

CONNECTIONS



Bringing CNS Members Together to Make Children's Lives Better

Where the Next 50 Years Begins

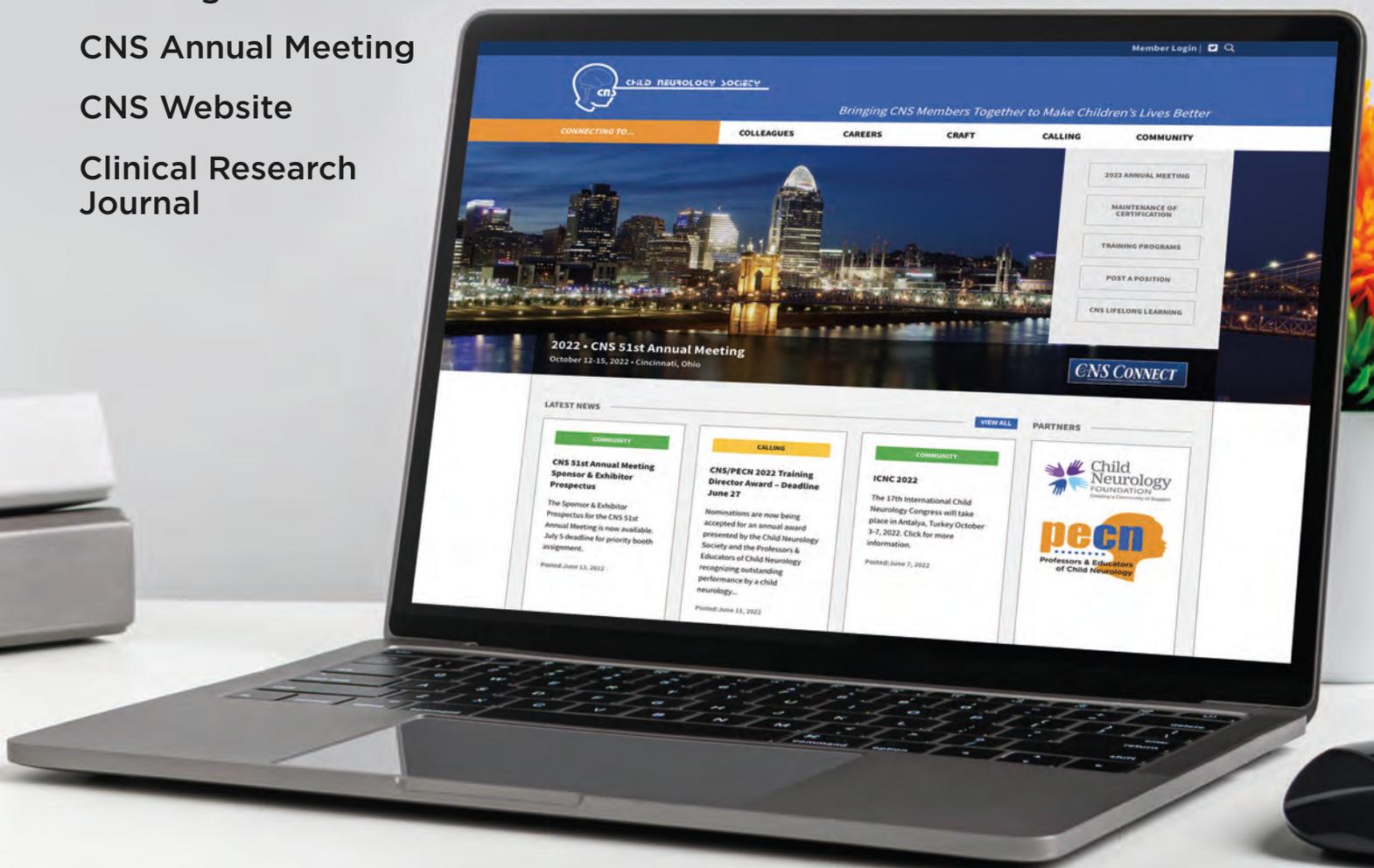
INTRODUCING

CNS Logos

CNS Annual Meeting

CNS Website

Clinical Research
Journal



CONNECTING THRU COLLEAGUES, CAREERS, CRAFT, CALLING AND COMMUNITY



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LETTER FROM
THE PRESIDENT

Happy Spring!

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CONNECTIONS MAGAZINE

CNS Connections is the official news magazine of the Child Neurology Society. The title references the passionate professional interest members share in neural connections and their passionate commitment to connecting to and staying connected with the peers, colleagues, mentors, mentees – and, above all else, friends – in the field with whom they share a career, a craft, a calling, and a community.



Child Neurology Society
1000 West Cty Rd. E, Suite 290
St. Paul, MN 55126
Tel: 651/486-9447
Fax: 651/486-9436
nationaloffice@childneurologysociety.org
www.childneurologysociety.org

EDITOR
Daniel Bonthius, MD, PhD

MANAGING EDITOR
Roger Larson, CAE

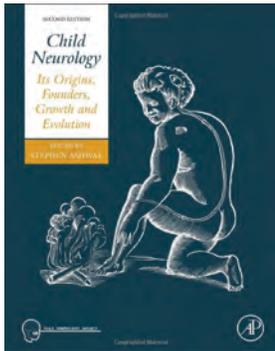
DESIGN & LAYOUT
Kimberlea Weeks | CEVA Design

Published 3-4 times yearly

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BRUCE H. COHEN, MD, CNS PRESIDENT

CHANGE



Click to purchase with special CNS discounts.



Link to 'Principles and Practice of Child Neurology in Infancy' Online Courses

As we transition from spring to summer, I wanted to let the membership know what is occurring at the CNS. As this magazine arrives, I hope you and your loved ones have a peaceful, safe and restful 4th of July holiday weekend.

