2022 Faculty and Student Research Conference

Mercer University
Atlanta Campus
Saturday, March 26th, 2022
10am - 3pm

Sponsored By:

The Office of the Provost
The College of Professional Advancement
Welcome to the 12th annual Atlanta Faculty and Student Research Conference. In this program, you will find information about the different research projects and presenters, including presentation times and locations.

With 70+ presenters representing various colleges and disciplines across our campuses, we are proud to showcase the great research happening throughout the University!

## Conference Schedule Overview

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OPENING REMARKS, SWILLEY LIBRARY RESEARCH AWARDS & KEYNOTE ADDRESS
10:00 - 10:55

2nd Floor Auditorium

1. Opening Remarks. Welcome and thank you to all presenters and attendees.

   Presiding: Dr. Cameron Miller, Department Chair of Human Services and Psychology, College of Professional Advancement.

   Welcome: Dr. Priscilla Danheiser, Dean of College of Professional Advancement, & Dr. Wayne Glasgow, Senior Vice Provost for Research.

2. 2022 Swilley Library Student Research Awards Presentation.

   Presenter: Kim Eccles, Associate Professor and Assistant Dean for Research Services, Swilley Library.

   Winner: Priyal Bagwe, College of Pharmacy. Intranasal Vaccination with Inactivated Gonorrhea Vaccine Induces Immunity in Mice.


3. Keynote Address. Dr. Ruschelle Leone, Georgia State University, School of Public Health.

   Introduction of Keynote Speaker: Dr. Cameron Miller, Associate Professor, College of Professional Advancement.


3. Relationship Between Multi-Generation Household Status and Asian American Help-Seeking Attitudes. Han M. Tran, Kira Harris, Wendy Chu, & Andrea C. Ng, College of Health Professions.

4. Pediatric Acute Lymphocytic Leukemia: Advances in Early Recognition, Diagnosis, and Treatment. Ally Jones & Catherine Sadowski, College of Health Professions.

5. All Aboard!: Let the Wind of Curiosity Sail the Ship of Students’ Scientific Sense-Making. Matthew Roper & Sharma Meenakshi, Tift College of Education.


9. Adoption of Body & Brain Techniques for Anxiety Treatment by Therapists in Georgia. Adacelis Perez Cole, College of Professional Advancement.

11. Music Therapy for Pediatric Behavioral/Mental Health Patients in a Medical Facility. Sarah McWaters, Margaret Gettis, & Joan Bourne, College of Professional Advancement.


20. FFA1 and FFA4 Opposingly Regulate Cell Migration and Invasion in Papillary Renal Cell Carcinoma. Priyanka Florina Karmokar & Nader Moniri, College of Pharmacy.
POSTER SESSION 1 (cont.)


LECTURE SESSION 1
15- and 30- minute talks
11:40 – 12:10

30 minute talks:

AACC 175 (11:40-12:10)
The Implication of the Dunning-Kruger Effect for Mercer Clinical PA Students. Henry Heard, College of Health Professions.

AACC 191 (11:40-12:10)

AACC 280 - 2nd Floor Auditorium (11:40-12:10)
Research can be Scary! How to Increase Student Engagement in Research and Ignite Passion. C. Peeper McDonald, Tomeco Woods, Taylor Jaczko, Sutton Marvin, & Raven Scott, College of Professional Advancement.
15 minute talks:

AACC 181 (11:40-11:55)

AACC 181 (11:55-12:10)
Addressing Proximal Myofascial Trigger Points in Lateral Epicondylitis: A Case Study. Mason Dwinnell & Ann Lucado, College of Health Professions.

AACC 182 (11:40-11:55)
Differences in Attitudes Towards Injury Prevention Programs Based on Collegiate Division. Jeremiah Brehon & Emily Gabriel, College of Health Professions.

