



# SOUTHEAST REGIONAL CLINICAL & TRANSLATIONAL SCIENCE CONFERENCE



March 1-3, 2023  
Callaway Resort and Gardens

## Wednesday, March 1

Time	Agenda Item/Topic	Speaker/Presenter
12:00 pm	<b>Registration Opens</b> <i>Boxed lunches available in Longleaf Pre-function.</i>	
<b>General Session I</b> <b>Moderator: W. Robert Taylor, MD, PhD, Contact PI, Georgia CTSA</b> <b>Longleaf Ballroom ABCD</b>		
1:00 pm	<b>Welcome &amp; Overview of Conference</b>	
1:15 pm	<b>Featured Talk:</b> An Obstetrician's Perspective on our Maternal Health Crisis	<b>Denise J. Jamieson, MD, MPH</b> James Robert McCord Professor & Chair Department of Gynecology and Obstetrics Emory University School of Medicine
1:45 pm	<b>Featured Talk:</b> Translational Challenges in the Implementation of an Enterprise-Wide Precision Medicine Initiative	<b>Leslie Andrew Lenert, MD, MS, FACP, FACMI</b> Distinguished Professor of Internal Medicine and Smart State Chair, Healthcare Quality Associate Vice President for Data Science and Informatics Medical University of South Carolina Vice President and Chief Medical Officer, Health Sciences South Carolina
2:15 pm	<b>Featured Talk:</b> Loco-regional Brain Cancer Immunotherapy	<b>Costas D. Arvanitis, BSc, MSc, PhD</b> Associate Professor George W. Woodruff School of Mechanical Engineering Georgia Institute of Technology
2:45 pm	<b>Keynote:</b> Divining the Features of 21st Century Medicine	<b>Michael G. Kurilla, MD, PhD</b> Director Division of Clinical Innovation National Center for Advancing Translational Sciences National Institutes of Health
3:30 – 4:45 pm	<b>Poster Viewing &amp; Judging</b> <i>Longleaf E</i>	

<b>General Session II</b>		
<b>Moderator: Brad Phillips, PharmD, BCPS, FCCP, PI, Georgia CTSA</b>		
<b>Longleaf Ballroom ABCD</b>		
4:50 pm	Tribute to Ralph L. Sacco, MD, MS, FAHA, FAAN	<b>Olveen Carrasquillo, MD, MPH</b> Professor of Medicine and Public Health Sciences Associate Dean for Clinical and Translational Research Co-Director of the Clinical and Translational Science Institute University of Miami Miller School of Medicine
5:00 pm	Competency-Based Assessment for Training Translational Scientists	<b>Wayne T. McCormack, PhD</b> Distinguished Teaching Scholar and Professor Department of Pathology, Immunology and Laboratory Medicine University of Florida College of Medicine
5:15 pm	Next-Generation Microbiome Genetic Engineering Technology for Sustained Levodopa Delivery for Parkinson's Disease	<b>Piyush Padhi</b> PhD Student College of Veterinary Medicine University of Georgia
5:30 pm	<b>Featured Talk:</b> Treatment of Hypertension in Pregnancy... More Questions than Answers	<b>Alan Tita, MD, PhD</b> Mary Heersink Endowed Chair, Director and Dean of Global Health Professor, Obstetrics and Gynecology, Maternal and Fetal Medicine Senior Vice Chair for Research and Innovation, Obstetrics and Gynecology Scholar, Center for Clinical and Translational Science (CTS), General Clinical Research Center Senior Scientist, Center for Women's Reproductive Health, Obstetrics and Gynecology University of Alabama at Birmingham
6:00 – 6:30 pm	<b>Networking Reception</b> <i>Longleaf and Loblolly Pre-Functions</i>	
6:30 – 8:00 pm	<b>Dinner Buffet</b> <i>Loblolly Ballroom</i>	
7:30 – 8:30 pm	<p><b>Trainee Career Development Panel: Pulling Back the Curtain on Grant Funding</b> <i>Cypress Conference Room A &amp; B</i></p> <p><b>Moderator: Kathy Griendling, PhD</b>, R. Wayne Alexander Professor of Medicine; Vice Chair for Research; Executive Associate Dean for Faculty Affairs and Professional Development, Emory University</p> <p><b>Panelists:</b> <b>Sun Joo (Grace) Ahn, PhD</b>, Associate Professor, Grady College of Journalism and Mass Communication, University of Georgia; Director, Games and Virtual Environments Lab</p> <p><b>Tammy Loucks, DrPH, MPH</b>, Associate Professor, Academic Affairs Faculty, Obstetrics and Gynecology; Science Development Officer, South Carolina Clinical and Translational Research (SCTR) Institute, Medical University of South Carolina</p>	