In the months following the 50th Annual Meeting, I began to settle into a crowded calendar of events, which include weekly meetings with our Executive Director and immediate Past President, Phil Pearl, followed by a weekly meeting with Anup Patel, the President of the Child Neurology Foundation. Ad hoc meetings with committees and their chairs are added onto my schedule as are frequent meetings with presidents of the other, international child neurology societies, a tradition Phil helped launch last year. The international community is dedicated to cross-promotion of scholarly content and were wonderful in promoting *Child Neurology: Its Origin, Founders, Growth and Evolution* (Stephen Ashwal, Ed). Sameer Zuberi, the President of the European Paediatric Neurology Society, asks that I inform CNS members of their partnership with MacKeith Press in developing two interactive courses based on a publication by Colin Kennedy: 'Principles and Practice of Child Neurology in Infancy', to support pediatric health professionals develop best clinical practice for all neurological problems in infancy. More information can be found at <https://www.epns.info/child-neurology-in-infancy-online-courses/>.

In retrospect, the CNS was fortunate to have our annual meeting occurring after the Delta-surge and before Omicron changed

our global lexicon, seemingly permanently. We did not have evidence of any spread of COVID-19 associated with the 50th Annual Meeting of the CNS. Phil Pearl aptly chose as the meeting's theme; CNS: "Past, Present and Future", and all can agree the theme was carried off with great success.

It now becomes my job to help usher our society into the next 50 years. Our founders could not have imagined the changes in the Society – examples include the need for new committees such as Electronic Communications, MOC and LDEI (Leadership, Diversity, Equity and Inclusion), the latter reflecting the changing demographics and evolving outlook of our membership. When our Society was born, there was no concept of health care payment regulation that became known as DRG (Diagnostic Related Groups), a concept that came into play in the late 1980s, much less capitated care (a payment model rolling out now in many states).

Later in this letter I will reflect on the importance of a live annual meeting in keeping the social fabric of our society intact, but as we evolve, and as the influx of 150 new residents/Junior members makes the Society younger and more energetic each year, the importance of having an electronic platform that is functional and fun will also be critical to maintaining community. In the last two years we have all met many peers on Zoom or Teams meetings and have working relationships with these people that we have never shaken hands with before. We can only imagine how friendships will

germinate in the future. Most of us wish we could return to the pre-COVID norms of December 2019, but that is not likely to happen. The rebuilding of our website began before COVID19, but the pandemic gave added urgency accelerating some website redesign elements making it another helpful and necessary platform for strengthening our social ties.

Change

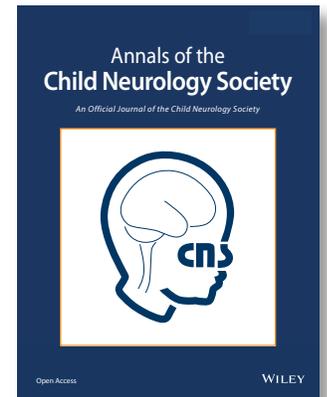
When I think about what is happening around us, I quickly settle into one core concept: *CHANGE*. An old quotation by Bob Dylan, “There is nothing so stable as change,” is a truism that may be hard to accept, but leaves open the question “*what am I going to do about that fact?*” I recently became aware of a quotation by Deepak Chopra – “Every time you are tempted to react in the same old way, ask if you want to be a prisoner of the past, or a pioneer of the future”. If you have gotten this far into the magazine you may be asking yourself, “am I going to find this magazine in my mailbox in the next week?”, and the sad answer is “no..... this is it.” Although I embrace tradition and love holding the hard copy of this magazine, the sad fact is that times have changed: with supply and labor shortages and additional production and mailing costs disrupting production costs and scheduling, it is not just impractical, but environmentally irresponsible to put out a hard copy version other than for the annual meeting. Change has its downsides but provokes us into becoming more creative.



Headquarter Visit

Among the many changes that will unfold over the course of the coming year, few will be more visible or decisive than the hiring of a new CNS Executive Director. As most of you know, Roger Larson wishes to step down from his role as the Executive Director in 2022. The Search Committee, chaired by Phil Pearl, has been active since last November and is now down to a final list of a few highly qualified candidates.

To prepare for that transition, I was delighted to visit our national headquarters last November. Although not an official requirement of the job, I hoped to gain a better understanding of the roles and responsibilities of each of the staff members, and better prepare myself for the transition in staff leadership during the recruiting phase of our next Executive Director. Following an early breakfast, Roger Larson took me on brief tour of St. Paul as we headed to the office. I was most impressed by the beautiful old-world architecture (the Cathedral of St. Paul and



ANNALS OF THE CHILD NEUROLOGY SOCIETY

I am thrilled to announce the founding of *Annals of the Child Neurology Society* (ACNS) as an official journal of the CNS. The aim of ACNS is to provide a venue for clinically-focused articles and Society business while maintaining the Society’s relationship with *Annals of Neurology*, which focuses on more basic research. ACNS will publish clinical research articles, case series, case reports, educational image vignettes, well-done QI-based articles, letters, and commentaries on medicine or societal factors that affect the care of children with neurological disease. Clinically relevant basic science articles are also encouraged. Manuscripts must undergo rigorous peer review and revision before acceptance. For more details, see page 30.

statue of F. Scott Fitzgerald stand out), which is quite different than the feel of St. Paul's larger and more modern twin city, Minneapolis. The outside of the CNS office itself is accurately portrayed on Google Maps – our headquarters have been located in this quiet suburb since the CNS moved out of the Pediatric Neurology offices at The University of Minnesota. When I walked into the office itself, I experienced déjà vu, until Roger reminded me I had seen the color palate of the walls and wall hangings on countless zoom calls. During my time at the office I had ample opportunity to meet with Roger and the three other staff members, including one-on-one sessions with Emily McConnell, Kathy Pavel and Sue Hussman. I took a dozen pages of notes as I learned more about our staff and their journey to and within the CNS. I am moved by the dedication and hard work Roger, Sue, Kathy and Emily perform on our behalf within the unassuming walls of our headquarters. The strategic goals of our Society could not get off the starting line without their efforts and creativity and in many respects they are the metronome that keeps our Society going. When I think of financial stewardship, I can promise you that our money is conservatively and properly appropriated. When we think about how the pandemic altered the business world, we are fortunate that our staff not only remained safe but remained dedicated to their jobs.

