

PROGRAM BROCHURE



Learning Objectives

The 2025 CNS Program Brochure

The CNS Scientific Program is designed for all people interested in childhood-onset neurological and neurodevelopmental conditions, including those interested in clinical care, research advances, and leadership opportunities in this field.

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Minnesota Medical Association (MMA) and is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Minnesota Medical Association designates this live activity for a maximum of 27.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



Program Overview

All meetings/sessions are at the Charlotte Convention Center.

Dates/Times/Titles Subject to Change

Room location information will be listed in the event app.

Pre-registration events require attendees to sign up in advance during registration but do not have an additional cost.

Ticketed events require selection during registration and include an additional fee.

Wednesday, October 8

8:00 AM -10:00 AM	Kenneth F. Swaiman Opening Address and Awards
8:00 AM -3:00 PM	Program Coordinators of Child Neurology (PCCN) Annual Educational Conference
8:00 AM -4:15 PM	Association of Child Neurology Nurses (ACNN) Annual Conference
8:30 AM -5:30 PM	John M. “Jack” Pellock Resident Seminar on Epilepsy (Pre-registration required.)
10:30 AM -11:30 AM	Workshop 1: Applying a Health Equity Lens to Pediatric Neurology Research (Pre-registration required.)
10:30 AM -11:30 AM	Workshop 2: Botulinum Toxin and Peripheral Nerve Blocks for Headaches (Pre-registration required.)
10:30 AM -11:30 AM	Workshop 3: The Neurological Exam en Español (Pre-registration required.)
10:30 AM -11:30 AM	Workshop 4: Practical Management of Complex Hypertonicity (Pre-registration required.)
10:30 AM -11:30 AM	Workshop 5: Active Game Design to Energize Neurology Education (Pre-registration required.)
11:45 AM -1:45 PM	Symposium I: Child Neurology Foundation: Improving Care for the Neurology Community Through Collaboration (Ticketed event.)
11:45 AM -1:45 PM	Industry-Sponsored Session
2:00 PM -6:00 PM	Child Neurology/NDD Educators Symposium: Teach, Mentor, and Inspire: A Symposium for the Child Neurology Educator
2:00 PM -7:30 PM	Exhibits and Poster Review
3:00 PM -4:00 PM	Workshop 6: Humanism Workshop: Maintaining Humanism During Stressful Times (Pre-registration required.)
3:00 PM -4:00 PM	Workshop 7: Discovering Mentors: Early Career Leadership Guidance (Pre-registration required.)
3:00 PM -4:00 PM	Workshop 8: Discovering Mentors: Mid to Senior Career Leadership Guidance (Pre-registration required.)
3:00 PM -4:20 PM	Junior Member/Early Career Lobby Talks
6:00 PM -7:30 PM	Welcome Reception
8:00 PM -10:00 PM	Movement Disorders Video Rounds

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

Program Overview

Continued

Thursday, October 9

6:30 AM - 7:30 AM	Sunrise Exchange - Industry CME Symposium
7:00 AM - 8:00 AM	Junior Member/Early Career Lobby Talks
8:15 AM - 9:00 AM	<i>Annals of the Child Neurology Society (ACNS) Oversight Meeting</i>
8:00AM - 10:15 AM	Symposium II: CNS Presidential Symposium: Translating Research into the Clinic: A New Age in Neurogenetics
8:00AM - 3:45 PM	Association of Child Neurology Nurses (ACNN) Annual Conference
8:00 AM - 3:00 PM	Program Coordinators of Child Neurology (PCCN) Annual Educational Conference
10:30 AM - 11:00 AM	Martha Bridge Denckla Award Lecture: Stewart Mostofsky, MD
11:15 AM - 12:15 PM	SIG Meetings
11:15 AM - 1:15 PM	Industry-Sponsored Sessions
11:30 AM - 7:00 PM	Exhibits and Poster Review
12:30 PM - 1:45 PM	Guided Abstract Tour 1
2:00 PM - 3:15 PM	Seminar 1: The Practice of Child Neurology, 2025 Updates
2:00 PM - 3:15 PM	Seminar 2: Updates in Pediatric Multiple Sclerosis
2:00 PM - 3:15 PM	Seminar 3: Science and Care Models for Lifespan Transitions in Developmental Disorders
3:30 PM - 4:45 PM	Seminar 4: Evidence-Based Guidelines for Continuous EEG in the Neonate
3:30 PM - 4:45 PM	Seminar 5: Telehealth in the Post-pandemic Era: Opportunities and Challenges
3:30 PM - 4:45 PM	Seminar 6: The Changing Landscape of Autism Spectrum Disorder
5:00 PM - 6:30 PM	Wine and Cheese Reception
5:30 PM - 6:00 PM	CNS Annual Business Meeting
5:30 PM - 7:00 PM	Guided Abstract Tour 2
6:30 PM - 7:30 PM	Industry-Sponsored Sessions

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Program Overview

Continued

Friday, October 10

6:30 AM - 7:30 AM	Sunrise Exchange - Industry CME Symposium
7:00 AM - 8:00 AM	Junior Member/Early Career Lobby Talks
8:00 AM - 8:30 AM	Philip R. Dodge Young Investigator Award Lecture: TBA
8:00 AM - 3:00 PM	Program Coordinators of Child Neurology (PCCN) Annual Educational Conference
8:30 AM - 9:15 AM	Bernard Sachs Award Lecture: Brenda Banwell, MD, FRCPC, FAAN
9:30 AM - 10:45 AM	Seminar 7: Optimizing NeuroICU Care: Treating Patients Rather Than Seizures
9:30 AM - 10:45 AM	Seminar 8: The Evolution of Migraine Disease from Childhood to Young Adult
9:30 AM - 10:45 AM	Seminar 9: Games Neurologists Play: AI for Enhanced Diagnosis in Neurology
11:00 AM - 1:00 PM	Industry-Sponsored Sessions
11:30 AM - 12:30 PM	SIG Meetings
11:30 AM - 12:30 PM	Junior Member/Early Career Lobby Talks
1:00 PM - 2:15 PM	Seminar 10: Intraventricular Hemorrhage in Neonates: Advancing Understanding
1:00 PM - 2:15 PM	Seminar 11: Addressing Neurological Complications of Oncologic Treatment
1:00 PM - 2:15 PM	Seminar 12: NINDS 75th Anniversary: Clinical Innovation Through Science
1:00 PM - 4:00 PM	CNS Clinical Research Annual Workshop: Presenting your Data (Pre-registration required.)
2:30 PM - 4:15 PM	Platform Sessions 1
2:30 PM - 4:15 PM	Platform Session 2
2:30 PM - 4:15 PM	Platform Session 3
4:30 PM - 6:00 PM	Junior Member/Early Career Forum and Panel Discussions
4:30 PM - 6:30 PM	Industry-Sponsored Sessions
6:00 PM - 7:00 PM	SIG Meetings
7:00 PM - 9:00 PM	Closing Gala

Saturday, October 11

7:00 AM - 8:00 AM	Junior Member/Early Career Lobby Talks
8:00 AM - 8:45 AM	Hower Award Lecture: Andrea Gropman, MD, FAAP, FACMG, FANA, FAAN, FCNS
9:00 AM - 12:00 PM	Symposium III: Year in Review
12:30 PM - 4:30 PM	CNS Genetics Summit: Demystifying Next-generation Sequencing: A Hands-On Workshop for Pediatric Neurologists (Ticketed event; Lunch Included.)

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Content Types and Format

Enhance your Annual Meeting experience with our content types. Sessions are categorized into a specific track, allowing you to dive deep into your areas of interest. Choose from Clinical Practice, Research Advances, or Leadership and Career Development to tailor your learning journey.

Our sessions are offered in two formats, each designed to support different styles of learning. Seminars follow a didactic or panel format, featuring expert-led structured content. Workshops use a discussion-based format, where experts guide small-group conversations to encourage active participation and collaborative learning.

Clinical Practice

Explore data-driven summaries on the latest approaches to diagnosing and managing pediatric neurologic conditions. Learn about the strength of the supporting data and gain insights through illustrative case discussions.

Workshop 2: Botulinum Toxin and Peripheral Nerve Blocks for Headaches

Workshop 4: Practical Management of Complex Hypertonicity

Seminar 1: The Practice of Child Neurology, 2025 Updates

Seminar 2: Updates in Pediatric Multiple Sclerosis

Seminar 4: Evidence-Based Guidelines for Continuous-EEG in the Neonate

Seminar 5: Telehealth in the Post-pandemic Era: Opportunities and Challenges

Seminar 6: The Changing Landscape of Autism Spectrum Disorder

Seminar 7: Optimizing NeuroICU Care: Treating Patients Rather Than Seizures

Seminar 8: The Evolution of Migraine Disease from Childhood to Young Adult

Seminar 10: Intraventricular Hemorrhage in Neonates: Advancing Understanding

Seminar 11: Addressing Neurological Complications of Oncologic Treatment

Research Advances

Delve into the latest cutting-edge research and discover how these advancements might transform pediatric neurologic care. Topics span basic science, translational neuroscience, clinical research, and public health research, with a focus on future applications in the field.

Workshop 1: Applying a Health Equity Lens to Pediatric Neurology Research

Seminar 3: Science & Care Models for Lifespan Transitions in Developmental Disorders

Seminar 9: Games Neurologists Play: AI for Enhanced Diagnosis in Neurology

Seminar 12: NINDS 75th Anniversary: Clinical Innovation Through Science

Leadership and Career Development

Engage in discussions about leadership opportunities, career development, and diverse career paths tailored to various career stages and practice types and receive valuable guidance to advance your professional journey.