	<p><b>Jeffery Lennox, MD</b>, Professor, Division of Infectious Diseases; Associate Dean, Clinical Research, Emory University; Vice Chair of Medicine, Emory @ Grady; Director, Quality &amp; Efficiency and Trial Innovation Centers, Georgia CTSA</p> <p><b>Joan D. Nagel, MD, MPH</b>, Medical Officer/Program Director, Division of Clinical Innovation Initiatives and Consortium-Wide Activities Section, CTSA Program Branch, National Center for Advancing Translational Sciences (NCATS), National Institutes of Health, DHHS</p>
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## Thursday, March 2

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

<p><b>Concurrent Session I: Health Equity</b>  <b>Moderator: Elizabeth A Shenkman, PhD, CO-PI, UF CTSI</b>  <b>Longleaf Ballroom AB</b></p>		
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8:30 am	<p><b>Featured Talk:</b> Health Disparities Translated to Health Equity Opportunities</p>	<p><b>Tiffany Danielle Chisholm Pineda</b>  Clinical and Translational Science Institute  Assistant Director, Clinical Research IDEA  Chair, CTSI Diversity and Cultural Competence Council  University of Florida</p>
9:00 am	<p>Access to Liver Transplant Referral and Evaluation for HCC Patients in Georgia</p>	<p><b>Katie Ross-Driscoll, PhD, MPH</b>  Assistant Professor  Division of Transplantation, Department of Surgery  Emory University School of Medicine</p>
9:15 am	<p>Geographic Accessibility to Contraceptives and the Potential Impact of Pharmacist Prescribing: Comparing Georgia Counties with Majority Non-white versus Majority White Demographics</p>	<p><b>Gelina M. Sani, BS</b>  PharmD Candidate  College of Pharmacy  University of Georgia</p>
9:30 am	<p>Relationship between Childhood Trauma Exposure and Black Identity in Adulthood</p>	<p><b>Keziah M. Daniels, BSc</b>  MD/MSCR Candidate  Emory University School of Medicine</p>
9:45 am	<p>Feasibility of Using a Smartphone-Based Application for Monitoring of Patient Outcomes to Avoid Preventable Delays in Healthcare During the Postpartum Period</p>	<p><b>Banafsheh Bonnie Shoai, MD PGY-3</b>  Resident  Department of Obstetrics and Gynecology  Morehouse School of Medicine</p>

<b>Concurrent Session II: Cancer</b> <b>Moderator: Duane Mitchell, MD, PhD, PI, UF CTSI</b> <b>Cypress Conference Room A &amp; B</b>		
8:30 am	<b>Featured Talk:</b> Engineered Lymph Node Drug Delivery and Disease Modeling Technologies Enable Next-Generation Approaches in Cancer Immunotherapy	<b>Susan Napier Thomas, PhD</b> Associate Professor Mechanical Engineering Parker H. Petit Institute of Bioengineering and Bioscience Georgia Institute of Technology
9:00 am	Effect of Patient and Caregiver Distress on Referral to a Palliative Care Clinic in Pediatric Oncology	<b>Jonathan Ebelhar, MD</b> Integrated Pediatric Hematology/Oncology and Palliative Care Fellow MSCR Candidate Emory University
9:15 am	Association of Air Pollution with Breast Cancer Risk in UK Biobank	<b>Carmen Smotherman, MS</b> Graduate Student College of Public Health and Health Professions and College of Medicine University of Florida
9:30 am	The Combination of Mild Energy Restriction and Physical Activity Reduces Tumor-Infiltrating Myeloid Derived Suppressor Cells Expressing PD-L1 and IDO and Enhances T Cell IFN-Gamma Production in a Murine Model of Breast Cancer	<b>Connie Rogers, PhD, MPH</b> Professor and Head Nutritional Sciences University of Georgia
9:45 am	Metabolomics and Lipidomics in Biomarker Translation	<b>Timothy J. Garrett, PhD</b> Associate Professor College of Medicine University of Florida

