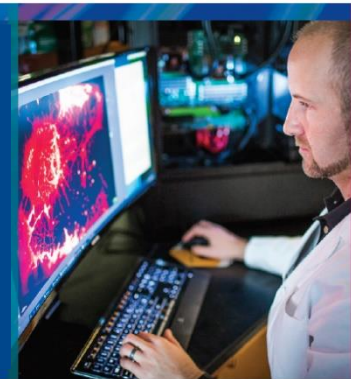




SOUTHEAST REGIONAL CLINICAL & TRANSLATIONAL SCIENCE CONFERENCE



February 28- March 1, 2024
Callaway Resort and Gardens

Wednesday, February 28

Time	Agenda Item/Topic	Speaker/Presenter
12:00 pm	Registration Opens <i>Boxed lunches available in Longleaf Pre-function.</i>	
General Session I Moderator: W. Robert Taylor, MD, PhD, Contact PI, Georgia CTSA Longleaf Ballroom ABCD		
1:00 pm	Welcome & Overview of Conference	
1:15 pm	Featured Talk: Robotically Steerable Guidewire for Endovascular Interventions	Jaydev P. Desai, FIEEE, FAIMBE, FASME G.P. "Bud" Peterson and Valerie H. Peterson Professor in Pediatric Research Carol Ann and David D. Flanagan Director, Georgia Center for Medical Robotics Associate Director, Institute for Robotics and Intelligent Machines Georgia Institute of Technology
1:45 pm	Featured Talk: Developing an AI (Artificial Intelligence)-Enabled Learning Health System for Patient Centered Care	Elizabeth Shenkman, PhD Chair of the Department and Professor Health Outcomes and Biomedical Informatics Co-Director, Clinical and Translational Science Institute (CTSI) University of Florida
2:15 pm	Estimating Clinical Severity of COVID- 19 in the United States Population from Predicted CD8+ T cell Epitope Diversity	Grace Jaeyoon Kim MD/PhD Student Louisiana Health Sciences Center – New Orleans
2:30 pm	Keynote: Collaborating to Advance Health Equity	Christine S. Lee, PharmD, PhD Acting Associate Commissioner for Minority Health Director of the Office of Minority Health and Health Equity U.S. Food and Drug Administration
3:30 – 3:45 pm	Break	
3:45– 5:00 pm	Poster Viewing & Judging I <i>Longleaf</i>	

General Session II Moderator: Orlando Gutierrez, MD, MD, MPI, UAB CCTS Longleaf Ballroom ABCD		
5:00 pm	Technology-Assisted Recovery from Intimate Partner Violence: Ethical and Practical Considerations Associated with Moral Injury and Coercive Control	Courtney Crooks, PhD Principal Research Scientist Georgia Tech Research Institute (GTRI) Sensors and Electromagnetic Applications Laboratory (SEAL) Georgia Institute of Technology Adjunct Assistant Professor Emory University School of Medicine
5:15 pm	Circulating Nucleosomes Contribute to Inflammation During Acute Lung Injury	Saugata Dutta, BPharm (Hons), MSc, MA PhD Student Graduate Research Assistant Clinical and Experimental Therapeutics College of Pharmacy University of Georgia
5:30 pm	Featured Talk: Blending Technology and Community Engagement to Support Genomic Screening in South Carolina: Insights from In Our DNA SC	Caitlin G. Allen, PhD, MPH Assistant Professor Department of Public Health Sciences Director, Outreach and Implementation Research, In Our DNA SC Medical University of South Carolina
6:00 – 6:30 pm	Networking Reception <i>Longleaf and Loblolly Pre-Functions</i>	
6:30 – 8:00 pm	Dinner Buffet <i>Loblolly Ballroom and Cypress Conference Room A & B</i>	
7:30 – 8:30 pm	Trainee Career Development: What I Wish I Knew as an Early Career Faculty Member <i>Sourwood Room 4+5</i> Moderator: Lillian T. Eby, PhD Distinguished Research Professor Department of Psychology University of Georgia Caitlin G. Allen, PhD, MPH Assistant Professor Department of Public Health Sciences Director, Outreach and Implementation Research, In Our DNA SC Medical University of South Carolina Brian Bauer, PhD Assistant Professor Department of Psychology University of Georgia Adam Dickey, PhD Department of Neurology Assistant Professor Emory University	