Committees

The 'final' CNS committee structure is posted to the CNS Website. If you had asked to be placed on a committee before 12/31/2021 and do not find your name on the website, please let us know. While we traditionally appoint new members immediately before or after the annual meeting, flexibility

may sometimes be exercised. Because we will be transitioning to a new Executive Director in the next year, I have asked the current chairs to remain for another cycle, providing the Society with a buffer of institutional memory. I do want to thank those committee members who completed their terms at the end of 2021 and thank those renewing for a second term. One of the agenda items that will be addressed at the next Executive Board meeting will involve charging the Bylaws Committee with conducting a thorough review and revision of CNS Bylaws to meet the needs of our membership for the future.

51st CNS Annual Meeting

The Scientific Program and Planning Committee has put together the structure of the 51st CNS Meeting, to be held as a hybrid meeting, with the live component held at the Cincinnati Convention Center October 12-15, 2022. As part of the program proposal and abstract submission process you may have noticed new language introduced by the Leadership, Diversity, Equity and Inclusivity Committee asking applicants to discuss their process in developing their program and how that supports and expresses through action our commitment to LDEI. This new requirement for our programs is in line with other scientific and professional organizations. A similar structure used for past meetings is planned, and we will bring back the concurrent breakfast seminars and will have parallel sessions in the afternoon. While only awards lectures and symposia will be livestreamed, due to the enormous costs involved, all additional seminars will be recorded and posted on-line for meeting registrants – live and virtual – to access for one month after the meeting. By recording all sessions, there is no reason for meeting registrants to worry about

missing any of the content they pay for.

The social fabric of the CNS membership is reinvigorated during our annual meeting. Attendance at the meeting had increased annually through 2019, the pre-COVID era; live attendees in 2021 numbered about 800, with another 600 attending virtually, yielding combined attendance comparable to Chicago and Charlotte. Members appreciate the chance to meet old friends, find new friends and reaffirm the purpose of our society. As with most holidays, this event occurs only once a year and has been referred to as "our Thanksgiving" or "Homecoming".

New Resources

The CNS continues to evolve new methods of delivering supplemental professional and scientific content, as well as content reflecting and reinforcing the social aspect of our careers that we cherish, so I would encourage you visit the new CNS website. You will find a new major section heading, *Craft*, that houses archives of material that includes the history of the CNS, as well as educational content. Please take a look at *CNS Conversations*; these are 10-20 minute casual interviews with members of the society and cover many topics related to the Society and the practice of child neurology. Many of these interviews are conducted by Roger Larson, others are conversations among two or more members sharing interests and outlooks. We are going to mix up the content to include a broader swath of our membership, pairing a new member with an elder statesperson (maybe student and mentor), which will add value in 2022 as well as 30, or 50 years from now. It is our goal to record and archive as many of these as possible, as a way to better connect

members within the Society. The *Craft* section also houses our new Podcast series, "Brainstorm", produced by Kathy Xixis on behalf of the CNS Electronic



Communications Committee, as well as our new popular column *Synapses*, written by *CNS Connections* Editor, Dan Bonthius. In addition you will find within *Craft* the old and new practice guidelines, webinars created by CNS members that are broadcast as live events throughout the year but stored for viewing at any time, and industry-sponsored items that are deemed educational. I ask that you dedicate a little time each week to exploring the CNS website and reconnect with your peers living around the globe and enjoy the virtual companionship with your colleagues.



Workforce Survey

I am going to make one more "ask" before concluding this letter. The comprehensive workforce survey of our membership (to be taken by non-members as well) has been through several revisions and is awaiting approval by the University of Texas – Southwestern's IRB before it is released. *When the survey arrives later this summer, please complete it.* This survey was

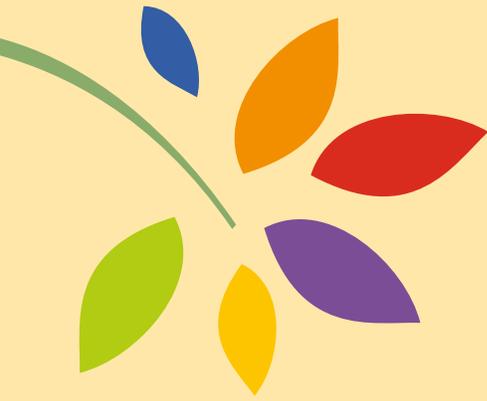
jointly written by our Practice Committee, our LDEI Committee and the wRVU Task force, with editing by the Executive Committee. The design of the survey reflects our attempt to be unambiguous and our intent to discover as much as we can about the demographics of child neurologists. We need to have a handle on our members' demographic diversity, years in practice, percentage of time spent in patient care, their practice model, numbers of funded researchers, salary distribution, work requirements, heritage, size and location of their practice and more. We are investigating and will adopt methods to ensure data is handled in a confidential and non-identifiable manner, which may require some granular questions to be changed or eliminated (e.g: the state your practice is located may be changed to regions). Although there is no one part of the survey that is more important than another, questions related to salary and wRVU requirements will be immediately important to all child neurologists, as will questions related to gender, sex, age, practice type, and heritage. As a personal note, I have used other associations' survey results to change the salary structure of physicians within my center (I direct six specialties, including neurology), and those surveys with low participation are deemed "not acceptable" in arguing for higher salaries. For this survey to be helpful, we need to get 80% participation, a reachable goal considering this will take less than 15 minutes of your time. Please participate, even if you choose not to answer every question.

