

4th Seattle Children's and Microsoft SIDS Research Summit – February 11-12, 2021

Day One: Thursday, February 11th		
10:00-10:20	Welcome to the SIDS Summit! Introduction and Overview	John Kahan, Vice President and Chief Data Analytics Officer, Microsoft, USA and Jan-Marino (Nino) Ramirez, PhD, Center Director at Seattle Children's Research Institute, USA
Session 1: Pathology		
10:20-10:40	Hippocampal Abnormalities and Seizures: a 16-years Single Center Review of Sudden Unexpected Death in Childhood, Sudden Unexpected Death in Epilepsy and SIDS.	Marta Cohen, MD, Sheffield Children's, UK
10:40-11:00	Dysregulation of Platelet Serotonin and Platelet 14-3-3-Related Biomarkers in Sudden Infant Death Syndrome	Andrew L. "Larry" Frelinger III, PhD, Boston Children's Hospital, USA
Session 2: Epidemiology		
11:00-11:20	Sudden Unexpected Postnatal Collapse Resulting in Newborn Death in the United States	Juan Lavista, MSC, Microsoft, USA
11:20-11:40	Racial Disparities in Breastfeeding Continuation: Identification of Mediating Factors	Fern Hauck, MD, MS, University of Virginia, USA
11:40-12:00	Circadian Variation in Sudden Unexpected Infant Death in the United States	Kelty Allen, PhD, Microsoft, USA
12:00-12:20	Explaining Sudden Unexpected Infant Death, 2011-2017	Sharyn Parks Brown, PhD, Centers for Disease Control and Prevention, USA
12:20-12:40	Economic Social Determinants of Health, and Surface Sharing among CDC's Sudden Unexpected Infant Death Case Registry Cases	Alexa Erck, MPH, DB Consulting Group, CDC Contractor, USA
12:40-13:00	Maternal and Birth Outcomes in Washington State: A Case Study	Shahrazad Gholami, PhD, Microsoft, USA
Session 3: Genetics		
13:00-13:10	Vision for Seattle Children's-Microsoft Genomics Database	John Kahan, Microsoft, and Nino Ramirez, PhD, Seattle Children's Research Institute, USA
13:10-13:40	Genomics Database: Pipeline, Current Research, and Future Steps	Erdal Cosgun, PhD, Microsoft Genomics, USA and James Hibbard, Seattle Children's Research Institute, USA
13:40-14:00	Report on Robert's Program Genetics Research	Richard Goldstein, MD, Boston Children's Hospital, USA
14:00-14:30	Genetics Discussion Session	Moderated by Nino Ramirez, PhD, and Kimberly Aldinger, PhD, Seattle Children's Research Institute, USA

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

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Day Two: Friday, February 12th		
Session 4: Promoting Safe Infant Care Awareness		
9:00-9:20	Reducing SIDS and SUID: Cultural Implications for Parenting Practices for Infants; Unsafe and Safe Practices	Shereen Hamadneh, PhD, AABU University, Jordan
9:20-9:40	How Immersive, Motivating Experiences and Pervasive Gaming can be useful to Support Safe Sleep Behaviours. An Italian Case Study.	Allegra Bonomi, Seeds for SIDS, Italy
9:40-10:00	Improving Engagement with Professionals in Families at High Risk of SIDS	Joanna Garstang, PhD, Warwick Medical School, UK
10:00-10:20	A High School Student Ambassador Program to Raise Knowledge of Safe Sleep in High-Risk Communities	Barbara Ostfeld, PhD, Rutgers Robert Wood Johnson Medical School, USA
10:20-10:40	From Reactive to Proactive. Established in 1961, Northwest Infant Survival and SIDS Alliance Continues to Create a Lasting Impact on the Lives of Northwest Infants and their Families.	Liz Montgomery, Northwest Infant Survival & SIDS Alliance, USA
10:40-11:00	Support via Online Social Networks to Promote Safe Infant Care Practices Toward Reducing Racial Disparities in Infant Mortality (SUPERSONIC)	Rachel Moon, MD, University of Virginia, USA
11:00-11:20	A Quality Improvement Safety Initiative for the Prevention of Sudden Unexpected Postnatal Collapse (SUPC): Current updates and Early Outcomes	Joseph Hageman, MD, University of Chicago, USA
11:20-11:40	Addressing Implicit Bias and the Impact on Safe Sleep	Alison Jacobson, First Candle, USA
Session 5: Physiology		
11:40-12:00	Using an Infant's Inherent Reflexes to Support Breathing and Blood Pressure	Ronald Harper, PhD, UCLA, USA
12:00-12:20	Intra-uterine Hypoxia and the Dual Effects of Neuroinflammation on Risk Factors for SIDS	James Leiter, PhD, White River Junction VAMC, USA
12:20-12:40	Is Infection the basis of SIDS and Sudden Intrauterine Unexpected Death Syndrome (SIUDS)?”	Paul Goldwater, MD, Adelaide Medical School, Australia
12:40-13:00	SIDS Brain Research in Sydney, Australia- Cell Death, Inflammation, Protein Regulation and Morphology	Rita Machaalani, PhD, University of Sydney, Australia

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