	<p>Laura Reid Marks, PhD Assistant Professor, Combined Counseling and School Psychology College of Education, Health, and Human Sciences Affiliate Faculty, Center for Translational Behavioral Science Florida State University</p> <p>Megan Urbanski, PhD, MSW Assistant Professor Division of Transplantation, Department of Surgery Emory University School of Medicine Emory Health Services Research Center</p> <p>Leanne Woods-Burnham, PhD Assistant Professor Department of Physiology Co-Director, Prostate Cancer Precision Prevention Program Morehouse School of Medicine</p>
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Thursday, February 29

Time	Agenda Item/Topic	Speaker/Presenter
7:30 – 8:30 am	Breakfast and Networking <i>Longleaf Pre-function</i>	
8:30 – 10:00 am	Concurrent Breakout Sessions <i>See below for specific information.</i>	

Concurrent Session I: Health Equity Moderator: Jing Wang, PhD, MPH, RN, FAAN, PI, FSU CTSA Longleaf Ballroom AB		
8:30 am	Featured Talk: From Science to Service: A Translational Approach to Cancer Research in US Firefighters. Evidence from the Firefighter Cancer Initiative	Natasha Schaefer Solle, PhD, RN Research Assistant Professor Sylvester Comprehensive Cancer Center University of Miami Miller School of Medicine
9:00 am	Race-Related Stress is Associated with Low Weight and Gestational Age at Birth in a Prospective Cohort Study of Black Pregnant Persons	Sydni Williams Medical Student / TL1 Trainee Emory University
9:15 am	The Road from Research into Health Care: Implementing a CVD Risk Assessment for Pregnant and Postpartum Women	Bridgette Schulman, PhD, RNC-OB, C-EFM, CPPS Clinical Outreach, State Maternal Health Innovation Program HOPE for Georgia Moms Northeast Georgia Medical Center
9:30 am	Emergency Contraception Access in Metropolitan and Non-Metropolitan Pharmacies: An In-Store Analysis of Stocking Practices in Georgia	Rebecca H. Stone, PharmD, BCPS, BCACP, FCCP Clinical Associate Professor Clinical and Administrative Pharmacy University of Georgia
9:45 am	The Benefit of Accessible Exercise on Health Outcomes for the Disability Community	Simran Prakash, BA Medical Student Miller School of Medicine University of Miami

Concurrent Session II: Drug Development and Discovery		
Moderator: Brad Phillips, PharmD, BCPS, FCCP, PI, Georgia CTSA		
Longleaf Ballroom CD		
8:30 am	Featured Talk: Igniting the SPARC of AI-enabled Drug Discovery	Jake Y. Chen, PhD, FACMI, FAIMBE, FAMIA Founding Director, Systems Pharmacology AI Research Center (SPARC) Professor of Genetics, Computer Science, and Biomedical Engineering Chief Bioinformatics Officer, The Informatics Institute Heersink School of Medicine University of Alabama at Birmingham
9:00 am	Flu Fighters:3D Printed Oral Dissolving Films (ODFs) for a Microparticle based Influenza Vaccine	Emmanuel Adediran, BPharm PhD Student Pharmaceutical Sciences College of Pharmacy, Atlanta Mercer University
9:15 am	Impact of Arginine (Arg) Therapy on Kyotorphin (KTP) in Children with Sickle Cell Disease (SCD) and Vasoocclusive Pain Episode (VOE)	Rawan Korman, MD Postdoctoral Fellow Department of Pediatrics Division of Emergency Medicine Childrens Healthcare of Atlanta Emory University
9:30 am	Pharmaceutical Suppression of MAP Kinase Activation After Spinal Cord Injury in Male Rats Reduces the Severity of Central Neuropathic Pain	Damien D. Pearse, PhD Professor The John M. and Jocelyn H.K. Watkins Distinguished Chair in Cell Therapies Miller School of Medicine University of Miami
9:45 am	3D printed Orally Dissolving Films (ODF) and Intranasal Drops as Pain-free Alternatives for Vaccinating Against the Zika Virus	Sarthak Shah, MS PhD Student College of Pharmacy Mercer University