Workshop 3: The Neurological Exam *en Español*

Workshop 5: Active Game Design to Energize Neurology Education

Workshop 6: Humanism Workshop: Maintaining Humanism During Stressful Times

Workshop 7: Discovering Mentors: Early Career Leadership Guidance

Workshop 8: Discovering Mentors: Mid to Senior Career Leadership Guidance

8:30 AM - 5:30 PM

John M. "Jack" Pellock Resident Seminar on Epilepsy

(Pre-registration is required.)

Eligible applicants are residents who are CNS Junior Members in their final year of a child neurology (PGY5), or neurodevelopmental disorders (PGY6) training program.

10:30 AM - 11:30 AM

Workshop 1: Applying a Health Equity Lens to Pediatric Neurology Research

(Pre-registration required.)

RESEARCH ADVANCES

DESCRIPTION

Health disparities are increasingly important considerations in clinical practice and public health initiatives, yet they remain underrecognized in research design, analysis, and dissemination. The purpose of this workshop is to provide an overview of conducting responsible and respectful research for diverse populations and offer tools and strategies to apply an equity-focused lens to clinical and translational research methodologies in pediatric neurology. The session will include rotating small group sessions with a panel of child neurology clinician-scientists on various aspects of health equity research, including integrating health equity and social determinants of health into study design, recruitment, data analysis and interpretation, and navigating current challenges in health equity research.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Describe the importance of conducting responsible and respectful research for diverse populations.
- Acquire tools and strategies for incorporating health equity into clinical research design.

LEARNER OUTCOMES

This educational session helped me identify changes I could make in my practice related to:

- Incorporating concepts of health equity into my research.
- Recruiting diverse populations into clinical research.

ORGANIZER

Jennifer Yang, MD
UC San Diego

SPEAKERS AND FACILITATORS

Jennifer Yang, MD
UC San Diego

Jordan Janae Cole, MD
University of Colorado Anschutz School of Medicine
Children's Hospital Colorado

Senyene Hunter, MD, PhD
UNC-Chapel Hill

Laura Kirkpatrick, MD
University of Pittsburgh

Temitayo Oyegbile-Chidi MD, PhD, FAAN, FAES, FANA
University of California Davis

Marisela Dy-Hollins, MD
Boston Children's Hospital

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10:30 AM - 11:30 AM

Workshop 2: Botulinum Toxin and Peripheral Nerve Blocks for Headaches

(Pre-registration required.)

CLINICAL PRACTICE

DESCRIPTION

Procedural and non-pharmacological headache medicine are growing areas of modern headache treatment. This introductory hands-on workshop will acquaint participants with interventional headache medicine with onabotulinumtoxinA (BoNT-A) and occipital and trigeminal nerve block injections. The workshop will cover the evidence, indications, and rationale behind use of these procedures in adolescents and young adults. Facilitators will demonstrate protocols, injection sites, and injection techniques. Participants will have the opportunity to practice portions of the BoNT-A and nerve block injections under the guidance of a facilitator, a headache specialist, with the opportunity for individualized instruction and feedback.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Explain the indications and rationale for the use of onabotulinumtoxinA (BoNT-A) and peripheral nerve block injections for headache treatment.
- Demonstrate how to perform BoNT-A and nerve block injections on a mannequin head model.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Counseling patients regarding the risks and benefits of procedural options for headache management.
- Expanding knowledge on procedural options for headache management for my patients.

ORGANIZER

M. Cristina Victorio, MD, FAAN, FAHS
Akron Children's Hospital

SPEAKERS AND FACILITATORS

Shawn Aylward, MD
Nationwide Children's Hospital/The Ohio State University

Heidi Blume, MD, MPH
Seattle Children's Hospital and Research Institute

Alma Bicknese, MD
Ann & Robert H. Lurie Children's Hospital of Chicago

Rachel Gottlieb-Smith, MD, MHPE
C.S. Mott Children's Hospital

Daniel Noam Lax, MD
Montefiore Medical Center

Marielle Kabbouche Samaha, MD, FAAN, FAHS
Cincinnati Children's Hospital

10:30 AM - 11:30 AM

Workshop 3: The Neurological Exam *en Español*

(Pre-registration required.)

LEADERSHIP AND CAREER DEVELOPMENT

DESCRIPTION

The purpose of this workshop is to serve as an interactive introduction to performing the neurological exam in Spanish. Open to all fluency levels, including non-native and native speakers, participants will learn various translations of the neurological exam components including, but not limited to introductions, assessing mental status, cranial nerves, motor, sensory, reflexes, coordination, and gait. This workshop offers an introductory learning experience focused on conducting neurological assessments in Spanish. The session will begin with a brief introduction to the structure of the neurological exam, followed by a detailed explanation of each exam component in both English and Spanish. Key medical terms and phrases related to the neurological exam will be introduced. Then, participants will break into small groups and rotate through various stations where

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they can practice performing different aspects of the neurological exam in Spanish. The goal of the workshop is to empower participants to feel more comfortable conducting a neurological exam while using medical Spanish. By the end of the session, participants will have gained practical skills in both performing the exam and communicating with Spanish-speaking patients.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Implement the practical skills of identifying and utilizing essential Spanish-language phrases and vocabulary relevant to the neurological exam, enhancing communication with Spanish-speaking patients.
- Demonstrate cultural competence and sensitivity when conducting a neurological exam with Spanish-speaking patients, ensuring effective communication and respectful interactions.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Improving my ability to communicate effectively with Spanish-speaking patients during a neurological exam.
- Improving patient comfort and trust when performing a neurological exam in Spanish.

ORGANIZER

Anne Francine A. Pino, BA, MS-IV
Pennsylvania State College of Medicine

SPEAKERS AND FACILITATORS

Anne Francine A. Pino, BA, MS-IV
Pennsylvania State College of Medicine

Swathi Tata, BS, MS-IV
Pennsylvania State College of Medicine

10:30 AM - 11:30 AM

Workshop 4: Practical Management of Complex Hypertonicity

(Pre-registration required.)

CLINICAL PRACTICE

DESCRIPTION

This interactive case-based workshop will engage attendees through representative clinical cases demonstrating key principles of advanced management of medication-resistant hypertonicity. In addition to in-person small group discussion, participants will access supplementary materials using their personal devices through an interactive Padlet webpage designed exclusively for the workshop. The Padlet tool will provide video of expert opinions from interdisciplinary panelists who will outline their management strategies for each case, and it will provide real-time access to relevant resources and large group interaction.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Expand their personal armamentarium of medication options for treatment of hypertonicity beyond traditional first-line agents.
- Identify patients with hypertonicity who warrant evaluation for surgical intervention for tone.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Expanding my repertoire of medications to consider for management of treatment-resistant hypertonicity.
- Identifying appropriate candidates for surgical intervention of hypertonicity.

ORGANIZER

Rose Gelineau-Morel, MD
Children's Mercy Kansas City

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SPEAKERS AND FACILITATORS

Jennifer A. O'Malley, MD, PhD
Stanford University

Rose Gelineau-Morel, MD
Children's Mercy Kansas City

10:30 AM - 11:30 AM

Workshop 5: Active Game Design to Energize Neurology Education

(Pre-registration required.)

LEADERSHIP AND CAREER DEVELOPMENT

DESCRIPTION

What do you do when the speaker doesn't show up for the noon conference? Or maybe you're looking for a new way to engage your residents and medical students in the fascinating (but sometimes intimidating) world of child neurology. This session will explore the innovative use of easy-to-learn, large-group games and activities as a tool for neurology education. We will discuss how integrating interactive, playful, movement-based games into an educational setting can make abstract ideas accessible and memorable while increasing joy in neurology and building connections in your team. We will address inclusivity of learners and accommodation of learners with disabilities. We will also provide a free resource of large-group games that can be played at any institution.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Discuss how games and game-based learning can be used to improve retention and understanding in neurology.
- Understand mechanics of basic large-group games.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Identify changes I could make in the education of residents and trainees in a fun, interactive manner.
- Education of residents and trainees and understanding barriers to learning in the setting of disabilities.

ORGANIZER/MODERATOR

Alison Christy, MD, PhD, FCNS, FAAN
Providence Health and Services

Beyond Jeopardy: Active Games to Teach Neurology and Neuroscience

Mike Cosimini, MD
Oregon Health and Science University

Reaching Your Learner: Inclusivity in Games

Alison Christy, MD, PhD, FCNS, FAAN
Providence Health and Services

Educational Theory of Games and Gamification

Jessica Goldstein, MD, FAAN
University of Minnesota Medical School

11:45 AM - 1:45 PM

Symposium I: Child Neurology Foundation: Improving Care for the Neurology Community Through Collaboration

(Ticketed event.)

DESCRIPTION

This symposium will explore the vital role of collaboration in supporting the neurology community and improving patient outcomes. With presentations from experts across diverse fields, the symposium will focus on strategies and best practices for fostering teamwork among medical providers, researchers, industry partners, and advocacy organizations. This symposium will foster discussion and provide actionable strategies.

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Wednesday, October 8

(Schedule subject to change)

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Enhance their collaboration with fellow clinicians and advocacy organizations.
- Identify ways to collaborate with industry partners.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Collaboration with clinicians and industry partners to advance research.
- Providing patients with access to resources, including from advocacy organizations.