Last Word

Thank you for your membership and commitment to the Child Neurology Society. I wish to extend my hope for everyone's health, safety and enjoyment in 2022. Please let me know if you have any questions. ●



Link to Craft section of the CNS Website



Logos:

More than Meets the Eye



CNS EXECUTIVE DIRECTOR

Roger Larson, CAE

Bruce Cohen, in his Letter from the President, focused on what has so far, and will continue to be the dominant theme for the CNS in 2022: “Change”. Chief among the many changes in 2022 he references are:

- A new clinical journal (*Annals of the Child Neurology Society*)
- New resources, including a redesigned website featuring a new *Craft* section
- New committee assignments and creation of a wholly new committee (Leadership, Diversity, Equity and Inclusivity)
- A new Executive Director
- A new, comprehensive workforce survey, the first in 20 years

In addition to these, there are also two exciting new developments for younger CNS members to be mindful of:

- Five new Special Interest Groups launched in the last year: Fetal Neurology, Functional Neurological Disorders, Global Health, Neuromodulation, Neuro-Palliative Care
- Junior and Early-career Development Initiative (JEDI): Spearheaded by Alexander Li Cohen and Ariel Lyons Warren, this “next-gen neurologist” Special Interest Group will offer an extensive array of “Lobby Talks” throughout the CNS Annual Meeting in Cincinnati. Originally launched in response to an invitation from ICNA to collaborate with its highly active and engaged “Future Leaders of ICNA” group, this initiative will hold its first organizational meeting on Friday afternoon in Cincinnati. All med

students, residents, fellows, and early career child neurologists are invited to join (roughly anyone <10 years out of training).

Ironically, the very thing that seems oldest, most familiar, and seemingly changeless about the CNS – its annual meeting – is itself the scene and inspiration for change: its perennially, paradoxically new venues, awards, CME content, exhibitors and acquaintances (many of whom seem oddly old and familiar, thanks to Zoom).

The 2021 meeting logo for Boston was just that: a logo that was really focused more on the milestone 50th annual meeting than on the 50th full year of CNS history to follow. The opposite is true this year. Sure, October 12-15 in Cincinnati is when and where “the next 50 years begins”. But just as in real life a tree doesn’t suddenly spring up full-grown, then disappear four days later, the tree in the 51st Annual Meeting logo is less a snapshot in time than it is a study in time. It performs well as a logo, offering at a glance all the basic information needed to attend the 51st Annual Meeting. But it also serves to suggest something larger and deeper and more lasting, something that has already been in the works well before the meeting, and something that will continue to be worked on and worked out long after the meeting ends.

The colorful graphic of a young, still growing tree implicitly rooted in the past, arcing gracefully toward sunlight and a bright future, and providing a broad,





“CNS in the past 10 years has become: not a remote, abstract association that primarily becomes real, embodied and useful to most members once a year, but a living, breathing gathering spot where a uniquely connected and committed community of child neurologists can share resources and wisdom year-round.”

ROGER LARSON, CAE

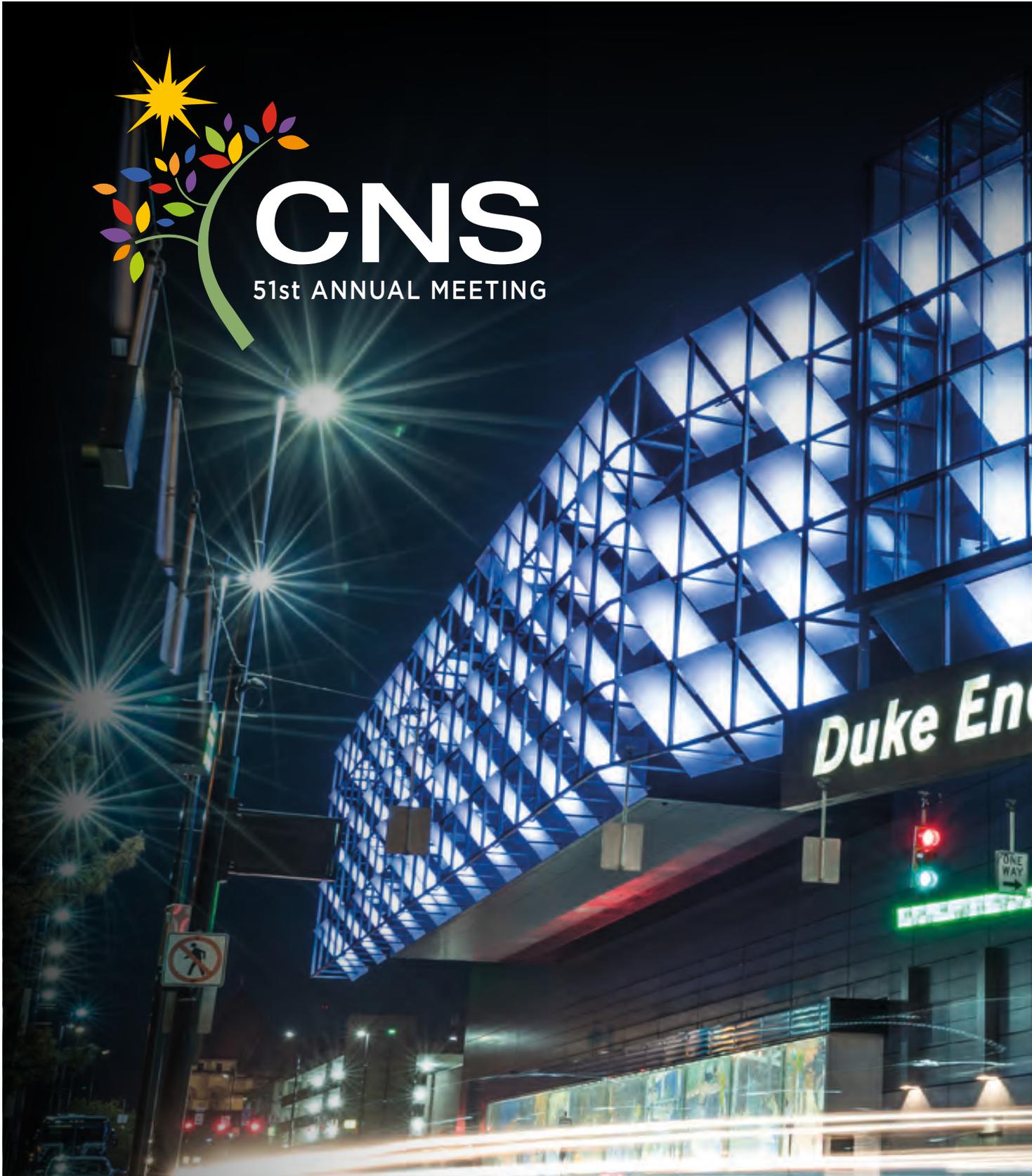
vibrantly-colored canopy under which people can gather in the present is more in keeping with what the CNS in the past 10 years has become: not a remote, abstract association that primarily becomes real, embodied and useful to most members once a year, but a living, breathing gathering spot where a uniquely connected and committed community of child neurologists can share resources and wisdom year-round.

