



# MERED PARNES, MD

PEDIATRIC NEUROLOGIST

## CONTACT

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## SPECIALTY

Child Neurology

## SUBSPECIALTY

Pediatric Movement Disorders

## ACADEMIC POSITIONS

- Associate Professor of Child Neurology
- Director, Pediatric Movement Disorders

## AFFILIATIONS

Texas Children's Hospital & Baylor College of Medicine, Houston TX  
2010 to Present

## BOARD CERTIFIED

American Board of Psychiatry and Neurology (ABPN)

## PROFESSIONAL OVERVIEW

Board-certified pediatric neurologist with over 15 years of clinical and academic experience, with subspecialty training in pediatric movement disorders.

## EXPERT WITNESS/CONSULTING EXPERIENCE

Active medical-legal consultant providing expert review and testimony. To date, retained in multiple cases (approximately 75% defense), including ongoing engagements involving deposition and trial testimony.

## EXPERTISE INCLUDES

Perinatal brain injury • Cerebral Palsy • Traumatic brain injury  
Pediatric movement disorders • Hypoxic-ischemic encephalopathy (HIE)  
Kernicterus • Spasticity • Dystonia • Ataxia

## RECENT NATIONAL AND INTERNATIONAL LECTURES

- Tics, Tremors, and Other Movement Disorders. American Academy of Pediatrics National Conference & Exhibition, New Orleans, Oct 25 - 29, 2019.
- Break the Spell: Differentiating Seizures and Their Mimickers. American Academy of Pediatrics Virtual National Conference & Exhibition, October 2-5, 2020.
- Management of Tic Disorders in Children. American Academy of Pediatrics National Conference & Exhibition, Anaheim, Oct 7 - 11, 2022.
- Case-Based Pediatric Movement Disorders in the Americas. 5th Pan American Parkinson's Disease and Movement Disorders Congress, International Parkinson and Movement Disorder Society, Cartagena, Colombia. February 9, 2024.
- Phenomenology of Chorea in Children. MDS-PAS Overview of Pediatric Movement Disorders, International Parkinson and Movement Disorder Society, Online Course. May 30, 2024.
- Genetic Chorea with Onset in Childhood. MDS-PAS Overview of Pediatric Movement Disorders, International Parkinson and Movement Disorder Society, Online Course. May 30, 2024.

## FUNDED RESEARCH TRIALS

- PTC-AADC-MA-406: An International, Real-World, Observational Registry of the Natural History of Subjects Diagnosed with Aromatic L-Amino Acid Decarboxylase (AADC) Deficiency
- NBI-98854-DCP3018: A Phase 3, Randomized, Double-Blind, Placebo Controlled Study to Assess the Efficacy, Safety, and Tolerability of Valbenazine for the Treatment of Dyskinesia Due to Cerebral Palsy
- EBS-101-TD-301: A Multicenter, Double-Blind, Placebo-Controlled, Randomized Withdrawal Study to Evaluate the Safety and Maintenance of

## EDUCATION

### UNDERGRADUATE

Lehigh University,  
Bethlehem PA – May 2001  
Bachelor of Arts,  
Premedical Science (BA/MD  
Scholars Program)

### MEDICAL EDUCATION

Drexel University College  
of Medicine, Philadelphia  
PA – May 2008  
Doctor of Medicine

### PEDIATRICS RESIDENCY

SUNY Downstate Medical  
Center, Brooklyn NY  
July 2008 - June 2010

### NEURODEVELOPMENTAL DISABILITIES RESIDENCY

Baylor College of Medicine,  
Houston TX  
July 2010 - June 2014

### MOVEMENT DISORDERS FELLOWSHIP

Baylor College of Medicine,  
Houston TX  
July 2014 - August 2015

Efficacy of Ecopipam in Children, Adolescents and Adults with Tourette's Disorder

- PTC-AADC-GT-002: An Open-Label Trial to Address the Safety of the Smartflow® MR-Compatible Ventricular Cannula for Administering Eladocagene Exuparvovec to Pediatric Subjects
- ORPH-131-005: Natural History of Wilson Disease Registry
- WTX101-301: Efficacy and Safety of ALXN1840 (Formerly WTX101) Administered for 48 Weeks Versus Standard of Care in Patients with Wilson Disease with an Extension Period of up to 60 Months
- A multi-site feasibility clinical trial of Retraining and Control Therapy (ReACT), a mind and body treatment for pediatric functional seizures
- Investigation of NGLY1 Deficiency Movement Disorder & Clinical Features

## SELECTED PEER-REVIEWED PUBLICATIONS

- Tics and TikTok: functional tics spread through social media. *Mov Disord Clin Pract.* 2021 Jul 1;8(8):1248-1252.
- Highlighting the dystonic phenotype related to GNAO1. *Mov Disord.* 2022 Jul;37(7):1547-1554.
- Brain monoamine vesicular transport disease due to homozygous SLC18A2 variants: a study of 40 affected individuals. *Genet Med.* 2023 Jan;25(1):90-102.
- Botulinum neurotoxin injections in children with self-injurious behaviors. *Toxins.* 2023;15(236):1-11.
- Gain- and loss-of-function variants in GRIA3 lead to distinct neurodevelopmental phenotypes. *Brain.* 2024 May 3;147(5):1837-1855.
- Diagnostic Criteria for Primary Tic Disorders: Time for Reappraisal. *Movement Disorders.* 2024 Aug;39(8):1276-1281.
- Opsoclonus in Alternating Hemiplegia of Childhood Secondary to ATP1A3 p.Gly803Arg. *Mov Disord Clin Pract.* 2025 Jan;12(1):97-99.
- Botulinum Toxin for the Treatment of Motor Tics in Children: a Case Series. *Journal of Child Neurology.* In press.

## NATIONAL AND INTERNATIONAL SCHOLARLY ACTIVITIES

- Task Force on Tic Disorders, International Parkinson and Movement Disorder Society, 6/2022 – present
- Steering Committee, Pediatric Movement Disorders Special Interest Group, International Parkinson and Movement Disorder Society, 9/2021 – present
- Tic Disorders and Tourette Syndrome Study Group, International Parkinson and Movement Disorder Society, 9/2021 – present
- Functional Movement Disorder Study Group, International Parkinson and Movement Disorder Society, 9/2024 – present
- Dystonia Study Group, International Parkinson and Movement Disorder Society, 2/2025 – present
- Tremor Study Group, International Parkinson and Movement Disorder Society, 2/2025 – present
- Founding Member, Functional Neurological Disorder Society
- Director, Tourette Association of America Center of Excellence at Texas Children's Pediatric Movement Disorders Clinic