AACC 182 (11:55-12:10)

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LUNCH
12:10 - 12:45
2nd Floor Atrium

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MERCER UNIVERSITY
2nd Floor Atrium

1. Tackling Obesity with Nutrition Education. Jennifer Pittman & Erin Lepp, College of Health Professions.

2. The Emerging Threat of Baylisascaris Procyonis on Pediatric Medicine. Maclayne Heller & Jennifer de la Cruz, College of Health Professions.


4. Are Health Sciences Accreditation Criteria Age-Friendly? Taylor Everly, Susan Miller, David Taylor, Leslie Taylor, & Jennifer de la Cruz, College of Health Professions.

5. The Bridge to Resilience. Chelsea Lacagnina & Rebecca Mortensen, College of Health Professions.


9. Music Therapy for Pediatric Behavioral/Mental Health Patients in a Medical Facility. Sarah McWaters, Margaret Gettis, & Joan Bourne, College of Professional Advancement.

10. Social Justice Advocacy and Multicultural Counseling: Where Do We Go from Here? Shaketa Robinson Bruce, College of Professional Advancement.
11. Why are We Incarcerating Our Mental Health Population and Not Providing Preventive Care? Deondra Curry, College of Professional Advancement.


14. The Duplicate Medical Records in EHR at Wellstar Atlanta Medical Center. Patrice Frank Walls & Awatuf Ben Ramadan, College of Professional Advancement.


POSTER SESSION 2 (cont.)


22. Prescription Cost Savings at Discharge: Comparison of Services with Pharmacy Trainee Involvement. Emma Chandlee, Heidi Berman, Carrie Tilton, & Nicole Metzger, College of Pharmacy.


LECTURE SESSION 2
1:30 - 2:00

30 minute talks:

AACC 175 (1:30-2:00)
Call to Action: The Need to Recenter Black Women's Experiences in Intersectionality Research. Tomeco N. Woods & C. Peeper McDonald, College of Professional Advancement.

AACC 191 (1:30-2:00)
Mental Health Initiatives as a Method of Support for Black Women with Anxiety. Raven Scott, Hayley LoveLace, & C. Peeper McDonald, College of Professional Advancement.

AACC 181 (1:30-2:00)
The Lived Experience of LGBTQ+ Counseling Students. Kristin Nahas & C. Peeper McDonald, College of Professional Advancement.

AACC 182 (1:30-2:00)
The Disruptive Problem of Employee Job Turnover in Higher Education. William Drew Smith Jr., Tift College of Education.

AACC 240 (1:30-2:00)
Leadership Opportunities for Research and Reflection in an Intercultural Communication Course. Arla Bernstein, College of Professional Advancement.
POSTER SESSION 3
2:00 – 2:40

2nd Floor Atrium


2. Diabetic Ketoacidosis (DKA) Management and Outcomes Based on Diabetes Type. Kyle Gash, Lindsey Brandstetter, & Trinh Tran, College of Pharmacy.

3. Effect of Chemical Enhancers on the Transdermal Delivery of Linagliptin. Tanvi Karve & Ajay Banga, College of Pharmacy.


5. Evaluation of Demographic Influencers on Student Pharmacists’ Wellbeing. Eliana Lovett & Maria Miller Thurston, College of Pharmacy.

6. Course Design and Assessment Mapping to Support Learning Outcomes in a Pharmacy Course. Renee Hayslett, Reid Proctor, & Taylor Justice, College of Pharmacy.

7. Flu Fighters: A Pain-free Microneedle Vaccine Patch for Influenza. Sharon Vijayanand, Keegan Braz Gomes, Sang-Moo Kang, & Martin D’Souza, College of Pharmacy.


10. The Use of Electrocardiogram Screening in Return to Play Decisions Post COVID-19 Infection: A CAT. Austin Taylor & Emily Gabriel, College of Health Professions.

11. The Difference in Attitudes Towards Injury Prevention Programs Based on Different Races. Jordan Bailey & Emily Gabriel, College of Health Professions.

