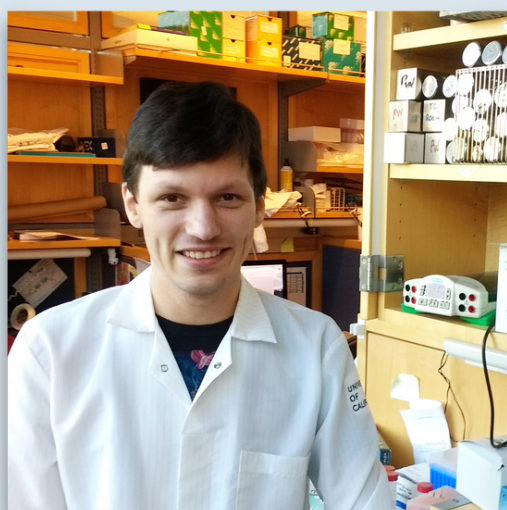
THE OHIO

STATE UNIVERSITY

The Department of Chemistry and Biochemistry at The Ohio State University will be welcoming two new faculty members, Dr. Davita Watkins and Dr. Vladislav Belyy, in Autumn 2022!



Dr. Davita Watkins is an organic chemist whose research focuses on materials chemistry and she will be moving to OSU as Associate Professor this fall. Dr. Watkins completed her undergraduate coursework at Vanderbilt University and her Ph.D. at the University of Memphis. She has been on the faculty at the University of Mississippi, where she began her independent career in 2014.



Dr. Vladislav Belyy is a biochemist whose research focuses on biophysical chemistry and he will be starting at OSU as an Assistant Professor this fall. Dr. Belyy completed undergraduate coursework at the University of Maryland, College Park and his Ph.D. at the University of California, Berkeley.



Massachusetts
Institute of
Technology

MIT Chemistry is pleased to announce the **2022 Creating Bonds with Chemistry Program**. This is the second year of our program that has been working to create enduring collaborative relationships between faculty members at MSIs and MIT. During the summer students spend time at MIT in these collaborations as Chemical Bonding Fellows. This summer we have four Fellows, three of which are coming back to MIT for a second summer:

Ms. Florencia Burian (Flo), who is advised by Professor Matthew Niepielko from Kean University and MIT Professor Alex Shalek, has been developing experimental and computational methods to increase the number of biochemical perturbations we can test on complex biological systems.

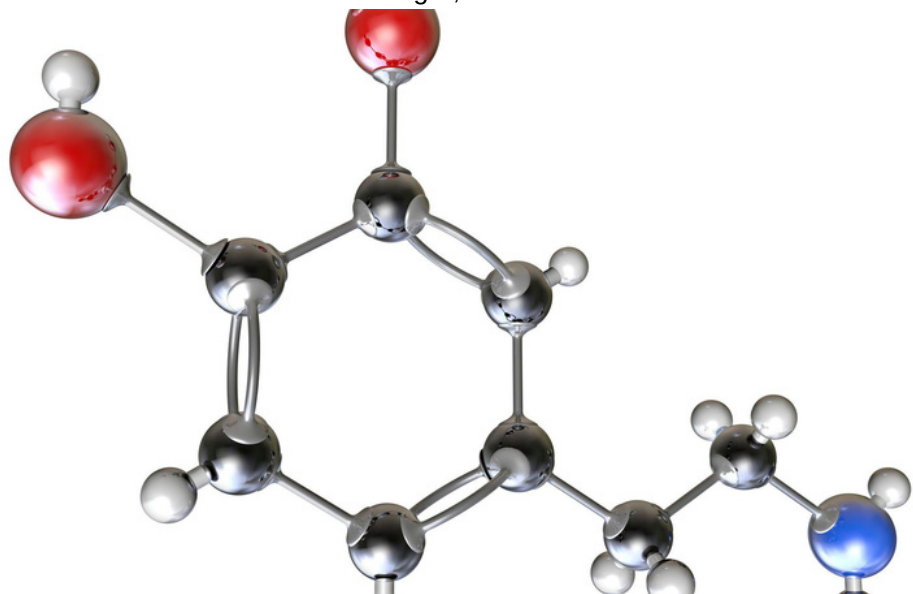
Ms. Taylor Talley, who is advised by Professor Michelle Gaines of Spelman College and Professor Jeremiah Johnson of MIT, is developing a new type of nanocage-based hydrogel material that could find applications in drug delivery.

Ms. Ekoa Beneman, is advised by Professor Michelle Gaines of Spelman College and Professor Jeremiah Johnson of MIT, is working on the design of novel additives to enable Ru-catalyzed ring-opening metathesis polymerization (ROMP).

Ms. Ayannah LaShae Lang is advised by Professor Mary Van Vleet of Spelman College and Professor Adam Willard of MIT, will be helping to initiate a new collaboration in computational chemistry.

We are striving to raise funds for an expanded program in 2023. Stay tuned.

Tim Swager, MIT



Future Faculty Workshop

NEW ENGLAND FUTURE FACULTY WORKSHOP 2022

The New England Future Faculty Workshop will be held on Wednesday, July 27 and Thursday, July 28, 2022.

This virtual, two-day conference will include the following topics:

- Finding your institutional fit
- Making your CV stand out
- Perfecting your interviewing skills
- Crafting research, teaching, and diversity statements
- Negotiating the job offer
- Creating a quick-start plan
- Honing time management skills

The workshop is sponsored by Northeastern University's ADVANCE Office of Faculty Development, Research Corporation for Scientific Advancement, and Northeastern University Office of Diversity, Equity, and Inclusion, and it is presented in partnership with Harvard Medical School.

The workshop will remain virtual in 2022.

The application deadline for the 2022 New England Future Faculty Workshop is on June 13.



Northeastern University

Northeastern University is committed to cultivating talent and promoting the full inclusion of excellence. This workshop is designed to serve those who are members of groups whose representation in faculty positions is smaller than their representation in the U.S. population. This includes women, racial and ethnic minorities, persons with disabilities, first-generation students, and members of the LGBTQ+ community.



HAPPY SUMMER