<b>Concurrent Session III: COVID-19</b> <b>Moderator: Henry Blumberg, MD, PI, Georgia CTSA</b> <b>Longleaf Ballroom CD</b>		
8:30 am	<b>Featured Talk:</b> COVID -19 Clinical Trials with CTSI Miami	<b>Dushyantha T. Jayaweera MD, MRCOG (UK), FACP</b> Professor of Medicine Division of Infectious Diseases University of Miami
9:00 am	A COVID-19 Vaccine Right Under Our Nose: Intranasal Drops to Immunize Against SARS-Cov-2	<b>Smital Rajan Patil</b> PhD Candidate in Pharmaceutical Sciences Center for Drug Delivery Research Vaccine Nanotechnology Laboratory College of Pharmacy Mercer University
9:15 am	Longitudinal Surveillance of SARS-CoV-2 (SARS) IgG Antibodies in Pediatric Healthcare Workers (HCW)	<b>Dunia Hatabah, MD</b> Postdoctoral Fellow School of Medicine Emory University
9:30 am	Structural Racism and COVID-19 Vaccination in the State of Georgia	<b>Biplav Tiwari, BPH</b> Graduate Research Assistant College of Public Health Department of Health Policy and Management University of Georgia

9:45 am	COVID-19 in Rhesus Macaques Produces Behavioral, Cognitive, and Neurological Characteristics Similar to Clinical Symptoms of Post-Acute Sequelae of SARS-Cov-2 Infection (PASC)	<b>Jessica Raper, PhD</b> Researcher Emory National Primate Research Center
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10:00 – 10:15 am	Break	
10:15 - 11:45 am	<b>Poster Viewing &amp; Judging</b> Longleaf E	
11:45 – 1:00 pm	<b>Networking Lunch</b>	

1:00 – 2:30 pm	<b>Concurrent Breakout Sessions</b> <i>See below for specific information.</i>	
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<b>Concurrent Session IV: Infectious Disease</b> <b>Moderator: Robert Kimberly, MD, PI, UAB CCTS</b> <b>Longleaf Ballroom AB</b>		
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1:00 pm	<b>Featured Talk:</b> Implementation of Florida’s Infectious Disease Elimination Act (IDEA): Translating Research Evidence into Policy and Program Implementation	<b>Edward Suarez, Jr. PsyD, LMHC, MBA</b> Research Assistant Professor Behavioral Health Director, IDEA Exchange Syringe Services Program Attending Psychologist, Center for Behavioral Medicine - Jackson Behavioral Health Hospital Department of Psychiatry and Behavioral Sciences University of Miami Miller School of Medicine
1:30 pm	Experimental Microparticle-Based Intranasal Gonorrhea Vaccine Induces Immune Response in Mice	<b>Priyal Bagwe, BPharm</b> PhD Candidate College of Pharmacy Mercer University
1:45 pm	The Role of Long Noncoding RNA Lncenc1 in Endothelium Barrier Integrity During Bacterial Pneumonia	<b>Yin Zhu</b> PhD Student College of Pharmacy University of Georgia
2:00 pm	Changing Antibiotic Resistance Patterns and Spatial Landscape for Pediatric Community-Onset <i>Staphylococcus Aureus</i> Infections in Georgia	<b>Xiting Lin, BS</b> MD/PhD Student Morehouse School of Medicine
2:15 pm	Potential of Quick Dissolving Pain-free Microneedles for Preventing the Zika Virus	<b>Sarthak Shah, MS</b> PhD Student Mercer University College of Pharmacy

<b>Concurrent Session V: Mental Health</b> <b>Moderator: Olveen Carrasquillo, MD, MPH, MPI, UM CTSI</b> <b>Cypress Conference Room A &amp; B</b>		
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1:00 pm	<b>Featured Talk:</b> Sleep Across the OC Spectrum: A Multi-Modal Investigation Linking Self-Report and Behavioral Sleep Indices to Hoarding and OCD Symptoms	<b>Hannah Broos, MS</b> Doctoral Student Department of Psychology University of Miami
1:30 pm	Building Biobehavioral Goal Directed Resilience Among African American Women	<b>Sharon Rachel, MA, MPH</b> Principal Faculty Department of Physician Assistant Studies Morehouse School of Medicine Director, Project GRIT

1:45 pm	Implementation of the Mental Health Co-responder Model in Rural Georgia	<b>Caleb Snead</b> Student College of Public Health University of Georgia
2:00 pm	The Role of Diet on the Gut Microbiome, Mood, and Happiness	<b>Sydney E Martin</b> Undergraduate Student College of Arts and Sciences Emory University
2:15 pm	Exploring the Role of Social Support and Systemic Chronic Inflammation in the Association between Maltreatment and Depression in Adulthood	<b>Jay O'Shields, MSW</b> PhD Student & Graduate Research Assistant School of Social Work University of Georgia