Concurrent Session III: Health Services Research		
Moderator: Jennifer Croker, PhD, UAB CCTS		
Cypress Conference Room A & B		
8:30 am	Featured Talk: Utilizing Clinical and SDOH Data in the Electronic Medical Record to Inform Cardiometabolic Disease Prevention	Carrie Howell, PhD Assistant Professor, Department of Medicine Division of Preventive Medicine University of Alabama at Birmingham
9:00 am	Trends in the Administration of COVID-19 Vaccines with Other Vaccines in the United States Reported to V-safe	Casey Parker, MSN/MPH ORISE Fellow Immunization Safety Office Centers for Disease Control and Prevention
9:15 am	Physical and Mental Health of Individuals with Disabilities – Transportation as an Impediment	Hamida Jinnah, PhD Associate Research Faculty Director, Research and Evaluation Unit (REU) University of Georgia

9:30 am	Evaluation of Pediatric Concussion: Development of an Objective and Reliable Pediatric Oculomotor and Vestibular Tool	Jennifer Coto, PhD Assistant Professor, Department of Otolaryngology University of Miami Concussion Program University of Miami Miller School of Medicine
9:45 am	Identifying Sites for a Hospital-Based Intervention for Patients Experiencing Unexpected End-Stage Kidney Disease and Dialysis Start	Megan Urbanski, PhD, MSW Assistant Professor Division of Transplantation, Department of Surgery Emory University School of Medicine Emory Health Services Research Center

10:00 – 10:15 am	Break	
10:15 – 11:30 am	Poster Viewing & Judging II Longleaf E	
11:30 – 12:30 pm	Networking Lunch	

12:30 – 2:00 pm	Concurrent Breakout Sessions <i>See below for specific information.</i>	
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Concurrent Session IV: Cancer Moderator: Mendy Dunn, MSN, RN, UF CTSI Longleaf Ballroom AB		
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12:30 pm	Featured Talk: Medical Mistrust Among Underrepresented Communities	Vivian L. Carter, PhD, MHR Chair Psychology and Sociology U54 Community Engagement Core Lead RCMI Community Engagement Core Lead Tuskegee University
1:00 pm	Biomechanical Insights into Chemoresistance in Leukemia Cells via Pharmacological Induction at the Single-Cell Level	Mehdia Nadeem Rajab Ali, MBBS Graduate Research Assistant Wallace H. Coulter Department of Biomedical Engineering Sulchek BioMEMS & Biomechanics Lab Georgia Institute of Technology
1:15 pm	VIPR Antagonism Drives Metabolically-fit, Memory-Rich CAR T Cells for Pancreatic Cancer	Heather Lin MSTP Candidate Cancer Biology Graduate Program Emory University School of Medicine
1:30 pm	HER2 Expression in African American Men with Prostate Cancer	Leanne Woods-Burnham, PhD Assistant Professor Department of Physiology Co-Director, Prostate Cancer Precision Prevention Program Morehouse School of Medicine
1:45 pm	Obesity Attenuates CAR T Cell Function	Jessica Maaskant Master's Student Department of Hematology and Medical Oncology Emory University School of Medicine

