

3rd Annual Seattle Children's and Microsoft SIDS Research Summit – September 5-6th, 2019

Welcome to the Summit! Thank you for your participation and for traveling here to be a part of this shared learning and collaboration. Our hope is that this two-day summit will accelerate everyone's efforts to solve the mystery of SIDS.

Day One: Thursday, September 5th		
9:00-9:30	Breakfast	
9:30-10:00	Introduction and Key Announcements	John Kahan, Chief Data Analytics Officer, Microsoft President of Aaron Matthew SIDS Research Guild at Seattle Children's Hospital
10:00-10:30	Challenges and Opportunities in SIDS Research: Lessons Learned from the Microsoft- Seattle Children's Collaboration	Jan-Marino (Nino) Ramirez PhD, Seattle Children's Research Institute, Center of Integrative Brain Research
Session 1: SIDS/SUID Data Acquisition (Session Chair: Chelsea Pagan)		
10:30-11:00	Tightening up the Categories: Recommendations from the 3 rd International Congress on Unexplained Deaths in Infants and Children	Richard Goldstein MD, Boston Children's Hospital
11:00-11:20	Break: Coffee, Tea, and Snacks	
11:20-12:00	US Sudden Unexpected Infant Death, CDC's Case Registry and Classification Algorithm	Sharyn Parks Brown PhD and Carri Cottengim, CDC
12:00-12:30	The State of Infant Death Investigation in Washington State: Is the Answer a State Medical Examiner?	Carl Wigren MD, Wigren Forensic PLLC
Session 2: Pathology (Session Chair: Nino Ramirez)		
12:30-1:00	Biomarkers of SIDS: Identifying Risk and Understanding Mechanism (Remote)	Robin Haynes PhD, Boston Children's Hospital
1:00-2:15	Lunch	
Session 3: Epidemiology I (Session Chair: Tatiana Anderson)		
2:15-2:45	Understanding the Weekday Effect of SIDS and SUID	Juan Lavista, Data Science Director, Microsoft
2:45-3:15	SUID and Time of Death	Kelty Allen PhD, Microsoft
3:15-3:45	Geographic Variation in Sudden Unexpected Infant Death in the United States	Richard Johnston PhD, Microsoft
3:45-4:00	Break: Coffee, Tea, and Snacks	
4:00-4:30	Prenatal Care and Infant Mortality in the US	Urszula Chajewska PhD, Microsoft
4:30-5:00	Factors Associated with Late-Term Stillbirth in the United States	Sushama Murthy, Microsoft
5:00-5:30	Day 1 Wrap-up and Discussion	John Kahan and Nino Ramirez
5:30-6:00	Travel to Dinner	
6:00-9:00	Hosted Dinner at El Gaucho, Bellevue by Nino Ramirez and John Kahan 450 108th Avenue Northeast, Bellevue, WA 98004; (425) 455-2715; https://elgaucho.com/dine/bellevue/	

This summit is hosted by Dr. Nino Ramirez, Director of the Center of Integrative Brain Research, Seattle Children's and John Kahan, Chief Data Analytics Officer, Microsoft and President of Aaron Matthew SIDS Research Guild of Seattle Children's.

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Day Two: Friday, September 6th		
8:30-9:00	Breakfast	
Session 4: Epidemiology II: Sudden Unexpected Postnatal Collapse (Session Chair: Juan Lavista)		
9:00-9:30	Balancing Skin to Skin Care, Sudden Unexpected Postnatal Collapse and Infant Falls: Results of a State-Wide Hospital Survey	Michael Goodstein MD, York Hospital
9:30-10:00	Sudden Unexpected Postnatal Collapse (SUPC): A Multi Center Quality Safety Initiative	Joseph Hageman MD, University of Chicago
Session 5: Genetics (Session Chair: Nicholas Becker)		
10:00-10:05	Data and Insights that Led to the Genomics Database	Juan Lavista, Data Science Director, Microsoft
10:05-10:20	SIDS Genetic Database: Lessons Learned from Year One	Chelsea Pagan PhD, Seattle Children's
10:20-10:50	Applied Data Science in Cloud Based Genomics	Erdal Cosgun PhD and Tracy Ard, Microsoft
10:50-11:05	Break: Coffee, Tea, and Snacks	
11:05-11:35	Genetics and Prenatal Risk in Pediatric Disorders	Kimberly Aldinger PhD, Seattle Children's
11:35-12:05	Preliminary Findings from Whole Genome Sequencing	Erdal Cosgun PhD, Microsoft
12:05-12:30	DNAexus: Enabling Precision Medicine, Discovery, and Collaboration	Pamella Tater, DNAexus
12:30-2:00	Lunch at Microsoft Museum	
Session 6: Parental Education (Session Chair: Kelty Allen)		
2:00-2:30	To Power AI Monitoring Capabilities in the Future	Nicholas Becker and Ria Sankar, Microsoft; Rachel Moon MD, University of Virginia School of Medicine
2:30-2:45	Baby Be Well: Android App Promoting Safe Sleep	Sushama Murthy, Microsoft; Barbara Ostfeld PhD and Thomas Hegyi MD, Rutgers Medical School
2:45-3:15	The Association of Maternal Education and Sleep Behaviors	Rachel Moon MD, University of Virginia School of Medicine
3:15-3:30	Break: Coffee, Tea, and Snacks	
3:30-4:00	Maternal Reports of Nighttime Infant Feeding Location, Feeding Type, and Falling Asleep While Feeding	Fern Hauck MD, University of Virginia School of Medicine
4:00-4:30	Online Social Networks and Infant Care Practices: Can Facebook Make Infants Safer?	Rebecca Carlin MD, Children's Health Center Hospital
Session 7: Integrative Approach (Session Chair: Sumit Mukherjee)		
4:30-5:00	ASI Tissue Consortium and Safe Sleep Calculator	Betty McEntire PhD, CEO American SIDS Institute
5:00-5:30	ASI Small Grants Program, Research Projects, and NIH Prematurity Study	Carl Hunt MD, Director for American SIDS Institute
	Closing Remarks	

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