ORGANIZER

M. Scott Perry, MD
Cook Children's

Introduction

M. Scott Perry, MD
Cook Children's

Collaborating to Improve Care

Bhooma R. Aravamuthan, MD, DPhil
WashU Medicine

Bridging the Gap and Strengthening Care Through Industry Partnerships

Sarah Weatherspoon, MD
Le Bonheur Children's Hospital

Improving Outcomes Through Facilitating Access to Resources

Kim Hindery
Child Neurology Foundation

Collaboration in Action: Case Study Review

M. Scott Perry, MD
Cook Children's

Closing Remarks

M. Scott Perry, MD
Cook Children's

2:00 PM - 6:00 PM

Child Neurology/NDD Educators Symposium: Teach, Mentor, and Inspire: A Symposium for the Child Neurology Educator

DESCRIPTION

The Child Neurology/NDD Educators Symposium is a dynamic and interactive forum designed for those dedicated to the training and professional development of future child neurologists and neurodevelopmental disability (NDD) specialists. This year's symposium will feature key updates on the evolving landscape of child neurology and NDD residency training, with a focus on incorporating innovative educational strategies and best practices. Three engaging presentations will highlight cutting-edge approaches to Simulation in Residency Education, robust methods for Resident Evaluation, and the development of Entrustable Professional Activities (EPAs) in child neurology training. In addition to these featured talks, attendees will participate in small-group breakout sessions and roundtable discussions aimed at fostering practical skills and peer exchange. Topics will include being an effective mentor, strategies to improve the pipeline from medical school to residency by inspiring medical students to choose a career in child neurology, providing meaningful and actionable resident feedback, and navigating the challenges of working with struggling residents. Whether you are a program director, faculty educator, or clinician-mentor, this symposium offers valuable insights and tools to enhance your impact as an educator and to strengthen the training experience for the next generation of child neurologists and NDD physicians.

LEARNING OBJECTIVES

As a result of attending this educational session, participants will be able to:

- Identify at least one new way simulation(s) can be used to teach medical knowledge, clinical skills, and professionalism competencies in their child neurology training programs.
- Define key elements in a good assessment and apply a new framework to their institutional assessment design.
- Summarize the current progress in the development of child neurology EPAs.

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LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Using simulation to more effectively assess resident graduation readiness through realistic, reproducible clinical scenarios.
- Enhancing learner assessment by evaluating performance in high-impact, immersive simulations that reflect complex, real-world cases.
- Supporting resident confidence and patient-centered care as key components of readiness through structured simulation-based training.

LOOKING BACK, THINKING FORWARD: 2025 EDUCATION UPDATES

Symposium Agenda/Educational SIG Revamp

Nancy Bass, MD
Medical College of Wisconsin, Children's Wisconsin

Neurodevelopmental Disabilities Update

Miya Asato, MD
Kennedy Krieger Institute

2025 Match Report

Margie Ream, MD, PhD
Nationwide Children's Hospital

Report from the Program Director's Forum

Rachel Gottlieb-Smith, MD
University of Michigan

Danny Rogers, MD, PhD
University of New Mexico Health Sciences Center

CNCDP-K12 Report

Brad Schlaggar, MD, PhD
Kennedy Krieger Institute

Erika Augustine, MD, MS
Kennedy Krieger Institute

PRESENTATIONS

Simulating Success: Integrating High-Yield Clinical and Professional Scenarios into Child Neurology Training

Aaron Nelson, MD MBS FAAP FAAN FCNS
NYU Grossman School of Medicine

Enhancing Learner Assessment

Elizabeth T. Troy, MD
Children's Hospital Colorado

Defining the Outcome: Developing EPAs for Child Neurology Training

Kathryn Xixis, MD
University of Virginia Health

BREAKOUT SESSIONS/ROUND TABLE DISCUSSIONS

Table 1: Being an Effective Mentor

Miya Asato, MD
Kennedy Krieger Institute

Sharoon Quaiser, MD, MBBS
University of Kentucky

Table 2: Growing the Future:

Engaging Medical Students in Child Neurology

John Pugh, MD, PhD
Albany Medical Center

Adam Wallace, MD
University of Wisconsin, Madison

Table 3: Effective Feedback Strategies for All Residents

Meeryo Choe, MD
UCLA

Christopher Barton, MD
University of Louisville

Sarah C. Novara, MD, MSHQS
University of Alabama

Table 4: Guiding the Struggling Learner: A Path to Progress

Nancy Bass, MD
Medical College of Wisconsin/Children's Wisconsin

Margie Ream, MD, PhD
Nationwide Children's Hospital

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3:00 PM - 4:00 PM

Workshop 6: Humanism Workshop: Maintaining Humanism During Stressful Times

(Pre-registration required.)

LEADERSHIP AND CAREER DEVELOPMENT

DESCRIPTION

Child Neurology trainees and clinicians face many practice and academic challenges. Stress can negatively impact the way we provide care. A humanistic approach to medicine is always needed, especially under challenging conditions. This sixth Arnold P. Gold Humanism in Medicine Workshop will discuss stress as it relates to the impact of core identities, principal values, and our humanity on medical practice and the conduct of research. The primary purpose of these audience-interactive workshops has been to present and discuss ideas that child neurologists, clinicians, and nurses can use to maintain a compassionate and empathic attitude toward our patients and their families. This year, an exceptional panel will share the coping skills they developed to help themselves and their trainees through challenging times in their careers. The workshop will be geared towards more junior CNS members, and we aim to offer significant audience participation.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Develop ways to overcome stressful situations during stressful times.
- Develop new ways to provide exceptional care for diverse populations of children.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Providing optimal care and compassion to patients and their families.
- Coping with unavoidable stress and poor outcomes.

ORGANIZER

Nigel Bamford, MD, FANA, ACNS
Yale School of Medicine

The Importance and Power of You

Nomazulu Dlamini, MD, MBBS, MRCPCH, MSc (Lon), PhD
The Hospital of Sick Children, Toronto

The Most Reliable Constant is Change

Bruce Cohen, MD
Akron Children's Hospital

Are We Experiencing Whiplash from Our Changing Times?

Ann Tilton, MD
Children's Hospital, New Orleans

Coping with Poor Outcome or Loss of a Patient

Scott Pomeroy, MD, PhD
Boston Children's Hospital

Humanism and the Arts in Medicine

Phillip Pearl, MD
Boston Children's Hospital

Keeping Your Compassion and Your Optimism in Changing and Challenging Times

Nina F. Schor, MD, PhD
NIH

The Resilient Phenotype: Physicians Who Thrive Despite Adversity

E. Steve Roach, MD
Dell Medical School

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3:00 PM - 4:00 PM

Workshop 7: Discovering Mentors: Early Career Leadership Guidance

(Pre-registration required.)

LEADERSHIP AND CAREER DEVELOPMENT

DESCRIPTION

Leadership and career development are fundamental to the growth of child neurologists for their careers and the future of child neurology (CN). Identifying an appropriate mentor is tantamount to this endeavor and is not always available at one's institution. This seminar is informed by the seminal CNS leadership and mentorship SIG meeting in 2024, in which members outlined several gaps in leadership and sustained mentorship opportunities in the field of CN. Broadly, gaps included lack of knowledge on available leadership programs, difficulty for members at large to access mentors beyond their institution, lack of advocacy initiatives within CN. This seminar will begin to address these gaps by providing a formalized interactive approach for attendees to learn about multiple opportunities for leadership development at the trainee and early career stage and meet with other society members who have been involved in leadership and advocacy and are interested in being mentors. Additionally, these individuals were specifically selected as they can aid in connections to other society members who can serve as mentors and be connected with attendees. In turn, this seminar will begin to create a much-needed network of mentors, mentees, and leaders in child neurology. The six-member panel represents leadership and career development engagement within the Child Neurology Society, the American Academy of Neurology (AAN), the American Neurological Association (ANA), and other allied organizations. This session aims to empower child neurologists with the knowledge and tools to advance their leadership skills and advocate for themselves and on a wide range of pertinent initiatives in the field of CN.

LEARNING OBJECTIVES

As a result of this session, participants will be able to:

- Develop a better understanding of how they can advance in leadership and mentorship roles throughout their careers regardless of race, ethnicity, gender or gender orientation, including applying for and participating in leadership opportunities and programs in the CNS and other allied medical organizations.
- Develop a connection with CNS members they may otherwise never get to meet and who can provide mentorship they may not be able to obtain at their institution or practice.

LEARNER OUTCOMES

This education session helped me to identify changes I could make in my practice related to:

- Developing leadership skills, including how to identify leadership opportunities that can advance my career development and leadership skills.
- Advancing my career through peer mentorship through the Society.

ORGANIZER

Rujuta Wilson, MD
UCLA Health

SPEAKERS AND FACILITATORS

Meeryo Choe, MD
UCLA Health

Duriel Hardy, MD
UT Austin/Dell Medical School

Belinda Oyinkan Marquis, MD
Weill Cornell

Kuntal Sen, MD
Children's National Medical Center

Vijay Vishwanath, MD, PhD
Children's Hospital of Los Angeles

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3:00 PM - 4:00 PM

Workshop 8: Discovering Mentors: Mid to Senior Career Leadership Guidance

(Pre-registration required.)

LEADERSHIP AND CAREER DEVELOPMENT

DESCRIPTION

Leadership and career development are fundamental to the growth of child neurologists for their careers and the future of child neurology (CN). Identifying an appropriate mentor is tantamount to this endeavor and is not always available at one's institution. This seminar is informed by the seminal CNS leadership and mentorship SIG meeting in 2024, where members outlined several gaps in leadership and sustained mentorship opportunities in the field of CN. Broadly, gaps included lack of knowledge on available leadership programs, difficulty for members at large to access mentors beyond their institution, lack of advocacy initiatives within CN. This seminar will begin to address these gaps by providing a formalized interactive approach for attendees to learn about multiple opportunities for leadership development at the trainee and early career stage and meet with other society members who have been involved in leadership and advocacy and are interested in being mentors. Additionally, these individuals were specifically selected as they can aid in connections to other society members who can serve as mentors and be connected with attendees. In turn, this seminar will begin to create a much-needed network of mentors, mentees, and leaders in CN. This six-member panel represents leadership and career development engagement within the Child Neurology Society, the American Academy of Neurology (AAN), the American Neurological Association (ANA), and other allied organizations. This session aims to empower child neurologists with the knowledge and tools to advance their leadership skills and advocate for themselves and on a wide range of pertinent initiatives in the field of CN.

