



10:00 am **Welcome and Introduction** (Dr. Sandra Juul – IHDD Director; Dr. Mark Harniss – UCEDD Director)

10:15 am **Lightning Talks** (order for 5-minute talks)

<p>Imaging Findings in Adolescents with Neurologic Subtype of Post-Acute Sequelae of COVID-19 <i>Tejaswi Durga Sudhakar, BA – IHDD IDDRC Patel Lab</i></p>
<p>Effects of the COVID-19 Pandemic Lockdowns on Teenagers: Anatomy and Resting-State Activity of a Stressed-Out Brain <i>Neva Corrigan, PhD - IHDD IDDRC I-LABS</i></p>
<p>MRI Neurodegenerative Markers in Adult Down Syndrome <i>Yeilim Cho, MD - IHDD IDDRC UW Medicine Memory & Brain Wellness Center</i></p>
<p>Auditory Processing in Autism: Decoding of Speech Envelope in Noise in Pediatric EEG Data <i>Bonnie Lau, PhD - IHDD IDDRC Laboratory for Auditory Neuroscience and Development Lab</i></p>
<p>A New Paradigm to Concurrently Record Mismatch Responses and Complex Auditory Brainstem Responses to Speech Sounds <i>Zoe Cheng, PhD - IHDD IDDRC I-LABS Lab for Early Auditory Perception</i></p>
<p>Comparison of Speech and Music Input in North American Infants' Home Environment Over the First Two Years of Life <i>Christina Zhao, PhD - IHDD IDDRC I-LABS Lab for Early Auditory Perception</i></p>
<p>Development of Sensitivity to Acoustic Modulation in Infants Who Use Cochlear Implants <i>David Horn, MD, MS - IHDD IDDRC Prosthetic Auditory Development Lab</i></p>
<p>Birth Outcome Measures Associated with Prenatal Delta-9-Tetrahydrocannabinol Dose Quantified Cannabis Exposure <i>Natalia Kleinhans, PhD - IHDD IDDRC Kleinhans Lab</i></p>
<p>Tales from the Ferret Lab <i>Tommy Wood, BM, BCh, PhD - IHDD IDDRC Animal Behavior Core</i></p>
<p>Omics Analysis Support Offered by the IHDD Genetics Core <i>Theo Bammler, PhD - IHDD IDDRC Genetics Core</i></p>
<p>Using Data Science to Evaluate Treatment Effects on an Animal Model of Peri-Natal Brain Injury <i>Ariel Rokem, PhD - IHDD IDDRC Brain Imaging Core</i></p>
<p>Darbe and IV Iron to Improve Outcomes in Preterm Neonates <i>Kendell German, MD - IHDD IDDRC Neonatal Neuroscience Lab</i></p>
<p>Challenging Behaviors in Children with Autism and/or Down Syndrome <i>Hannah Rea, PhD - IHDD IDDRC RABLab</i></p>
<p>Complete Chromosome 21 Centromere Sequences from a Down Syndrome Family Reveal Size Asymmetry and Differences in Kinetochore Attachment. <i>F. Kumara Mastroso, PhD - IHDD IDDRC Eichler Lab</i></p>
<p>UW PKU Program – A History of Public Health, Research, and Clinical Partnership <i>Beth Ogata, MS, RDN – IHDD UCEDD UW PKU Program</i></p>
<p>Parenting in ADHD and Regulation of Emotion <i>Julia Mattson, MD, PhD – IHDD UCEDD Pediatrics</i></p>
<p>Internet Safety: Understanding the Needs of Autistic Adults and Adults with Intellectual and Developmental Disabilities (ASD/IDD) Regarding Safe Internet Use <i>Anthony Osuna, PhD - IHDD UCEDD AIR-P Seattle Children's Alyssa Burnett Adult Life Center</i></p>
<p>Families Moving Forward Bridges: An Early Intervention Model for Infants and Toddlers with Prenatal Alcohol Exposure and Their Caregivers <i>Tracy Jirikowic, PhD – IHDD IDDRC UCEDD Fetal Alcohol Syndrome Diagnostic and Prevention Network</i></p>

12:00 pm **Lunch & Networking**