<b>Concurrent Session VI: Community Engagement</b> <b>Moderator: Elizabeth Ofili, MD, MPH, PI, Georgia CTSA</b> <b>Longleaf Ballroom CD</b>		
1:00 pm	<b>Featured Talk:</b> Researcher-Practitioner Partnership for Community-Engaged Research: Sustaining Research Impact	<b>Y. Joon Choi, PhD, MSW, MA</b> Professor & Director School of Social Work Georgia State University
1:30 pm	"My Health in My Hands": Using Community Led Research to Assess a Psychoeducational Video on Medication Abortion	<b>Leslie Serrano BA</b> MPH Candidate Behavioral, Social and Health Education Sciences Rollins School of Public Health Emory University
1:45 pm	Enrolling Older Adults in Research: Community Engaged Results	<b>Catherine Woodstock Striley, PhD, MSW, MPE</b> Associate Professor, Epidemiology Deputy Director, HealthStreet Director, Certificate in Psychiatric Epidemiology program Department of Epidemiology College of Public Health and Health Professions College of Medicine University of Florida
2:00 pm	Evaluating a Technology-Based Community Health Information Equity Forum (Chief) to Combat Misinformation: A Usability Study	<b>Muhammed Y. Idris, PhD</b> Assistant Professor Morehouse School of Medicine
2:15 pm	Community Engagement Through Cooperative Extension: A Statewide Needs Assessment Reveals Emerging Adults and Rural Georgians in Greatest Need	<b>Alison (Ali) C. Berg, PhD, RDN, LD</b> Associate Professor and Extension Nutrition and Health Specialist Department of Nutritional Sciences College of Family and Consumer Sciences University of Georgia
2:30	<b>Break</b>	

3:00 – 4:30 pm

**Special Interest Sessions**

*See below for specific information.*

**Special Interest Session I: The Science of Translational Science**

**Longleaf Ballroom AB**

**Michael G. Kurilla, MD, PhD**, Director, Division of Clinical Innovation, National Center for Advancing Translational Sciences, National Institutes of Health

**Special Interest Session II: AI Health**

**Longleaf Ballroom CD**

**Panelists:**

**Sun Joo (Grace) Ahn, PhD**, Associate Professor, Grady College of Journalism and Mass Communication, University of Georgia; Director, Games and Virtual Environments Lab

**William Hogan, MD, MS**, Professor, Department of Health Outcomes and Policy; Director of Biomedical Informatics, Clinical and Translational Science Institute, University of Florida

**Leslie Andrew Lenert, MD, MS, FACP, FACMI**, Distinguished Professor of Internal Medicine and Smart State Chair, Healthcare Quality; Associate Vice President for Data Science and Informatics, Medical University of South Carolina; Vice President and Chief Medical Officer, Health Sciences South Carolina

**Anant Madabhushi, PhD, FAIMBE, FIEEE, FNAI**, Professor, Wallace H. Coulter Departments of Biomedical Engineering, Radiology and Imaging Sciences, Biomedical Informatics (BMI) and Pathology and Laboratory Medicine, Emory University and Georgia Institute of Technology; Research Health Scientist, Atlanta Veterans Administration Medical Center

**Special Interest Session III: Maternal Health**

**Cypress Conference Room A & B**

**Panelists:**

**Sheree Boulet, DrPH**, Assistant Professor, Division of Research, Department of Gynecology and Obstetrics, Emory University School of Medicine

**Matthew J. Gurka, PhD**, Professor and Vice Chair, Health Outcomes and Translational Research, Department of Pediatrics; Director, Pediatric Research Hub (PoRCH); Affiliate Professor, Department of Obstetrics and Gynecology; Affiliate Professor, Department of Biostatistics, University of Florida

**Carol Wagner, MD**, Professor, College of Medicine, Department of Pediatrics, Medical University of South Carolina

**Special Interest Session V: Biostatistics, Epidemiology, and Research Design (BERD)**

**Bayberry A & B**

**John Hanfelt, PhD**, Professor, Department of Biostatistics and Bioinformatics, Rollins School of Medicine; Director, Biostatistics, Epidemiology, & Research Design, Emory University

**Special Interest Session VI: Community Physicians Network**

**Bayberry C & D**

**Priscilla Pemu, MD**, Professor of Clinical Medicine; Associate Dean for Clinical Research; Director of the Clinical Research Center; Vice Chair for Research, Department of Medicine, Morehouse School of Medicine