LEARNING OBJECTIVES

As a result of this session, participants will be able to:

- Develop a better understanding of how they can advance in leadership and mentorship roles throughout their careers regardless of race, ethnicity, gender or gender orientation, including applying for and participating in leadership opportunities and programs in the CNS and other allied medical organizations.
- Develop a connection with CNS members they may otherwise never get to meet and who can provide mentorship they may not be able to obtain at their institution or practice.

LEARNER OUTCOMES

This education session helped me to identify changes I could make in my practice related to:

- Developing leadership skills, including how to identify leadership opportunities that can advance my career development and leadership skills.
- Advancing my career through peer mentorship through the Society.

ORGANIZER

Jonathan Strober, MD
UCSF Benioff Children's Hospitals

SPEAKERS AND FACILITATORS

Madeline Chadehumbe, MD
NeurAbilities Healthcare

Stephen Deputy, MD
UT Austin/Dell Medical School

Heather Fullerton, MD
UCSF Benioff Children's Hospital

Sucheta Joshi, MD
Children's Hospital of Los Angeles

Morris Scantlebury, MD
Alberta Children's Hospital

Yasmin Khakoo, MD, FAAN, FCNS, FAAP
MSK Kids at Memorial Sloan Kettering Cancer Center

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

8:00 AM - 10:15 AM

Symposium II: Presidential Symposium: Translating Research into the Clinic: A New Age in Neurogenetics

DESCRIPTION

Advances pertinent to the field of neurogenetics have accelerated in recent years, involving new sequencing technologies, powerful bioinformatic tools, nuanced approaches to the concept of inheritance, and stunning molecular therapies. How do child neurologists harness these amazing new tools to improve the care of their patients? A key theme for the session will be integration. We will illustrate how accurate and early genetic diagnoses lead to early precision therapies, how bioinformatic tools and sequencing technologies accelerate diagnostic evaluations, how the boundaries between metabolic and non-metabolic disorders are becoming less distinct yet more interesting, and how to generalize new knowledge and new therapies.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Understand how to use cutting-edge genomic diagnostic tools to improve their diagnostic capabilities in clinic.
- Connect diagnostic discoveries with therapeutic advances for neurogenetic disorders.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Diagnostic evaluations for neurogenetic disorders.
- Guiding patients and families on therapeutic options for neurogenetic disorders.

ORGANIZER

Peter B. Kang, MD, FCNS
University of Minnesota

Historical Arcs Leading to the Future of Neuromuscular Genetics

Peter B. Kang, MD, FCNS
University of Minnesota

Diagnostic Testing for Germline Neurologic Conditions

Anne O'Donnell-Luria, MD, PhD
Boston Children's Hospital

After the Genome: New Technology for Still Unexplained Disorders

William B. Dobyns, MD
University of Minnesota

Early Precision Diagnosis for Epilepsy Offers Paths to Treatment

Annapurna Poduri, MD, MPH
National Institute for Neurological Disorders and Stroke

Metabolism as Systems Biology: Redefining Metabolism Beyond Pathways

Andrea Gropman, MD, FAAP, FACMG, FANA, FAAN, FCNS
St. Jude Children's Research Hospital

A Pathway from Genetic Diagnosis to Targeted Genetic Therapy

Olivia Kim-McManus, MD
Rady Children's Institute for Genomic Medicine

10:30 AM - 11:00 AM

Martha Bridge Denckla Award Lecture

Stewart H. Mostofsky, M.D.

Batza Family Foundation Research Chair
Director, Center for Neurodevelopmental and Imaging Research
Kennedy Krieger Institute
Professor of Neurology and of Psychiatry and Behavioral Sciences
Johns Hopkins University School of Medicine
Baltimore, Maryland

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

2:00 PM - 3:15 PM

Seminar 1: The Practice of Child Neurology, 2025 Updates

CLINICAL PRACTICE

DESCRIPTION

This session, led by the Child Neurology Society Practice Committee, will provide an overview and update of contemporary child neurology practice. The speakers will cover a variety of topics, including a primer on practice options and job negotiation, an overview of quality measures and clinical guidelines, updates on coding and reimbursements, and the use of artificial intelligence in clinical care. Each speaker will offer a concise presentation on one subject, followed by a panel discussion addressing the major challenges facing the practice of child neurology today. The session will be highly interactive, featuring live polling and ample time for audience questions and answers with the panelists. Audience feedback will be used to help guide CNS in the coming years.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Understand an overview of issues facing contemporary child neurology practice.
- Be familiar with specific new developments, including ambient AI, the new AAN quality measures, and new CPT codes for billing.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Quality improvement.
- Coding and billing.
- The use of ambient AI.

ORGANIZER

Zachary Grinspan, MD, MS
Weill Cornell Medicine

SPEAKERS

Alexandria Melendez-Zaidi, MD, PhD
Texas Tech Physicians of El Paso/El Paso Children's Hospital

Mohammed Abdul Mikati, MD
Duke University School of Medicine

Arthur Mandel, MD, PhD
Columbia University Medical Center

Gary Nelson, MD
University of Utah

Mark Mintz, MD
NeurAbilities Healthcare

SCIENTIFIC LIAISON

Meghan Candee, MD, MSC
University of Utah Health

2:00 PM - 3:15 PM

Seminar 2: Updates in Pediatric Multiple Sclerosis

CLINICAL PRACTICE

DESCRIPTION

Though it has been nearly two decades since pediatric onset multiple sclerosis (POMS) diagnostic criteria were published, advances in understanding of clinical course, diagnostic tools, disease biomarkers, and therapeutics have revolutionized the care of POMS in the past few years. This comprehensive seminar will address the evolving landscape of POMS care and expand knowledge of the unique aspects of managing children with MS in the modern era. First, the new 2024/2025 McDonald criteria for the diagnosis of MS (publication pending) will be discussed, including an introduction to the cutting-edge neuroimaging markers that are now part of these criteria. Discussion of updated diagnostic criteria will highlight unique pediatric considerations, including facilitation of earlier diagnosis and treatment. A review of current and emerging pharmacologic and non-pharmacologic therapeutic options for POMS will be provided, with insights into newer disease-modifying therapies as well as symptomatic treatment.

SESSIONS highlighted in maroon are designated for CME credit.
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options for pervasive POMS-associated symptoms. Growing evidence for initiating higher efficacy disease-modifying therapies early in the disease course will be discussed, as well as an overview of clinical trials in POMS. The importance of the multidisciplinary care model will be highlighted for optimized treatment of this complex patient population, with a focus on integrating emotional and cognitive care and research into POMS. Novel interventions for studying neurocognition and mood disorders will be reviewed. Finally, the session will provide updates on non-pharmacologic treatments related to vitamin D supplementation, physical activity levels, and obesity management, in addition to the role of dietary intervention in MS management. In summary, this seminar will showcase ongoing research initiatives and recent breakthroughs in POMS diagnosis, treatment, and comprehensive clinical care to equip participants with the knowledge and tools needed to enhance the management of POMS, ultimately improving quality of life for youth and families affected by this chronic neurodegenerative condition.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Apply updated multiple sclerosis diagnostic criteria to clinical cases to facilitate earlier and more accurate diagnosis and distinguish from mimicking demyelinating conditions.
- Discuss the latest advancements in both pharmacologic and non-pharmacologic treatment techniques for pediatric MS, including the preference for initiation of high efficacy disease-modifying therapy earlier in the course of disease, integration of a multidisciplinary care model including longitudinal neuropsychological testing in POMS patients, and suggest lifestyle modifications such as dietary changes to enhance POMS outcomes.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Application of MS diagnostic criteria and clinical recognition of POMS.
- Identify changes I could make in my practice related to adjunctive therapies and interventions in patients with complex neuroimmune disease such as POMS.

ORGANIZER

Alexandra B. Kornbluh, MD
Children's National Hospital

MODERATOR

Ilana L. Kahn, MD
Children's National Hospital

Updates in MS Diagnostic Criteria and Implications for Pediatric MS Treatment

Alexandra B. Kornbluh, MD
Children's National Hospital

Integrating Emotional and Cognitive Care and Research into Pediatric MS

Cole Hague, PhD
Children's National Hospital

Adjunctive Therapeutic Strategies and Lifestyle Modifications in Pediatric MS

James Nicholas Brenton, MD P
University of Virginia (UVA) Health

SCIENTIFIC LIAISON

Brenda Banwell, MD, FRCPC, FAAN
The Johns Hopkins Hospital

SESSIONS highlighted in maroon are designated for CME credit.
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2:00 PM - 3:15 PM

Seminar 3: Science & Care Models for Lifespan Transitions in Dev. Disorders

RESEARCH ADVANCES

DESCRIPTION

This seminar will explore the intersection of science and care for individuals with Fragile X, Down syndrome, and related neurodevelopmental disorders across the lifespan. Attendees will gain insights into the latest research on adult manifestations and adult function based on clinical work, as well as data from the FORWARD MARCH, a CDC-sponsored project to follow adults with fragile X into the adult years. Dr. Ances, an adult neurologist, will present his work in neuroplasticity and aging in Down syndrome. Leading experts like Dr. Elizabeth Berry Kravis and Dr. Beau Ances present these sessions. The program highlights cutting-edge therapeutics, genetic and epigenetic influences, and advancements in multimodal imaging and biomarkers. Dr. Twanow will guide discussions on evidence-based care models for transitions to adulthood, emphasizing multidisciplinary approaches and best practices from neurodevelopmental clinics. The goal is to engage participants to think about design of clinical and research-informed care models and integrating clinical research into everyday practice. Sessions on longitudinal studies, personalized medicine, and innovative care models—such as telehealth and neuropsychological tools for adults—will showcase strategies to enhance lifelong health.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Describe recent scientific advancements in understanding the adult manifestations of Fragile X syndrome, Down syndrome, and related neurodevelopmental disorders.
- Identify evidence-based care models that support effective transitions across the lifespan for individuals with neurodevelopmental disorders.
- Recognize the importance of collaboration between researchers, clinicians, and families to enhance outcomes for individuals in adulthood.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Enhancing care for adults with neurodevelopmental disorders by integrating recent scientific advancements.
- Implementing evidence-based models to improve transitions across the lifespan.