Beginning with this issue of *CNS Connections*, members will notice a new “look” with visual links to the CNS website.

The bright splash of colored leaves featured in this year’s meeting logo match the five colors used to structure the CNS website sections, which match the five colors used to organize *CNS Connections*, “Bringing CNS Members Together to Make Children’s Lives Better”:

1. Colleagues
2. Career
3. Craft
4. Calling
5. Community

Those five elements correspond to the bedrock resources, values and meaning members look to their professional societies to supply, reflect and reinforce. To explore this notion further, go to pages 34 for a mini-tour of all the features available on the CNS website. ●



Wednesday, October 12 - Saturday, October 15, 2022



Where the Next
50 Years Begins

Duke Energy Center • Cincinnati, Ohio



SCIENTIFIC SELECTION &
PROGRAM PLANNING
CO-CHAIR

**Yasmin Khakoo, MD,
FAAN, FAAP**



SCIENTIFIC SELECTION &
PROGRAM PLANNING
CO-CHAIR

**Bhooma Aravamuthan, MD,
DPhil**

51st Annual Meeting

The CNS Scientific Program and Planning Committee

BY YASMIN KHAKOO, MD, FAAN, FAAP

When Bruce Cohen called me and Bhooma to ask if we'd be interested in Chairing the Scientific Program and Planning Committee, of course we agreed. Having never worked together, we soon realized we'd hit the lottery.

More than 40 Committee members, including two Junior Members, worked tirelessly from December 2021 through May 2022 to choose programming that would appeal to a broad audience of scientists, clinicians, and practitioners, at all career stages. Upholding the CNS Leadership, Diversity, Equity and Inclusion (LDEI) mission, we favored submissions which included presenters from diverse institutions, ethnicities, genders, and ranks. We received a record-breaking 48 proposals and accepted 10 for onsite presentation: four symposia and six seminars. An additional six webinars will be scheduled online in the coming year.

We provided constructive feedback to the primary authors of each proposal and encouraged those whose submissions were not accepted, to resubmit for the 52nd CNS Annual Meeting in Vancouver in 2023. We are excited to announce that Renée Shellhaas will run a webinar on how to design a successful proposal; this will livestream and be available on demand prior to next year's call for submissions.

In addition to a dynamite Presidential Symposium, this year's highlights include: The global situation of child neurology practice during the COVID19 pandemic and other natural disasters; Advances in neuroimmunological disorders; and Neurologic and neurodevelopmental challenges in sickle cell disease. And back by popular demand are the Clinical Research and Biomedical Writing Workshops on Saturday afternoon.

We received over 300 abstracts and selected the top 21 for platform presentations, plus 229 posters. Twelve "Best-in-Show" posters will be featured in two guided poster sessions. And as always, awards will be given to trainees and two postgraduates for outstanding work. Lastly, stay tuned for Late-Breaking abstract submission in mid-July.

We appreciate the enthusiasm and creativity of the CNS members who submitted their ideas and look forward to meeting in-person in Cincinnati. Thank you to the members of the Scientific Program and Planning Committee for the time and thoughtful reviews of the Symposia/ Seminars/Abstracts for the 51st Child Neurology Society Annual Meeting. A special shout-out goes to Emily McConnell, Sue Hussman and Roger Larson for fine-tuning programming details. ●



Gyula Acsadi



Meeryo Choe



Jay Desai



Howard Goodkin



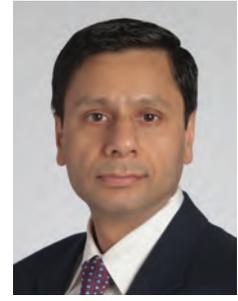
Clarimar Borrero-Mejias



Keith Coffman



David Dredge



Ajay Gupta



J. Nicholas Brenton



Alexander Cohen



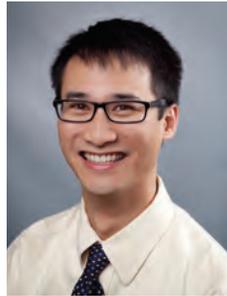
Matt Elrick



Krisztina Harsanyi



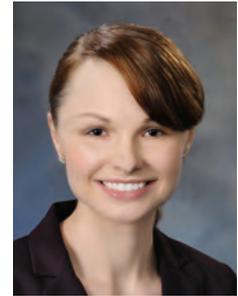
Audrey Brumback



Louis Dang



Grace Gombolay



Isabella Herman



Saba Jafarpour
(Jr Member)



Melanie McNally



Rachit Patil



Jon Santoro



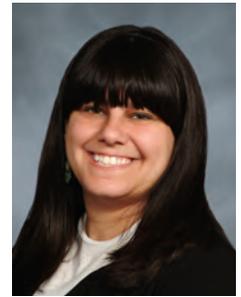
Monica Lemmon



Ganesh Mochida



Marc Patterson



Devorah Segal



Wilfreda Lindsey
(Jr Member)