Concurrent Session V: Maternal, Child, and Adolescent Health and Nutrition		
Moderator: Elizabeth Ofili, MD, MPH, PI, Georgia CTSA		
Longleaf Ballroom CD		
12:30 pm	Featured Talk: Supporting Pediatricians' Efforts to Promote Healthy Infant and Young Child Feeding Practices: The Healthy FIRST Project	Jean Welsh, PhD, MPH, RN Associate Professor Department of Pediatrics, School of Medicine Co-Director Graduate Studies, Laney Graduate School Research Director, Strong4Life, Children's Healthcare of Atlanta Emory University
1:00 pm	Health Outcomes and Risks of Intermittent Fasting in Adolescence	Mary Lazzaro Dietetic Intern Graduate Teaching Assistant Department of Nutritional Sciences University of Georgia
1:15 pm	Comparative Analysis of Maternal Nutrient Intakes and Recommended Nutrient Intakes in Rural and Urban Households in Ghana	Prince Kwabena Osei, MSc PhD Student/Graduate Teaching Assistant College of Family and Consumer Sciences Nutritional Sciences University of Georgia
1:30 pm	Testing Feasibility of a Responsive Infant Feeding Intervention	Jessica Bahorski, PhD, APRN Assistant Professor College of Nursing Florida State University
1:45 pm	Improving Diet Quality for Pregnant Women and Their Partners in Georgia: Project DINE and the Expanded Food and Nutrition Education Program (EFNEP) at the University of Georgia (UGA)	Sarah T Henes, PhD, RDN, LD Assistant Professor State Coordinator UGA EFNEP/Extension Nutrition Specialist University of Georgia

Concurrent Session VI: Mental Health		
Moderator: Henna Budhwani, PhD, MPH, FSU CTSA		
Cypress Conference Room A & B		
12:30 pm	Featured Talk: Using Persuasion Science for Suicide Prevention	Brian Bauer, PhD Assistant Professor Department of Psychology University of Georgia
1:00 pm	Monocyte Abundance and Glycolysis are Associated with Anhedonia in Depression	Mandakh Bekhbat, PhD Research Associate Behavioral Immunology Program Department of Psychiatry & Behavioral Sciences Emory University
1:15 pm	Brain-Based Biomarker of Treatment Recovery for Deep Brain Stimulation for Treatment-Resistant Depression	Sankaraleengam Alagapan, PhD Research Scientist II School of Electrical and Computer Engineering Georgia Institute of Technology

1:30 pm	Adverse Childhood Experiences, Mental Health, and Couple Relationship Quality: Relationship Maintenance Behaviors as an Interpersonal Resource	Evin Winkelman Richardson, PhD, CFLE Assistant Research Scientist Department of Human Development & Family Science University of Georgia
1:45 pm	Exploring the Effects of Structural Racism and COVID-19 on Maternal Health Outcomes	Brittney Newton, MPH Research Consultant Center for Maternal Health Equity Morehouse School of Medicine Pooja Kanyadan Research Assistant Center for Maternal Health Equity Morehouse School of Medicine

1:45 – 2:00 pm	Break
2:00 – 3:15 pm	Poster Viewing & Judging III Longleaf E

3:15 – 4:30 pm	Special Interest Sessions <i>See below for specific information.</i>
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Special Interest Session I: Innovation and Commercialization	
Longleaf Ballroom AB	
<p>Nakia Melecio, PhD Director of Center for MedTech Excellence Georgia Institute of Technology</p> <p>Suhrud Rajguru, PhD Professor, Biomedical Engineering & Otolaryngology Assistant Vice Provost for Research Workforce Development Director, CTSI Workforce Development Co-Director, Institute for Neural Engineering University of Miami</p> <p>Anita Rao, MS, MBA Program Director, UF Innovate Pathways University of Florida</p>	

Special Interest Session II: Representativeness in Clinical Trials	
Longleaf Ballroom CD	
<p>Moderator: Mugisha Niyibizi, MPH Sr. Research Administrative Coordinator Georgia Clinical and Translational Science Alliance (Georgia CTSA) Emory University</p> <p>Tracy N. Anderson, PhD Assistant Director Center for Family Research University of Georgia</p>	

Neal Dickert, MD, PhD

Associate Professor

Thomas R. Williams Professor of Medicine

Emory University School of Medicine, Division of Cardiology, ECCRI

Interim Director, Emory Health Services Research Center

Emory University Rollins School of Public Health, Department of Epidemiology

Emory Center for Ethics

Francisco J. Leyva, MD, PhD, ScM

Program Director, Initiatives & Consortium-Wide Activities Section

Clinical and Translational Science Awards Program Branch

Division of Clinical Innovation

National Center for Advancing Translational Sciences

Priscilla Pemu, MD MS, FACP

Professor and Vice Chair, Research

Department of Medicine

Associate Dean Clinical Research

Director, Clinical Research Center

Morehouse School of Medicine

Patricia Yates- Rand

Georgia - State Manager

Southeast Diabetes Faith Initiative Program

Community Advisory Board

Special Interest Session III: Scientific Communications Workshop – Your Pitch to their Priority*Luck favors the prepared. Join this experiential, interactive session and watch how your research interests can become their scientific commitment.***Cypress Conference Room A & B****Jennifer A. Croker, PhD**