4:30 pm	<p><b>Networking time</b></p> <p>Did you know your overnight stay includes complimentary admissions to the <a href="#">Garden</a>? From golfing, biking, hiking, to relaxing at the spa, Callaway has something for everyone! Check out <a href="#">what's happening</a> at Callaway in February to plan your trip*.</p> <p style="text-align: right;"><i>*Excursions, rentals, etc. not covered by CTSA Sponsors</i></p>
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6:30 pm	<p><b>Networking Banquet and Awards Ceremony</b></p> <p><i>Loblolly Ballroom</i></p>
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## Friday, March 3

Time	Agenda Item/Topic	Speaker/Presenter
<p><b>General Session III</b>  <b>Moderator: Andrés Garcia, PhD, PI, Georgia CTSA</b>  <b>Longleaf Ballroom ABCD</b></p>		
7:30 - 8:30 am	<p><b>Breakfast and Networking</b>  <i>Longleaf Pre-function</i></p>	
8:30 am	Using Innovation Contests to Increase Employee Voice: A Field Experiment in Community Health Centers	<p><b>Oliva Jung, PhD</b>  Assistant professor  Health Policy and Management  Rollins School of Public Health  Emory University</p>
8:45am	IL-36γ is a Master Regulator of a Pro-Inflammatory Cytokine Network Involving IFNγ, TNFα, and IL-12 in Experimental Chronic Colitis	<p><b>Maya Maarouf</b>  Graduate Student  Institute for Biomedical Sciences  Georgia State University</p>
9:00 am	Engineering Approaches for Enhancing VEGF-C Therapies in Lymphedema	<p><b>Eleftheria Michalaki, PhD</b>  Postdoctoral Fellow  Laboratory of Lymphatic Biology and Bioengineering, Dixon Lab  George W. Woodruff School of Mechanical Engineering  Georgia Institute of Technology</p>
9:15 am	<b>Featured Talk:</b> The Patient's Voice in Doctor-Patient Communication: Topic Modeling and Lessons from Health 360x Coaching Intervention	<p><b>Priscilla Pemu, MD, MSCR, FACP</b>  Professor of Clinical Medicine  Associate Dean for Clinical Research  Director of the Clinical Research Center  Vice Chair for Research, Department of Medicine  Morehouse School of Medicine</p>
9:45 – 10:00 am	<b>Break</b>	
10:00 am	High-Resolution Ensemble Prediction: Percentage of Children with Blood Lead Levels ≥5μg/dL and 2-5μg/dL in the Metro Atlanta Region	<p><b>Carmen Dickinson-Copeland, PhD, MSCR</b>  Assistant Professor  Department of Microbiology, Biochemistry, and Immunology  Morehouse School of Medicine</p>
10:15 am	Feasibility of Telehealth for Medical-Dental Integration	<p><b>Hope Bussenius, DNP, FNP-BC, FAANP</b>  Professor  College of Nursing  Augusta University</p>

10:30 am	Handgrip Strength as an Aging Biomarker Associated with Cardiovascular Risk in Chronic Kidney Disease	<b>Jinhee Jeong, PhD</b> Instructor Department of Medicine, Nephrology Emory University School of Medicine
10:45 am	Triciribine, an Akt Inhibitor, Attenuates Pathological Retinal Neovascularization and Vasculature Remodeling in a Mouse Model of Ischemic Retinopathy	<b>Shengshuai Shan, MD, PhD</b> Postdoctoral Research Associate College of Pharmacy University of Georgia
11:00 am	<b>Featured Talk:</b> Interpreter of Maladies: Implications of Machine Learning for Precision Medicine	<b>Anant Madabhushi, PhD, FAIMBE, FIEEE, FNAI</b> Professor Wallace H. Coulter Department of Biomedical Engineering, Radiology and Imaging Sciences, Biomedical Informatics (BMI) and Pathology Emory University and Georgia Institute of Technology Research Health Scientist Atlanta Veterans Administration Medical Center
11:30 am	<b>Featured Talk:</b> Changes in Energy Balance Alter the Tumor Microenvironment in a Model of Triple Negative Breast Cancer	<b>Connie J. Rogers, PhD, MPH</b> Professor and Head Department of Nutritional Sciences University of Georgia
12:00 pm	<b>Oral Abstract Awards Ceremony and Closing</b>	

*Subject to change 2/22/2023*

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