Andrew Ng



Toni Pearson



Renée Shellhaas



Ariel Lyons-Warren



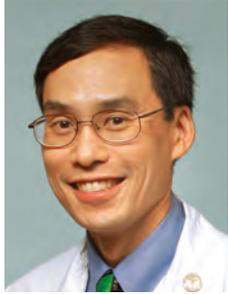
Scott Otallah



E. Steve Roach



Chris Smyser



Liu Lin Thio



Jennifer Vermillion



Vijay Vishwanath



Elissa Yozawitz



Keith Van Haren

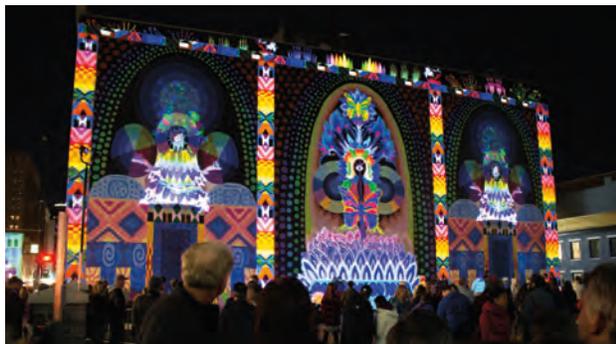


Amy Viehoever



Elizabeth Wells

CINCINNATI NOTE OF INTEREST



BLINK – A Festival of Light & Art: October 13-16, 2022

Sometimes you get lucky. This is one of those times. Blink is a four-night annual outdoor art festival in Cincinnati that just happens to kick off on the 2nd night (Thursday) of the CNS Annual Meeting. The combination of innovative street art, projection mapping and light-based transformation of the city's classic architectural facades has become a nationally celebrated cultural magnet drawing ambulatory crowds and creating a vibe not unlike Austin, TX in 2013 on Halloween. (BTW: the city will fill up fast, so book your flights and sleeping rooms early).

Learning Objectives

The 2022 CNS Scientific Program

The CNS Scientific Program is designed by and is primarily intended for child neurologists and professionals in other fields of study related to neurologic and developmental disorders in children and adolescents. "As a result of attending this meeting the physician will be better able to care for children with neurological disease through an understanding of recent advances in neuroscience, neuro-diagnostics and therapeutics relevant to child neurology."

Accreditation Statement

This activity has not yet been approved for AMA PRA Category 1 Credit™.

SESSIONS highlighted in red are designated for CME credit. Final determination of courses accredited and total # of credits approved will be available when registration opens in mid July.



CHILD NEUROLOGY SOCIETY



MINNESOTA
MEDICAL
ASSOCIATION

51st Annual Meeting of the CNS Scientific Program

Preliminary Program: Dates/Times Subject to Change

WEDNESDAY

October 12

8:00 AM – 11:00 AM

SYMPOSIUM I:

CHILD NEUROLOGY

FOUNDATION SYMPOSIUM:

CLINICAL TRIALS IN PEDIATRIC

NEUROLOGY: OUR ROLE IN

IMPROVING PARTICIPATION AND

OUTCOMES

*Supported by the
Child Neurology Foundation*

COURSE DESCRIPTION

This 3-hour interactive symposium, is designed to raise participant awareness of the importance of clinical trials to the child neurology community and to identify strategies to overcome existing barriers to accessing clinical trials for children with neurologic conditions. We will describe ethical considerations in clinical trials and possible patient participation. Participants will also learn best practices for engaging and supporting patients before, during and after their clinical trial journey.

LEARNING OBJECTIVES

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

- Identify strategies to overcome existing barriers to accessing clinical trials for children with neurologic conditions.
- Utilize best practices for engaging and supporting patients before, during and after their clinical trial journey.

IMPACT STATEMENTS

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

- Identifying clinical trials that will benefit my patients.
- Effectively recommending and discussing clinical trials to my patients

ORGANIZER:

Child Neurology Foundation

Welcome

Anup D. Patel, MD, FAAN, FAES
Nationwide Children's Hospital,
The Ohio State University,
Columbus, OH

Erika Fullwood Augustine, MD, MS
Kennedy Krieger Institute,
Baltimore, MD

The Importance of Clinical Trials to Patients

How Clinical Trials can Impact Patient Outcomes

Tracy Dixon-Salazar, PhD
Lennox-Gastaut Syndrome (LGS)
Foundation, San Diego, CA

Common Barriers to Patient Involvement in Clinical Trials

Kimbra Edwards, PhD
CISCRP, Boston, MA

The Critical Roles of the Provider

The Importance of Clinician Involvement and Possible Roles

Bruce H. Cohen, MD, FAAN
Akron Children's Hospital, Akron, OH

Typical Barriers and Practical Considerations to Clinicians in Fulfilling these Roles

E. Martina Bebin, MD, MPA
University of Alabama at
Birmingham, Birmingham, AL

Supporting Patients:

Best Practices for Discussing Clinical Trials with Patients

Shafali Spurling Jeste, MD
Children's Hospital Los Angeles,
Los Angeles, CA

Avoiding Common

Mistakes in Discussions

Ariel M Lyons-Warren, MD PhD
Baylor College of Medicine,
Houston, TX

11:30 AM – 1:30 PM

KENNETH F. SWAIMAN

CNS LEGACY LUNCHEON

Awards Presented

Arnold P. Gold Foundation Humanism in Medicine Award

Jorge Vidaurre, MD
Columbus, OH

Bernard D'Souza

International Fellowship Awards

Paulina C. Tejada, MD
Pontificia Universidad Católica de
Chile, Santiago, Chile

Robert K. Sebunya, M.D, M.phil
Uganda Martyrs University Nkozi,
Mother Kevin Post Graduate School,
Kampala, Uganda

CNS/PECN Training Director Award

Tim Lotze, MD
Baylor College of Medicine,
Texas Children's Hospital,
Houston, TX

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

51st Annual Meeting of the CNS Scientific Program

Preliminary Program: Dates/Times Subject to Change

WEDNESDAY | CONTINUED

Roger & Mary Brumback Lifetime Achievement Award

Jeffrey Buchhalter, MD
Phoenix, AZ

Michael Noetzel, MD
St. Louis, MO
(presented posthumously)

Roger Larson, CAE
St. Paul, MN

Bhuwan Garg High School Neuroscience Award

Aliya Fisher
New York, NY

Tauen Chang Junior Member Awards

Mekka Garcia, MD

Laura Gilbert, DO, MBA

Riley Kessler, MD

Ezgi Saylam, MD

Outstanding Junior Member Post-Grad Awards

Travis Larsh, MD
Avantika Singh, MD

M. Richard Koenigsberger Scholarship

Stephen Chrzanowski, MD

AAP Section of Neurology Travel Grant

Alexis Karlin, MD

2:00 PM – 3:30 PM PROFESSORS & EDUCATORS OF CHILD NEUROLOGY (PECN)