ORGANIZER

Andrea Gropman, MD, FAAP, FACMG, FANA, FAAN, FCNS
St Jude Children's Research Hospital

Neurodevelopment Across the Lifespan

Elizabeth Berry Kravis, MD, PhD
Rush University

Advances in the Science of Aging and Neurodevelopment

Beau Ances, MD, PhD
Washington University, St Louis

Care Models for Transition and Beyond

Jaime Twanow, MD
Nationwide Children's Hospital/The Ohio State University

SCIENTIFIC LIAISON

Andrea Gropman, MD, FAAP, FACMG, FANA, FAAN, FCNS
St Jude Children's Research Hospital

3:30 PM - 4:45 PM

Seminar 4: Evidence-Based Guidelines for Continuous EEG in the Neonate

CLINICAL PRACTICE

DESCRIPTION

There remains active debate on what clinically relevant information can be gained from continuous-EEG (cEEG) in neonates with 1) suspected seizures, 2) neonates at high risk for seizures, and 3) neonates with definite seizures. In this session, we aim to resolve these questions by presenting the results of our recently published systematic review and evidence-based updates (using GRADE methodology and expert consensus)

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to the 2011 ACNS Consensus Guideline on cEEG in Neonates. Speaker 1 (Dr. Courtney Wusthoff): Systematic Review of continuous EEG (cEEG) in the neonatal ICU. Dr. Wusthoff will introduce the newly updated ACNS consensus guidelines and discuss the accuracy of cEEG monitoring in diagnosing neonatal seizures versus less resource-intensive modalities, including aEEG, serial spot-EEGs, and clinical evaluation alone. Speaker 2 (Dr. Adam Numis): Resource allocation of cEEG: Which high-risk neonates should be monitored for evaluation of seizures? Dr. Numis will outline best practices for selecting which high-risk neonates (i.e., hypoxic-ischemic injury, stroke, congenital heart disease) should undergo cEEG monitoring. He will discuss the optimal timing and duration for monitoring and review the utility of cEEG in evaluating seizure control post-treatment. Speaker 3 (Dr. Renée Shellhaas): Beyond Seizures: Can cEEG help understand brain function and prognosis in the encephalopathic term and preterm infant? Dr. Shellhaas will highlight clinically relevant information that can be gained from cEEG as a part of the evaluation of neonatal encephalopathy as well as preterm brain function. Speaker 4 (Mrs. Betsy Pilon (Parent-partner): The Role of Families in Shaping Guidelines and Research on Neonatal cEEG. Mrs. Pilon will discuss how early and sustained family engagement can enhance the relevance, clarity, and utility of clinical recommendations, making them more accessible and impactful for both clinicians and families.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Evaluate the role of continuous EEG (cEEG) in the diagnosis and management of neonatal seizures by comparing its utility to clinical judgment and amplitude-integrated EEG (aEEG), particularly in high-risk conditions such as hypoxic-ischemic injury, stroke, and congenital heart disease.
- Identify the broader clinical benefits of cEEG beyond seizure detection, including its utility in assessing neonatal encephalopathy and brain function in term and preterm infants, while also recognizing the importance of family engagement in shaping clinical guidelines and research.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- The use of continuous EEG (cEEG) for diagnosing and managing neonatal seizures, particularly in high-risk conditions such as hypoxic-ischemic injury, stroke, and congenital heart disease.
- Incorporating cEEG findings into the broader assessment of neonatal brain function and prognosis, as well as engaging families in the development and implementation of clinical guidelines and research.

ORGANIZER

Adam Numis, MD
University of California - San Francisco

Systematic Review of Continuous EEG (cEEG) in the Neonatal ICU

Courtney Wusthoff, MD, MS
University of California - Davis

Resource Allocation of cEEG: Which high-risk Neonates Should Be Monitored for Evaluation of Seizures?

Adam Numis, MD
University of California - San Francisco

Beyond Seizures: Can cEEG Help Understand Brain Function and Prognosis in the Encephalopathic Term and Preterm Infant?

Renée Shellhaas, MD, MS
Washington University in St. Louis

The Role of Family Engagement in Developing and Disseminating Clinical Recommendations

Betsy Pilon, BA
Hope for HIE

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3:30 PM - 4:45 PM

Seminar 5: Telehealth in the Post-pandemic Era: Opportunities and Challenges

CLINICAL PRACTICE

DESCRIPTION

Telehealth was widely adopted during the COVID-19 pandemic and has continued to be used as a routine tool for patient care. Telehealth provides the opportunity to continue medical care seamlessly for patients and their families as well as for providers (whether from home or the office). During the pandemic and in the immediate post-pandemic period, telehealth allowed providers to obtain equitable reimbursement and the promotion of physician work-life balance. However, despite the widespread adoption of telehealth and the apparent integration of telehealth into medical practice, there continue to be challenges, including absence of visual cues, risk of misdiagnoses, and lack of ability to perform a complete physical examination. Barriers to patients and families include limited access to computers or phones, language barriers, and limited digital literacy. The current and future regulatory requirements for telehealth are changing and, therefore, not well understood for clinicians across a range of practice types. Through this didactic session, we will provide a broad view of clinical, regulatory, and research updates on telehealth that will cover the aforementioned challenges. This will include an overview and update regarding the current regulatory landscape for telehealth and how this can impact ongoing use of telehealth in child neurology; how telehealth can be optimized as a tool to achieve the quadruple aim in health care of improving population health, enhancing the experience of care for individuals, reducing the per capita cost of health care, and attaining joy in work; and challenges and opportunities with delivering equitable care via telehealth across child neurology, including epilepsy and neurodevelopmental disorders.

LEARNING OBJECTIVES

As a result of this education session, participants will be able to:

- Describe optimal settings and challenges associated with ensuring an optimal assessment and management of children with neurological disorders, including children with neurodevelopmental disorders, via telehealth.
- Understand policy and regulatory changes with respect to telehealth and the implications for clinical practice.
- Recognize the barriers and challenges associated with delivering equitable care via telehealth for children with neurological disorders.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Limitations and considerations for telehealth assessments and considerations for balancing in-person and telehealth visits.
- Reducing barriers to telehealth for patients and families.

ORGANIZERS

Gogi Kumar, MD, FAES
Dayton Children's Hospital, Dayton, Ohio

Sucheta Joshi, MD, MS, FAAP, FAES
Children's Hospital Los Angeles

Integration of Telehealth in Child Neurology Post COVID: Clinical, Operational, and Equity Conundrums

Gogi Kumar, MD, FAES
Dayton Children's Hospital, Dayton, Ohio

Regulatory Landscape of Telehealth: What Lies Ahead

Nassim Zecavati, MD, MPH, FAAN
Children's Hospital of Richmond

Use of Telemedicine for Evaluation and Management of Children with Neuro-developmental Disabilities

Taryn Liu, MD
Children's Hospital Los Angeles

SCIENTIFIC LIAISON

Sucheta Joshi, MD, MS, FAAP, FAES
Children's Hospital Los Angeles

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

3:30 PM - 4:45 PM

Seminar 6: The Changing Landscape of Autism Spectrum Disorder

CLINICAL PRACTICE

DESCRIPTION

Over the past two decades, considerable progress has been made in both clinical care and research on autism spectrum disorder (ASD), with a particular emphasis on early diagnosis and intervention. However, significant challenges remain. Racial and economic disparities in ASD diagnosis continue to be influenced by social, cultural, and systemic factors. Diagnosing ASD in girls and women continues to be delayed, and sometimes missed altogether, due to differences in presentation, masking, and the use of standardized assessments that do not capture these nuances. Moreover, underrepresented female minorities are at significantly higher risk of late diagnosis. Historically, autism has been diagnosed more frequently in males, with a widely cited male-to-female ratio of around 4:1. Over the past several years, ASD research has expanded significantly, especially in the areas of missed and late diagnoses, and how autism manifests in underrepresented populations like women, girls, LGBTQI+ individuals, and minorities. There is a clear and pressing need for more inclusive, gender-sensitive, and culturally competent approaches to autism assessment and support. In this panel discussion, we discuss historical changes in DSM criteria for autism and their impact on diagnosis. We further examine evidence on the differences in autism presentations between boys and girls and explore tools that aid in earlier diagnosis across genders. Additionally, we review gender-related variations in comorbidities and potential differences in treatment approaches. We also explore current findings in neuroimaging and neurogenetics related to autism. Lastly, we include a parent of both a boy and a girl on the panel to discuss differences in their personal experience, and a young woman with high-functioning autism will share her experience.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to identify challenges to:

- Timely diagnosis of girls and women with autism.
- Understand gender-related variations in comorbidities and potential differences in treatment approaches of autism.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Gender disparities within ASD diagnosis.
- Minority disparities within ASD diagnosis.