Senior Administrative Director

Center for Clinical and Translational Science

University of Alabama at Birmingham

Christina Crowe, MA, MBA

Director of Communications

Department of Pathology

University of Alabama at Birmingham

4:30 pm

Networking timeDid you know your overnight stay includes complimentary admissions to the [Garden](#)? From golfing, biking, hiking, to relaxing at the spa, Callaway has something for everyone! Check out [what's happening](#) at Callaway to plan your trip*.**Excursions, rentals, etc. not covered by CTSA Sponsors*

6:30 pm

Networking Banquet and Awards Ceremony*Loblolly Ballroom*

Friday, March 1

Time	Agenda Item/Topic	Speaker/Presenter
General Session III Moderator: Robert Kimberly, MD, PI, UAB CCTS Longleaf Ballroom ABCD		
7:30 - 8:30 am	Breakfast and Networking <i>Longleaf Pre-function</i>	
8:30 am	Avoiding False Positive Volumetry: Correlating Brain Volumes with Clinical Phenotype Rather than Seizure Freedom	Adam S. Dickey, MD, PhD Assistant Professor, Division of Epilepsy Department of Neurology Emory University
8:45am	The Translational Research Service Quality Framework: An Application of the Donabedian Framework for Quality Improvement	Yulia A. Levites, PhD, MBA Assistant Professor, Health Services Research College of Public Health and Health Professions Director of Educational Development & Evaluation Clinical and Translational Science Institute University of Florida
9:00 am	Assessing the Reliability of a Novel Method for Measuring Ankle AROM	Jake Irwin, PT, DPT Orthopedic Certified Specialist Clinical Associate Professor Byrdine F. Lewis College of Nursing & Health Professions Department of Physical Therapy Georgia State University
9:15 am	Featured Talk: The Role of Diverse Populations in the Era of Precision Medicine	Rick Kittles, PhD Senior Vice President for Research Professor of Community Health and Preventive Medicine Morehouse School of Medicine
9:45 – 10:00 am	Break	

General Session IV Moderator: Andrés Garcia, PhD, PI, Georgia CTSA Longleaf Ballroom ABCD		
10:00 am	Selective Ablation or Inhibition of Transglutaminase 2 After SCI Significantly Improves Outcome Following Experimental Spinal Cord Injury	Mousumi Ghosh, PhD Research Associate Professor Miller School of Medicine Department of Neurological Surgery University of Miami
10:15 am	Featured Talk: Nutrient-Microbiome Interactions in Host Gut-Brain Health	Ravinder Nagpal, MS, PhD Assistant Professor Health, Nutrition, and Food Sciences Florida State University
10:45 am	PLAC8 Deletion Increases Ulcerative Colitis Disease Severity in a Murine Model	Denise Fahey, BSc Graduate Student College of Veterinary Medicine University of Georgia

11:00 am	Featured Talk: mRNA-Delivery to the Respiratory Tract – Opening the Door to New Therapies	Phillip Santangelo, PhD Jan and John Portman Professor of Biomedical Engineering Wallace H. Coulter Department of Biomedical Engineering Emory University and Georgia Tech
11:30 am	Featured Talk: Scaling Up Digital Health Interventions to Address the HIV Prevention and Care Continuum	Lisa Hightow-Weidman, MD, MPH Distinguished and Endowed McKenzie Professor Associate Dean for Research Founding Director, Institute on Digital Health and Innovation College of Nursing Florida State University
12:00 pm	Oral Abstract Awards Ceremony and Closing	

Subject to change 2/19/2024

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