BUSINESS MEETING

Introduction and Agenda

Nancy Bass, MD
University Hospitals of Cleveland/
Rainbow Babies and Children's Hospital,
Case Western Reserve University School
of Medicine, Cleveland, OH

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

Preference Signaling and the Match

Margie Ream, MD, PhD
Nationwide Children's Hospital,
Columbus, OH

Forgivable Family Leave for Trainees with Q&A

Margie Ream, MD, PhD

RRC Change: Program Director Minimum FTE Support with Q&A

Danny Rogers, MD, PhD
University of New Mexico,
Albuquerque, NM

Match Report

Leon Dure, MD
Heersink School of Medicine,
University of Alabama at Birmingham,
Birmingham, AL

CNCDP-K12 Report

Bradley L. Schlaggar MD PhD
Kennedy Krieger Institute,
Baltimore, MD

Minority Research Scholars Program

Erika Fullwood Augustine, MD, MS
Kennedy Krieger Institute,
Baltimore, MD

Updates AAP Section of Pediatric Neurology

Tim Lotze, MD
Baylor College of Medicine,
Texas Children's Hospital,
Houston, TX

Updates AAN Section of Child Neurology with Q&A

David E. Mandelbaum, MD, PhD
Alpert Medical School of
Brown University, Providence, RI

3:30 PM – 5:30 PM PECN: CME PROGRAM: EDUCATIONAL TOOLS

COURSE DESCRIPTION

Since 2020 educational tools have evolved to include the best of both worlds including the virtual/digital platforms, exponential use of social media, and the sharing of resources across institutions. Many trainees across the country have taken advantage of participating in didactic lectures given virtually in numerous institutions. Webinars and podcasts have made their way into the day to day education of trainees and practicing child neurologists alike. Understanding and navigating the digital and social media milieu has never been more vital to our profession. Our first session aims to arm the participant with the knowledge to navigate these tools. In addition, new innovative ways of combining forces for education of our trainees as well as hybrid learning and interviewing is here to stay. With changes in harmonized milestones for resident education, ensuring trainees are receiving comprehensive exposure to the significance of equity and diversity is of vital importance. In addition, training directors have expressed the difficulty they experience in covering all the topics that are vital to residency education. In this course, the importance and impact of social media in various aspects of the career of a child neurologist, a review of a proposed curriculum in ethics for our trainees and the incorporation of topics around LGBTQ+ education will be presented.

LEARNING OBJECTIVES

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

1. Upon completion of this session, attendees will be able to identify the roles and benefits of the most commonly used social media platforms in child neurology.
2. Upon completion of this session, attendees will learn important

features of a child neurology ethics curriculum and the ways to implement this in their current training programs.

3. Upon completion of this session, attendees will demonstrate knowledge of LGBTQ+ topics relating to resident education and how to implement these topics into their training curriculum.

IMPACT STATEMENT

This educational session will help attendees to identify changes they can make in their practices and resident education related to:

1. Innovative use of social media platforms, development and implementation of an ethics curriculum specific to child neurology concerns as well as increasing their own knowledge of matters surrounding LGBTQ+ issues in residency education and patient care to result in improvements in their current practice.

PECN Digital Committee and Social Media Tools

Jaclyn Martindale, DO
Wake Forest University School of Medicine, Winston-Salem, NC

Kathryn Idol Xixis, MD
University of Virginia, Charlottesville, VA

Jessica Goldstein, MD
University of Minnesota, M Health Fairview Masonic Children's Hospital, Minneapolis, MN

Development of a Child Neurology Ethics Curriculum

William D. Graf, MD
Connecticut Children's, University of Connecticut, Farmington, CT

LGBTQ: Tools for Residency Education

Jonathan Strober, MD
UCSF Benioff Children's Hospital, San Francisco, CA

2:00 PM – 7:30 PM

EXHIBIT HALL

6:00 PM – 7:30 PM

WELCOME RECEPTION

Hosted by select Ohio training programs

8:00 PM – 10:00 PM

MOVEMENT DISORDERS

VIDEO ROUNDS

(Formerly Movement Disorders SIG)

THURSDAY

October 13

7:00 AM – 9:00 AM

PLATFORM I, II & III

9:30 AM – 12:15 PM

SYMPOSIUM II:

PRESIDENTIAL SYMPOSIUM: QUALITY AND CAPITATED CARE

COURSE DESCRIPTION

Just as healthcare has been dramatically changed by advances in molecular, genetic and systems neurosciences, there have been concurrent changes in methods of healthcare delivery and reimbursement that affect the practicing child neurologist.

LEARNING OBJECTIVES

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

1. Understand how quality improvement methodology can improve the clinical outcomes of patients and potentially result in increased reimbursement for clinical services.
2. Understand how the American Academy of Neurology develops and implements quality measures.

3. Know how learning healthcare systems can provide knowledge to improve patient outcomes that is not possible with single center efforts.

IMPACT STATEMENTS

This educational session will help attendees to identify changes they can make in their practices related to:

1. Implement quality improvement projects based upon established pediatric quality measures.
2. Joining or creating pediatric learning healthcare systems to improve patient outcomes.
3. Assuring that care is provided in a manner that is equitable in order to eliminate existing disparities.