12. Osteoporosis: Recognizing and Battling a “Silent Disease”. Marian Leach & Lisa Dickerson, College of Health Professions.


16. Treating the African American Woman Living with HIV. Kiesha Johnson, College of Health Professions.


27. The Impact of Speech Recognition Technology with Clinical Documentation. Felicia White & Awatef Ben Ramadan, College of Professional Advancement.
Ruschelle Leone, Ph.D., is a Research Assistant Professor in the Department of Health Policy & Behavioral Sciences within the School of Public Health at Georgia State University. She is also affiliated with the Center for Research on Interpersonal Violence.

The overarching aim of Dr. Leone’s research program is to inform and develop evidence-based intervention programming to reduce alcohol-related sexual and intimate partner aggression. She is particularly interested in identifying individual-level attitudes/beliefs (e.g., masculine norms, empathy) and situational-level factors (e.g., acute alcohol intoxication, peer norms) among emerging adults that (1) are associated with violence perpetration and (2) inhibit or facilitate bystander intervention in high-risk situations.

Additionally, Dr. Leone is interested in developing and evaluating prevention programs for alcohol/drug use and aggression. Dr. Leone’s research has been funded by the National Institute on Alcohol Abuse and Alcoholism, Department of Defense, and Substance Abuse and Mental Health Services Administration.

Specific to the 2022 Mercer Atlanta Research Conference, Dr. Leone will discuss her current research program, while also sharing personal experiences for students, regardless of discipline, who are interested in pursuing careers in research after they complete their degrees at Mercer.

Thank you Dr. Leone for addressing the 2022 Atlanta Research Conference!
Thank you to all of the presenters and volunteers who helped make this a great event. Thank you to Dr. Leone for taking time out of her schedule to give the keynote address today; to Jeff Waldrop, Vice Provost for the University Libraries, for his support of the annual Research Award; to College of Professional Advancement’s Dean Danheiser; and finally to the Senior Vice Provost for Research, Dr. Wayne Glasgow, for his support of this Conference!

I’d also like to extend a special thank you to several people who volunteered their time to review submissions and support the event in some capacity. This year’s conference planning committee included: Dr. Erin Lepp in the College of Health Professions, Dr. Nadar Moniri in the College of Pharmacy, Dr. Rob Helfenbein in the Tift College of Education, Florence Tang with the Swilley Library, Dr. Arnab Nayak with the Stetson-Hatcher School of Business; and Dr. Morgan Kiper Riechel, Dr. Dina Schwam, Dr. Merrin Oliver, Dr. Awtatef Ben Ramadan, Dr. Kevin Williams, Dr. Vik Baskaran, Dr. Zipa Vokhiwa, and Ming Hii, in the College of Professional Advancement.

Cameron A. Miller, Ph.D.
Chair, Department of Human Services and Psychology
College of Professional Advancement

Thank you for joining other students and faculty members from all of the colleges and schools on the Atlanta campus and Regional Academic Centers for the Mercer Atlanta Research Conference. Each of our faculty members strives to encourage scholarly development of our students that will prepare them for lives of meaning and for informed, ethical leadership in their chosen fields.

We believe that honing our students’ capacities for inquiry, critical thinking, analysis, synthesis, collaboration, and problem solving is critical to achievement of this outcome. To that end, we offer this conference to showcase these capacities, to provide a venue for the practice of these capacities, and to celebrate our students’ and our faculty’s scholarly work. I want to express my sincere appreciation to Dr. Cameron Miller, Chair of the Department of Human Services and Psychology and Associate Professor of Psychology, for his leadership of this conference.

Priscilla R. Danheiser, Ph.D.
Dean, College of Professional Advancement
AACC Building: 1st and 2nd Floor Plans with Room Numbers

AACC 1st Floor

Thank You for attending the 2022 Faculty and Student Research Conference!

AACC 2nd Floor

Note: Internal stairs do not connect 1st and 2nd floors; only the elevator and external stairs do.