



## Waisman Center Day with the Experts: Cerebral Palsy

Learn about the latest advances in cerebral palsy research and clinical services and hear from a panel of experts—individuals with cerebral palsy and family members.

**Saturday, October 12, 2024 | 9:00 a.m. - 11:30 a.m.**  
*(Complimentary coffee & bagels at 8:30 a.m.)*

**9:00 - 9:05 a.m.**

**Welcome**

*Melissa Villegas, MD, Director, Cerebral Palsy Clinic, Waisman Center  
Assistant Professor, Department of Pediatrics and Rehab Medicine*

**9:05 - 9:35 a.m.**

**TOPIC: Overview of Hip Dysplasia, Scoliosis, and Planovalgus vs. Equinovarus Feet**

*Yushane (Celestine) Shih, MD, Assistant Professor, Department of Orthopedics & Rehabilitation*

**9:35 - 10:05 a.m.**

**Advancing Pediatric Care: Innovations for Cerebral Palsy at the Pediatric Neuromodulation Laboratory**

*Kellie Collins, PT, DPT, PCS, Pediatric Neuromodulation Lab*

The Pediatric Neuromodulation Laboratory at the University of Wisconsin is pioneering research aimed at improving outcomes for children with early brain injury and cerebral palsy (CP). Our work focuses on neuromodulation, a technique that can assess and alter nerve activity through targeted delivery of stimuli to specific areas of the brain or nervous system. This presentation will provide an overview of our ongoing studies, emphasizing how these techniques can enhance motor function and quality of life in children with CP. We will discuss the lab's current research initiatives, including an innovative study that uses remote technology to deliver and monitor neuromodulation therapies directly in patients' homes. Additionally, future directions in our research will be explored, with a focus on how these developments may reshape pediatric care for children with CP. This talk is designed to be accessible to families, clinicians, and anyone interested in the future of CP treatment and research.

**10:10 - 10:55 a.m.**

**PANEL DISCUSSION**—A panel of experts that includes individuals with CP and family members

**11:00 - 11:30 a.m.**

**Boosting Bright Minds: Improving Executive Functions in Children with Cerebral Palsy Through Rehabilitation**

*Melisa Carrasco McCaul, MD, PhD, Assistant Professor, Department of Neurology*

Please register at <https://www.waisman.wisc.edu/event/experts-cerebral-palsy-fall-2024/>

John D. Wiley Conference Center | 1500 Highland Avenue | Madison, WI | Free admission and parking  
**EVERYONE WELCOME**

For additional details, call 608.263.5837 or email [palumbo@waisman.wisc.edu](mailto:palumbo@waisman.wisc.edu)