



Pediatric Research in the Digital Age: Innovation, Collaboration and Translation

13th Annual Southeastern Pediatric Research Conference

June 7, 2024

7:00 – 8:00	Registration and Continental Breakfast
8:00 – 8:05	Opening Remarks by Co-Chairs
	<p>S. Lynn Gardner, MD, MBA, FAAP Associate Professor and Chair Director, Pediatric Residency Program Department of Pediatrics Morehouse School of Medicine</p> <p>Vivien Sheehan, MD, PhD Pediatric Hematologist/Oncologist Aflac Cancer & Blood Disorders Center Children’s Healthcare of Atlanta Associate Professor of Pediatrics Emory University School of Medicine Director of Translational SCD Research</p> <p>W. Hong Yeo, PhD Associate Professor and Woodruff Faculty Fellow of Mechanical Engineering and Biomedical Engineering Director, Tech Semiconductor Electronics Center Georgia Institute of Technology</p>
8:05 – 8:15	Welcome from Leadership
	<p>Lucky Jain, MD, MBA George W. Brumley, Jr. Professor and Chair Department of Pediatrics Emory University School of Medicine Chief Academic Officer, Children’s Healthcare of Atlanta</p>
8:15 – 8:25	Research Update
	<p>Kristy Murray, DVM, PhD Executive Vice Chair for Research and Professor, Department of Pediatrics, Emory University Chief Research Officer, Children’s Healthcare of Atlanta</p>

8:25 – 9:05	“Soft Medical Wearables for Pediatric Care”
	<p>John Rogers, PhD, SM Louis Simpson and Kimberly Querrey Professor of Materials Science and Engineering, Biomedical Engineering and Neurological Surgery (and by courtesy Electrical and Computer Engineering, Mechanical Engineering, Chemistry and Dermatology) Director of the Querrey Simpson Institute for Bioelectronics Departments of Materials Science and Engineering and Biomedical Engineering and Medicine McCormick School of Engineering Northwestern University</p>
9:05 – 9:35	“Immunophenotyping Pediatric Lung Diseases”
	<p>Ben Kopp, MD, MPH Associate Professor of Pediatrics Division of Pulmonology, Asthma, Cystic Fibrosis and Sleep (PACS) Co-Director, Center for Cystic Fibrosis and Airways Disease Research (CF-AIR) Co-Director, Pediatric Residency Investigative Scholars at Emory (PRISE) Director, Pulmonary Sickle Cell Program and Pulmonary & Sleep Physician Research Children's Healthcare of Atlanta Emory University School of Medicine</p>
9:35 – 10:15	Rapid-Fire Presentations
10:15 – 11:00	Break & Poster Session 1
11:00 – 11:30	“Gene Addition and Gene Editing Approaches as Transformative Therapies for Sickle Cell Disease”
	<p>Elizabeth Stenger, MD Assistant Professor Division of Hematology/Oncology/BMT - Bone Marrow Department of Pediatrics Emory University School of Medicine Medical Director, Cellular Therapy Laboratory Co-director, Sickle Cell Disease Curative Therapies Program Children's Healthcare of Atlanta</p>
11:30 – 11:45	“My Gene Therapy Journey”
	<p>Victoria Gray Patient Advocate and International Speaker</p>
11:45 - 1:00	Lunch and Networking
1:00 – 1:05	Afternoon Welcome
	<p>Clint Joiner, MD, PhD Aflac Children’s Chair for Hematology Director, Section of Hematology Aflac Cancer and Blood Disorders Center Professor of Pediatrics Emory University School of Medicine</p>
1:05 – 1:45	“In Vivo mRNA Delivery”
	<p>James Dahlman, PhD McCamish Foundation Early Career Professor</p>

	<p>Department of Biomedical Engineering Georgia Institute of Technology Emory University</p>
1:45 – 2:25	Rapid-Fire Presentations
2:25 – 3:10	Break & Poster Session 2
3:10 – 3:50	“AI in Healthcare: Ensuring Actionable Insights and Equitable Implementation”
	<p>Yates Coley, PhD Associate Investigator Kaiser Permanente Washington Health Research Institute Affiliate Assistant Investigator in the Department of Biostatistics University of Washington</p>
3:50 – 4:20	“Health Equity Tracker”
	<p>Maisha Standifer, PhD, MPH Director, Health Policy Morehouse School of Medicine</p>
4:20 – 4:25	Presentation of Poster Awards
4:25 – 4:30	Closing Remarks
4:30 – 5:00	Reception with Door Prize Drawing at 4:45 PM