ORGANIZERS/MODERATORS

Regina Troxell, MD
Cortica

Surabhi Kaul, MD, MPH
Cortica

SPEAKERS

Pauline Filipek, MD
McGovern Medical School at UTHealth

Audrey Brumback, MD, PhD
The University of Texas at Austin - Dell Medical School

Melissa Svoboda, MD
Baylor College of Medicine/Christus Children's

Elysa Marco, MD
Lifetime Neurodevelopmental Clinic (LiNC), Cortica

Anuja Jindal, MD, MPH
UC San Diego & Rady Children's Hospital

Kristie Hooker, NP, RN
Cortica

Grace Bartoli
Autistic Woman Self-Advocate /Lived Experience Expert

SCIENTIFIC LIAISON

Geetanjali Rathore, MD
University of Nebraska Medical Center

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

8:00 AM - 8:30 AM

Philip R. Dodge Young Investigator Award Lecture

TBA

8:30 AM - 9:15 AM

Bernard Sachs Award Lecture

Brenda Banwell, MD, FRCPC, FAAN

Director (Chair) and Professor of Pediatrics
Johns Hopkins University
Pediatrician-in-Chief and Co-Director
Johns Hopkins Children's Center

9:30 AM - 10:45 AM

Seminar 7: Optimizing NeuroICU Care: Treating Patients Rather Than Seizures

CLINICAL PRACTICE

DESCRIPTION

Join us for a dynamic session exploring emerging strategies for personalizing neurocritical care in children. This program focuses on treating patients rather than simply suppressing seizures, highlighting novel pharmacologic, diagnostic, and immunotherapeutic approaches grounded in the latest evidence. We will start by examining the newest data for treating status epilepticus from clinical trials and cohort studies, including ketamine and ganaxolone. The speaker will then discuss how the use of individualized treatment thresholds for treatment in pediatric status epilepticus is changing status pathways and informing clinical practice. Next, we will illustrate how advanced EEG analysis, individualized seizure treatment responses and genetic insights can help tailor therapy selection. Highlighted through cases and current data, we will demonstrate how these tools can be applied to patients and move us toward a data-driven approach that optimizes outcomes for patients with refractory

seizures. We will move on to explore the growing arsenal of emerging immunomodulatory therapies. We will focus on current data and approaches to managing Febrile Infection-Related Epilepsy syndrome (FIREs), including a discussion of the importance of recognizing inflammatory etiologies and promptly initiating targeted interventions. New inflammatory markers and etiologies, including cytokine and interferon driven processes, will be reviewed. The session will conclude with an interactive discussion that will focus on practical guidance on implementing personalized, evidence-based treatment strategies in diverse clinical environments and identifying barriers that remain. Through real-world cases and an emphasis on precision medicine, attendees will gain valuable tools to refine neurocritical care, ultimately improving outcomes and quality of life for children with both epilepsy and acute symptomatic seizures.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Summarize emerging evidence regarding novel therapies (e.g., ketamine, ganaxolone) and treatment thresholds for pediatric status epilepticus tailored to specific etiologies and patient populations.
- Integrate advanced EEG, genetic testing, and immunologic considerations into individualized neurocritical care plans for children with refractory seizures, including those presenting with FIREs and other autoimmune epilepsies.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Adopting novel pharmacologic agents, such as ketamine, for children with status epilepticus.
- Incorporating quantitative EEG to track individualized seizure responses.

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

ORGANIZER/MODERATOR

Laura Caligiuri, MD
Children's Hospital of Philadelphia

Putting out FIRES. Cytokines, Interferons, Steroids, and Beyond

Giulia Benedetti, MD
Mott Children's Hospital

Novel Therapies and Thresholds

Dana Harrar MD, PhD
Children's National Hospital

Bringing Precision Therapy to the Neurocritical Care Bedside

Craig A. Press MD, PhD
Children's Hospital of Philadelphia

9:30 AM - 10:45 AM

Seminar 8: The Evolution of Migraine Disease from Childhood to Young Adult

CLINICAL PRACTICE

DESCRIPTION

This educational session will provide an in-depth exploration of migraine disease from infancy through adolescence, emphasizing a developmental approach to diagnosis and treatment via three lectures given by experts in the field. Beginning with periodic syndromes in infancy and early childhood—recognized precursors to migraine—participants will examine early periodic syndromes, including cyclic vomiting syndrome, abdominal migraine, colic, and benign paroxysmal torticollis. The discussion will cover diagnostic criteria, the evolving understanding of their link to migraine disease, and strategies for early intervention to improve long-term outcomes. The session will then shift focus to the pediatric population, addressing the unique challenges of migraine management in children. Topics will include epidemiology, pharmacologic and non-

pharmacologic treatment options, and strategies for implementing effective school accommodations. Attendees will gain insight into preventing the progression to chronic migraine, with an emphasis on family education, adherence to treatment plans, and the critical role of lifestyle modifications—such as sleep hygiene, hydration, and stress management—in symptom control. Adolescent migraine management will then be explored by the third speaker, with special attention to reproductive health and hormonal influences, including the impact of menstruation and contraceptive choices. The session will highlight emerging therapies, such as CGRP-targeted treatments approved for individuals 18 and older, and discuss the transition from pediatric to adult care.

Additionally, considerations for gender dysphoria and its impact on migraine treatment will be addressed, ensuring a comprehensive and inclusive approach to care. This session will emphasize a holistic, patient-centered model of migraine management, equipping healthcare providers with practical tools and evidence-based strategies to support children, adolescents, and their families effectively. Attendees will leave with a deeper understanding of developmental influences on migraine and actionable approaches to optimize care across the lifespan.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Identify clinical presentations of the periodic syndromes of infancy and childhood related to migraine and discuss with family members the relationship to migraine disease.
- Summarize the specific considerations for treatment of patients with migraine disease from early childhood through young adulthood and apply these in clinical practice.

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

Friday, October 10

(Schedule subject to change)

LEARNER OUTCOMES

This educational session helped to identify changes I could make in my practice related to:

- The care of infants and very young children with syndromes that may be related to migraine disease.
- Treatment considerations in migraine disease in young adults.

ORGANIZER

M. Cristina Victorio, MD
Akron Children's Hospital

MODERATOR

Marc DiSabella, DO
Children's National Hospital

Periodic Syndromes of Infancy and Childhood Related to Migraine

Thomas Chelmsky, MD
Virginia Commonwealth University

Migraine Disease in Early Childhood

Jeffrey Strelzik, MD
Children's National Hospital

Special Considerations for Adolescents Living with Migraine

Jessica Gautreaux, MD
Manning Family Children's

SCIENTIFIC LIAISON

Madeline Chadehumbe, MD
NeurAbilities Healthcare

9:30 AM - 10:45 AM

Seminar 9: Games Neurologists Play: AI for Enhanced Diagnosis in Neurology

RESEARCH ADVANCES

DESCRIPTION

Substantial advances in artificial intelligence (AI), including multimodal deep learning (DL) and large language models (LLMs), have revolutionized the field

of medical diagnostics, particularly in the interpretation of complex data and the identification of rare disorders. These technologies have enabled next-generation phenotyping (NGP) techniques, which integrate diverse data sources—such as facial photos, brain MRI, and EEG—to recognize characteristic patterns of rare diseases with remarkable accuracy. This symposium will explore how NGP, powered by AI, is transforming the diagnosis and management of rare neurological disorders in children. The session will begin with an overview of how NGP integrates facial feature analysis and clinical text interpretation to identify subtle phenotypic markers of rare genetic and neurodevelopmental conditions. Building on this foundation, we will delve into the application of NGP to brain MRI and EEG data, showcasing how AI-driven tools can detect structural and functional abnormalities that may elude traditional diagnostic methods. For brain MRI, multimodal DL techniques enable the fusion of imaging data with clinical and genetic information, enhancing the detection of malformations, white matter changes, and other biomarkers. In EEG analysis, DL models can identify patterns indicative of epileptic activity, encephalopathies, and development of new biomarkers, even in noisy or complex recordings. Attendees will gain insights into the development, validation, and clinical implementation of these cutting-edge tools, as well as their potential to reduce diagnostic delays, improve accuracy, and personalize treatment strategies. The session will also address diversity and ethical considerations, challenges in data integration, and the future of AI in child neurology. By bridging the gap between technology and clinical practice, this symposium aims to empower child neurologists with the knowledge and tools needed to harness the full potential of NGP for better patient outcomes.

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Educate child neurologists on current AI diagnostic tools—such as machine learning for EEGs, MRIs, and facial analysis—and their clinical applications, limitations, and potential to improve diagnostic accuracy and patient outcomes.
- Foster collaboration between neurologists, AI developers, and data scientists to advance research, integrate AI into clinical workflows, and develop ethical guidelines and best practices for pediatric neurology.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Integrating AI tools—such as EEG interpretation, MRI analysis, and facial phenotyping—to enhance diagnostic accuracy and patient care in pediatric neurology.
- Collaborating on AI development, applying ethical best practices, and contributing to research and guideline creation to ensure equitable and effective use of AI in clinical settings.

ORGANIZER

Wei-Liang Chen MD
Children's National Hospital

MODERATOR

Sinan Turnacioglu, MD
Children's National Hospital

PANELIST

Syed Anwar, PhD
Children's National Hospital

Introducing AI Technology in Healthcare: Insights from the GestaltMatcher Database for Global and Diverse Populations

Tzung-Chien Hsieh, PhD
University of Bonn

Brain2Gene - Next Generation Phenotyping Using Artificial Intelligence to Predict the Genetic Diagnosis by Brain MRI Analysis

Wei-Liang Chen, MD
Children's National Hospital

AI-Driven Insights into Neonatal Seizures and Infantile Spasms: From Brain Network Modeling to Treatment Response Prediction

Danilo Bernardo, MD
UCSF

1:00 PM - 2:15 PM

Seminar 10: Intraventricular Hemorrhage in Neonates: Advancing Understanding

CLINICAL PRACTICE

DESCRIPTION

Diagnosis and management of intraventricular hemorrhage (IVH) in premature neonates is an evolving landscape in the field of child neurology. Recent changes in classification and management of IVH have advanced our understanding of risk factors, timing of interventions, and the neurodevelopmental sequelae of this common neonatal brain injury. This session will cover pathophysiology, classification, potential for prevention, neurosurgical procedures, and neurosurgical timing of intervention, as well as an update on long-term neurodevelopment in survivors of intraventricular hemorrhage. It will help child neurologists seeing patients in the NICU and in clinic better understand their role in the multidisciplinary care of these children.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Advocate for timing of intervention in neonates with intraventricular hemorrhage.
- Provide more accurate long-term outcome education to families of neonates with intraventricular hemorrhage.

