

Friday, April 8, 2022 – Pediatric Neurocritical Care Symposium: From Field to Follow-up

St. Louis Children's Hospital & Washington University School of Medicine

Thursday, April 7th 5:30-8:00PM – Free gathering for *Chamber Music Project STL* at the Missouri History Museum, 5700 Lindell Blvd, St. Louis, MO for music, light appetizers & drinks

7:45 CST	Pre-meeting session: PNCRG peer mentoring	
8:45	Welcome, introduction and overview of the conference	<i>Kristin Williams, MD & Réjean Guerriero, DO, Pediatric Critical Care and Neurology, WUSM & SLCH</i>
9:00	Role of Guidelines	<i>Alexis Topjian, MD, Pediatric Critical Care, Children's Hospital of Philadelphia</i>
9:45	Acute stroke management	<i>Taryn Surtees, MD, Neurocritical Care fellow, WUSM & SLCH</i>
10:00 – Break		
10:15	Status Epilepticus in Neonatal and Pediatric patients	<i>Courtney Wusthoff, MD, Pediatric Neurology, Lucile Packard Children's Hospital Stanford</i>
10:45	Clinical Application of Quantitative EEG in the ICU	<i>Giulia Benedetti, MD, Pediatric Neurology, Seattle Children's</i>
11:15	A Novel Quantitative EEG Index for Bedside Detection of Cerebral Ischemia: A Case Control Pilot Study	<i>Mauro Caffarelli, MD, Critical Care Fellow, UCSF Pediatric Critical Care Medicine</i>
11:30	Machine Learning with Multimodal Data	<i>Matt Luchette, MD, Critical Care Fellow, Boston Children's Hospital</i>
11:45 – Lunch		
12:45	Neurocritical Care in Low- and Middle-Income Countries	<i>Edwin Trevathan MD, MPH, Vanderbilt Institute for Global Health and Pediatric Neurology, Vanderbilt University Medical Center</i>
1:30	Global Neuromonitoring Panel <i>Moderator: Mark Wainwright, MD, PhD, Division Chief, Pediatric Neurology, Seattle Children's Hospital</i> <i>Brian Appavu, MD, Pediatric Neurology, Phoenix Children's Hospital, Phoenix, AZ</i> <i>Paula Caporal, MD, Pediatric Critical Care, Sister Maria Ludovica Children's Hospital, La Plata, Argentina</i> <i>Juan David Roa Giraldo, MD, Pediatric Neurology, Fundación Universitaria de Ciencias de la Salud, Bogotá, Colombia</i> <i>Edwin Trevathan, MD, MPH, Director, Vanderbilt Institute for Global Health, Nashville, TN</i> <i>Rishi Ganesan, MD, Pediatric Critical Care, Children's Hospital- London Health Sciences Centre, London, Ontario</i> <i>Fatima Yousif Mohamed Reda Ismail, MD, Pediatric Neurology, UAE</i>	
2:25 – Break		
2:30	Building International Bridges in Neurooncology	<i>Margaret Shatara, MD, Pediatric Neurooncology, WUSM & SLCH</i>
3:00	Surgery and Acute NeuroOncological Care	<i>David Limbrick, MD, PhD, Chief, Division of Pediatric Neurosurgery, WUSM & SLCH</i>
3:30 - Break		
3:45	Salt and Water Management for the Brain	<i>Tara Neumayr, MD, Pediatric Critical Care and Nephrology, WUSM & SLCH</i>
4:15	Assessing PICU Outcomes	<i>Ashley Turner, MD, Critical Care Fellow, WUSM & SLCH</i>
4:30	Pediatric Neurocritical Care: Foundations and Frontiers	<i>Kristin Williams, MD, Pediatric Critical Care and Neurology, WUSM & SLCH</i>
5:15	Wrap-up and Concluding Remarks	<i>Réjean Guerriero, DO</i>