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Advocating for possible interventions in neonates with intraventricular hemorrhage.
- Educating families about possible long-term sequelae of intraventricular hemorrhage.

ORGANIZER

Leah Ferrante, MD
University of Texas at Austin, Dell Medical School

Intraventricular Hemorrhage: Pathophysiology and Medical Management

Sarah Bauer Huang, MD, PhD
Washington University of St. Louis

Surgical Management and Outcomes of Intervention of IVH

Mohammed Omar Iqbal, MD
University of Texas at Austin, Dell Medical School

Rethinking Long Term Neurodevelopmental Outcomes in IVH

Leah Ferrante, MD
University of Texas at Austin, Dell Medical School

SCIENTIFIC LIAISON

Sonika Agarwal, MBBS, MD, FAAN
Children's Hospital of Philadelphia

1:00 PM - 2:15 PM

Seminar 11: Addressing Neurological Complications of Oncologic Treatment

CLINICAL PRACTICE

DESCRIPTION

Advances in pediatric oncology have revolutionized survival outcomes, but these breakthroughs come with unique neurological challenges. Child neurologists play a pivotal role in identifying, diagnosing, and managing the acute and chronic neurotoxicities associated with oncological therapies. This course provides a focused overview of neurological complications stemming from traditional chemotherapies, novel targeted therapies, and emerging immunotherapies, highlighting

the increasing complexity of treatment-related neurotoxicities. Using a case-based approach, we will explore acute and chronic toxicities linked to agents such as methotrexate, MEK inhibitors, immune checkpoint inhibitors, CAR-T cell therapies, and Blinatumomab. We will also discuss the latest data on emerging therapies and evolving management strategies for these complications. Participants will gain practical insights into the recognition and evidence-based management of treatment-related neurological toxicities, enabling them to optimize patient care in the context of complex oncological needs.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Evaluate and differentiate the spectrum of acute neurological complications associated with contemporary cancer therapies, including traditional chemotherapy, targeted agents, and immunotherapies, to enable appropriate intervention in clinical practice.
- Form evidence-based management strategies for treatment-related neurological toxicities in pediatric oncology patients, incorporating both diagnostic algorithms and therapeutic approaches while considering patient-specific factors and available resources.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Diagnosing and treating acute neurological toxicities of childhood cancer treatment.
- The multidisciplinary management of neurological complications that can arise in cancer treatment.

ORGANIZER

Arun Solanki, MD
St. Jude Children's Research Hospital, Memphis, TN

MODERATOR

Nicole Ullrich, MD, PhD, FAAN
Boston Children's Hospital, Boston, MA

Conventional Chemotherapy Agents

Arun Solanki, MD
St. Jude Children's Research Hospital, Memphis, TN

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

Targeted Agents

Cynthia J. Campen, MD, MScE
Stanford University & Lucile Packard Children's Hospital

Immunotherapy

Aimee A. Sato, MD
Seattle Children's, University of Washington

1:00 PM - 2:15 PM

Seminar 12: NINDS 75th Anniversary: Clinical Innovation Through Science

RESEARCH ADVANCES

DESCRIPTION

Have you ever prescribed a medicine for a patient with epilepsy, headaches, or a movement disorder? Ordered genetic testing? Taken care of a child with encephalitis, stroke, a demyelinating disorder, TBI, or neonatal encephalopathy? The US National Institute of Neurological Disorders and Stroke (NINDS) has played a major role in nearly every clinical area of child neurology, supporting discoveries at the bench and bedside for 75 years. Three of the four initial extramural studies supported by NINDS (originally called the National Institute of Neurological Diseases and Blindness) included children with retinopathy of prematurity, cerebral palsy, and intellectual disability. Since then, NINDS has developed robust research programs designed to fulfill its mission "...to seek fundamental knowledge about the brain and nervous system and to use that knowledge to reduce the burden of neurological disease for all people." NINDS has pursued this mission by supporting a wide range of trainees and investigators at all career levels. NINDS also promotes a workforce that spans the training pipeline from innovative neuroscience education outreach (grades K-12) to funding opportunities and important mentoring networks across critical career transition points. This panel will feature junior and senior investigators who will discuss their highly innovative research and its influence on child neurology clinical practice – what we do every day for our patients. They also will discuss the role that NINDS support played in developing their careers. Please join us in this reflection

on the scientific progress of the last 75 years – and a look ahead at all the challenging work that needs to be done to accomplish the NINDS Mission in years to come.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Understand how scientific research in several areas of child neurology contributes to advances in clinical diagnosis and treatment.
- Identify the role of NINDS support to child neurologists at different career stages, from training to faculty.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Clinical implementation of scientific innovations resulting from child neurology research.
- Engagement in child neurology research in a variety of clinical settings

ORGANIZER

Adam Hartman, MD
NINDS/NIH

SPEAKERS

Adam Hartman, MD, FCNS
NINDS/NIH

Mary Anne Meskis
Dravet Syndrome Foundation

Erika Augustine, MD, MS
Kennedy Krieger Institute

Christine Fox, MD, MAS
UCSF Benioff Children's Hospital

Darius Ebrahimi-Fakhari, MD, PhD
Boston Children's Hospital

Adam Ostendorf, MD
Nationwide Children's Hospital

SCIENTIFIC LIAISON

Annapurna Poduri, MD, MPH
National Institute for Neurological Disorders and Stroke

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

Friday, October 10

(Schedule subject to change)

1:00 PM - 4:00 PM

CNS Clinical Research Annual Workshop: Presenting your Data

(Pre-registration required. Capacity: 125)

DESCRIPTION

The Child Neurology Society Clinical Research Workshop began in 2021 in response to a desire for child neurologists to build confidence in conducting clinical research. The workshop is designed to follow a five-year arc, beginning with identifying a gap in the field, study design, and selecting outcome measures. Now in its fourth year, the 2024 clinical research workshop will focus on analyzing data. Topics will include requirements for the new NIH Data Management and Sharing Plan, recommendations on how to store data locally and in national repositories, avoiding common statistical pitfalls in analyzing data, and how to clearly and effectively present data in manuscripts, posters, and presentations. Topic presentations will be followed by a breakout session where participants can bring questions about their own data to share with the experts. The goal is for each participant to leave the workshop with practical tips and resources for storing, analyzing, and presenting data that they can apply to their own research. Each clinical research workshop is designed to stand alone, and new participants who have not attended previous workshops are encouraged to join.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Develop a better understanding of how to store and structure their research data to easily meet the new NIH data sharing and management plan requirements.
- Understand common statistical errors made when analyzing data.
- Create clear, effective figures to present their data in manuscripts, posters, and presentations.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Initiating new clinical research projects.
- Meaningful engagement in existing clinical research projects.

ORGANIZER

Alexander Li Cohen, MD, PhD, FAAN
Boston Children's Hospital

Welcome and Introduction

Alexander Li Cohen, MD, PhD, FAAN
Boston Children's Hospital

Sharing Your Research Story:

Matching the Message to the Audience

Monica Lemmon, MD, FCNS
Duke University School of Medicine

Examples of Distilling Your Message into Different Sized Containers

Jaclyn M. Martindale, DO, FAAN, FCNS
Wake Forest University School of Medicine

BREAKOUT SESSIONS

Presenting and Sharing Your Results with the NIH and Government

Kristi Hardy, PhD
Division of Clinical Research, NINDS/NIH

Write Right, Wright: Telling Your Story in Written Form

Ariel M. Lyons-Warren, MD, PhD
Baylor College of Medicine, Texas Children's Hospital

Summary and Take-Home Points

Rose Gelineau-Morel, MD
Children's Mercy Kansas City

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

Saturday, October 11

(Schedule subject to change)

8:00 AM - 8:45 AM

Howe Award Lecture

Andrea Gropman, MD, FACMG, FAAP, FANA, FAAN, FCNS
St Jude Children's Research Hospital, Memphis, TN

9:00 AM - 12:00 PM

Symposium III: Year in Review Symposium

DESCRIPTION

With new exciting advancements in child neurology in the areas of clinical care, research, new medications, gene therapies, and new technologies, this session provides an overview within different pediatric neurology subspecialties. Recent advancements in the past year will be covered in this symposium by experts in the field, with a focus on studies that are relevant to the general child neurologist. The topics will include epilepsy, neonatal neurology, stroke/neurocritical care, neuroimmunology, neuromuscular, neuro-oncology, diversity/equity/inclusion, movement disorders, headaches, and neurogenetics. Studies will include multi-center consortia and clinical trials. Leaders across organizations will also present abstracts from other professional societies relevant to our membership. This symposium will provide an update on the most relevant and high-impact studies within child neurology.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Identify high-impact studies that have been published in child neurology in the past year.
- Discuss novel therapies and treatments available for pediatric neurological disorders.

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Evidence-based practices for management of pediatric neurological diseases.
- Discussing important studies in pediatric neurology

ORGANIZERS

Grace Gombolay, MD, MSC
Emory University, Children's Healthcare of Atlanta

Dave F. Clarke, MBBS, ABPN, ABCN, FAES
Dell Medical School at UT Austin

MODERATORS

Suad Khalil, MD
Michigan State University

Madeline Chadehumbe, MD
NeurAbilities Healthcare

Epilepsy

Jason Coryell, MD, MS
Oregon Health & Sciences University

Neuroimmunology

TBD

Neonatology

TBD

Neuromuscular

TBD

Neurogenetics

Jennifer M. Bain, MD, PhD, FCNS
Columbia University Irving Medical Center

Movement Disorders

TBD

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

Headache

Samantha Lee Irwin, MB BCh BAO, FRCPC
University of Texas at Austin, Dell Children's

DEI/SDOH

TBD

Neurodevelopment

Sarah Risen, MD
Texas Children's

Sleep Medicine

Timothy Hoban, MD
C.S. Mott Children's Hospital

Neuro-Oncology

Aimee A. Sato, MD
Seattle Children's, University of Washington

Global Pediatric Neurology

Juma Shee Mbwana, MD
Children's National

AANEM

Bridget McGowan, MD
Ann & Robert H. Lurie Children's Hospital

Neurocritical Care Society

Matthew Kirschen, MD, PhD, MSCE
University of Pennsylvania Perelman School of Medicine

12:30 PM - 4:30 PM

CNS Genetics Summit: Demystifying Next-generation Sequencing: A Hands-On Workshop for Pediatric Neurologists

(Ticketed event; Lunch Included.)

DESCRIPTION

Because of the recent dramatic increase of genetic diagnoses and the emergence of gene-directed therapies in child neurology, knowledge about genetic testing is an essential component of the child neurologist's toolkit. For the initial diagnostic workup of many childhood neurological disorders, including epilepsy,

autism, and developmental delay, exome and genome sequencing are recommended to be the standard of care. The integration of genetic testing into routine clinical practice has created a strong need for child neurologists to have competence with ordering and interpreting next-generation sequencing tests. This 4-hour interactive workshop is designed for child neurology practitioners of all levels (in-training and in-practice) from different practice settings (academic and non-academic) to acquire and enhance practical skills for ordering and interpreting genetic testing. The workshop will be divided into three segments: (1) Basics and Foundations in Neurogenomics: Participants will learn about the technical aspects and limitations of next-generation sequencing, how to take a detailed family history, how to choose and order evidence-based genetic testing, and how to perform pre-test counseling. (2) Advanced Interpretation & Case-Based Learning: With small group facilitators, participants will walk through sample clinical cases, determine appropriate usage of genetic testing, use online tools, including OMIM and ClinVar to interpret genetic testing results, and to perform post-test counseling. (3) Emerging Topics: In breakout sessions, participants will learn about practical aspects of setting up genetic testing in different practice settings, how to integrate precision medicine into their clinical practice, and issues surrounding equity in genetic testing. Additionally, the workshop will allow the opportunity to network with workshop speakers and small group facilitators, including neurogeneticists, genetic counselors, and child neurologists with expertise in genetics.

LEARNING OBJECTIVES

As a result of this educational session, participants will be able to:

- Choose and order evidence-based genetic testing for children with neurological disorders and provide pre-test counseling to the patient and family.
- Interpret genetic testing results and provide post-test counseling to the patient and family.

SESSIONS highlighted in maroon are designated for CME credit.
The agenda and amount of CME credits available are subject to change.

Saturday, October 11

(Schedule subject to change)

LEARNER OUTCOMES

This educational session helped me to identify changes I could make in my practice related to:

- Ordering appropriate genetic testing for diagnostic workup of neurological disorders in children.
- Interpreting and counseling patients/families about genetic testing results for neurological disorders in children.

ORGANIZERS

Kuntal Sen, MD
Children's National Hospital

Louis Dang, MD, PhD
University of Michigan

EDUCATION LEADS

Rachel Gottlieb-Smith, MD, MHPE
University of Michigan

Jeffrey Strelzik, MD
Children's National Hospital

Section 1: Basics and Foundations of Neurogenomics

Kristina Julich, MD
Dell Medical School, University of Texas

Sophia Ceulemans, CGC
Rady Children's Hospital

Radhika Dhamija, MD
Mayo Clinic

Section 2: Advanced Interpretation & Case-Based Learning

Amitha Ananth, MD
University of Alabama

Jennifer Harmon, MD, PhD
Wake Forest University

Section 3: Emerging Topics in Lobby-style Talks

Rebecca Levy, MD PhD
Stanford University

John Schreiber, MD
Children's National Hospital

Danielle Nolan, MD
Corewell Health

Deepa Rajan, MD
UPMC Children's Hospital of Pittsburgh

Hannah Grindling, CGC
Children's National Hospital

Avantika Singh, MD
Medical College of Wisconsin

Amy Goldstein, MD
Children's Hospital of Philadelphia

Nancy Bass, MD
Medical College of Wisconsin

ADDITIONAL FACILITATORS

Margie Ream, MD PhD
Nationwide Children's Hospital

Jessica Goldstein, MD
University of Minnesota



Visit the CNS website for registration, travel, and hotel information.

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ACCN 2025 Annual Conference

October 8-9, 2025 • Charlotte, North Carolina

WEDNESDAY, OCTOBER 8, 2025

8:00 AM - 8:15 AM	Welcome and Opening remarks	Beck Reyes, MSN, CPNP, CNRN
8:15 AM - 9:15 AM	Unlocking the Mysteries of Pediatric FND: Effective Outpatient Strategies for Diagnosis, Treatment, and Support	Dara VF Albert, DO, MEd, FAAN, FAES
9:15 AM - 10:00 AM	Experiences from a Nurse-Led Functional Neurological Disorder Pilot Clinic	Deanna Duggan DNP, APRN, CPNP-PC, PMHS Thara Bala, MD
10:00 AM - 10:15 AM	Break	
10:15 AM - 11:15 AM	Breaking Myths on Functional Neurological Symptom Disorder	Vidhi Thakkar, Psy.D.
11:15 AM - 11:45 AM	Panel discussion on FND	Dara VF Albert, DO, MEd, FAAN, FAES Deanna Duggan DNP, APRN, CPNP-PC, PMHS Thara Bala, MD Vidhi Thakkar, Psy.D.
11:45 PM - 12:45 PM	Lunch	
12:45 PM - 1:45 PM	Navigating Mental Health in Youth in a Digital World	Amy Vierhile, DNP, RN, PPCNP-BC
1:45 PM - 2:45 PM	Remember Me: The Peripheral Nervous System	Tara Pezzuto, DNP, PCNS-BC
2:45 PM - 3:00 PM	Break	
3:00 PM - 3:45 PM	A review of the 2024 McDonald Criteria for Multiple Sclerosis and the 2023 Criteria for Myelin oligodendrocyte glycoprotein antibody disease.	Claire Sinai, DNP, CPNP
3:45PM - 4:15 PM	Focused Ultrasound Treatment for Hypothalamic Hamartoma in Children and Young Adults	Patricia A. Tavio MSN, APRN/RN, NP-C, CPN, CNRN Patricia Dean MSN, APRN, CNRN

ACCN 2025 Annual Conference Continued

THURSDAY, OCTOBER 9, 2025

8:00 AM - 8:15 AM	Welcome and opening remarks	Rasha Srouji, DNP, RN, CPNP, CNRN
8:15 AM - 9:15 AM	Kathy O'Hara Memorial Epilepsy Lecture Advancing Epilepsy Care: APP Led Nursing Education and Simulation Training	Shivani Bhatnagar DNP, RN, CPNP-PC, EBP-C
9:15 AM - 9:45 AM	The Current APP scope in pediatric neurology- a survey of 29 academic institutions	Mona Jacobson, RN, MSN, CPNP
9:45 AM - 10:00 AM	Break	
10:00 AM - 10:45 AM	Establishing a biofeedback clinic to treat migraine headaches	Angelina Koehler, CPNP, MS, MA
10:45 AM - 11:30 AM	Business meeting and award ceremony	Mona Jacobson, RN, MSN, CPNP Joellen Lee, RN, MSN, CPNP
11:30 AM - 12:30 PM	Lunch with SIGs Neuromuscular Epilepsy Headache Neuroimmunology	
12:30 PM - 1:15 PM	Dysautonomia: Navigating the journey	Martha Willis, DNP, APRN-PC/AC, CNS
1:15 PM - 2:00 PM	Non-Invasive Neuromonitoring in the ICU	Michele Grimeson Mills RN MSN FNP-BC, PNP-AC Erica Prendergast RN, DNP, PNP-AC
2:00 PM - 2:45 PM	Two Minds, One Mission: Where Neurology and Neurosurgery Intersect for Better Out- comes	Jennifer Coffman, DNP, CPNP-AC, CNRN
Poster Session		
2:45 PM - 3:00 PM	Anatomy of a Registry of Giant "Spots"	Stephanie Vitolano RN, MS, CPNP, CPHON
3:00 PM - 3:15 PM	Seizure Action Plans (SAPs): Should They be Standard of Care for Pediatric Patients with Epilepsy?	Theresa Arsenault Palumbo, MSN, RN, CPN, CNRN
3:15 PM - 3:30 PM	Establishing a program that facilitates the transition from pediatric neurology clinic to adult neurology clinic for young adults with epilepsy	Tina Krysiak, APRN CPNP LeAnna Bricker, RN
3:30 PM - 3:45 PM	Closing Remarks	

CEU provider



Children's
of Alabama



We look forward to seeing you.



Mark Your Calendar for Future Meetings

 **2026**
CHILD NEUROLOGY SOCIETY
55th ANNUAL MEETING
October 14-17, 2026 • Montreal, QC



 **2027**
CHILD NEUROLOGY SOCIETY
56th ANNUAL MEETING
Nov. 10-13, 2027 • Milwaukee, WI