ORGANIZER

Bruce H. Cohen, MD, FAAN

CO-ORGANIZER

Jeffrey Buchhalter, MD, PhD
University of Calgary,
Cumming School of Medicine,
Calgary, Canada

Introduction and Discussion of the Importance of QI/QM to CNS Members

Bruce H. Cohen, MD, FAAN

Creating a Quality Improvement Ecosystem at AAN

Lyell K. Jones, Jr. MD
Mayo Clinic, Rochester, MN

Development of Child Neurology QMs at AAN

Bhooma Aravamuthan MD, DPhil
Washington University
School of Medicine,
St. Louis, MO

Description of Rationale and Requirements for a Learning Health System (LHS)

Jeffrey Buchhalter, MD, PhD
University of Calgary,
Cumming School of Medicine,
Calgary, Canada

51st Annual Meeting of the CNS Scientific Program

Preliminary Program: Dates/Times Subject to Change

THURSDAY | CONTINUED

Descriptions of LHS in Pediatrics

Anup D. Patel, MD, FAAN, FAES

LHS for Peds/Adult Epilepsy:

Early Wins

Zachary M. Grinspan, MD, MS
Weill Cornell Medicine, New York, NY

Leveraging LHS to Study Health Care Disparities

Fiona Baumer, MD, MS
Stanford University School of Medicine,
Palo Alto, CA

Q&A

Bruce H. Cohen, MD, FAAN

11:30 AM – 7:00 PM

EXHIBIT HALL

12:30 PM – 2:00 PM

EXHIBITS, POSTER REVIEW & GUIDED POSTER TOUR #1

2:30 PM – 3:00 PM

MARTHA BRIDGE DENCKLA AWARD LECTURE

Michael Shevell, MDCM, FRCP, FCAHS
Montreal Children's Hospital,
McGill University Montreal,
Quebec, Canada

3:00 PM – 5:15 PM

**SYMPOSIUM III:
GLOBAL NEUROLOGY:
THE GLOBAL SITUATION OF CHILD
NEUROLOGY PRACTICE DURING
THE COVID 19 PANDEMIC AND**

OTHER NATURAL DISASTERS. CLINICAL CARE AND EDUCATION

COURSE DESCRIPTION

This symposium will provide a global overview of the status of the child neurology practice during the COVID 19 pandemic, with emphasis in poor resource regions (low, middle, and high- income countries). The diverse panel of speakers have extensive experience in international neurology and practice in different regions, including Latin America, Africa, Caribbean, and USA. Therefore, they will present an expanded view of the current situation of pediatric neurology.

LEARNING OBJECTIVES

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

1. Describe the impact of the actual COVID 19 pandemic in the practice of Child Neurology, globally
2. Understand the use of technology in providing neurological care, specially to children and families with restricted access to care

IMPACT STATEMENTS

This educational session will help attendees to identify changes they can make in their practices related to:

1. Use of virtual platforms to facilitate access to care
2. Delivering neurological care during the current pandemic, when access may be limited by use of available technology

ORGANIZER

Jorge Vidaurre, MD
Nationwide Children's Hospital,
The Ohio State University,
Columbus, OH

Chikungunya, Zika and COVID: Neurological Consequences and Impact in Child Neurology Care Across Latin America

Paulina C. Tejada, MD
Bernard D'Souza International Fellow
Pontificia Universidad Católica de
Chile, Santiago, Chile

Building Child Neurology Capacity in Africa During Disruptive Disasters: Ideas for Low Resourced Communities

Robert K. Sebunya, M.D, M.phil
Bernard D'Souza International Fellow
Uganda Martyrs University Nkozi,
Mother Kevin Post Graduate School,
Kampala, Uganda

Practicing Child Neurology on Conflict Zones. Lessons Learned.

Volodymyr Kharytonov, MD PhD
Clinical Hospital "Psychiatry",
Kyiv, Ukraine

The Potential for Device Technology Use in Healthcare: Applicability During Times of Reduced Access

Dave Clarke, MBBS
Dell Medical School,
University of Texas at Austin, Austin, TX

5:30 PM – 7:00 PM

**EXHIBITS, POSTER REVIEW
(WINE & CHEESE) &
GUIDED POSTER TOUR #2**

SESSIONS highlighted in maroon are designated for CME credit.
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FRIDAY October 14

8:00 AM – 8:15 AM AWARD PRESENTATIONS & GENERAL SESSION

*Child Neurology Foundation/
PERF Scientific Grant & Award
Announcements*

8:15 AM – 8:45 AM PHILIP R. DODGE YOUNG INVESTIGATOR AWARD LECTURE

Bhooma Aravamathan MD, DPhil
Washington University School of
Medicine, St. Louis, MO

8:45 AM – 9:30 AM BERNARD SACHS AWARD LECTURE

Steven Paul Miller, MDCM, MAS, FRCPC
University of British Columbia (BC),
BC Children's Hospital,
Vancouver, British Columbia, Canada

9:45 AM – 12:00 PM SYMPOSIUM IV: ETHICS: NEUROPALIATIVE CARE ACROSS THE AGE SPECTRUM

COURSE DESCRIPTION

Palliative care emphasizes a holistic interdisciplinary approach to the physical, psychological, social, and spiritual health and well-being of neonates, children, adolescents, and adults living with serious illness, and support for their families and caregivers. Although the lay public often equates palliative care to hospice care, the clinical domains of palliative care encompass more than end-of-life care. This symposium reviews clinical palliative care practice guidelines

and addresses important questions about “specialty” palliative care: How is neuropalliative care different than primary palliative care? How is pediatric neuropalliative care different than traditional care in child neurology? Can neuropalliative care begin at birth – or even before birth? Do we “palliate” symptoms when we offer patients promising new therapies? Do the goals of neuropalliative care vary depending on the diagnosis, stage, or severity of a neurological disorder? We discuss essential elements of neuropalliative care including diagnostic certainty, prognostic certainty (versus managing clinical uncertainty), family-centered communication, shared decision-making, and the management of pain and suffering in any care setting. This symposium will emphasize many special ethical issues in neuropalliative care such as those relating to disorders of consciousness, progressive loss of cognitive abilities or decisional capacity, and irreversible paralysis. The symposium stratifies neuropalliative care across the age spectrum. A neuro-oncologist will discuss methods of delivering bad news, assessing and explaining prognosis, assisting patients and families in the process of decision-making, and setting limits when certain types of care are objectively futile. Three child neurologists will respectively discuss pediatric, neonatal, and antenatal neuropalliative care issues such as severe neurological impairment in children and adolescents; withdrawal of life-sustaining interventions in neonates in the NICU; and care options for parents whose mid-trimester fetus has been diagnosed with a major malformation or life-limiting neurogenetic disorder. We highlight the 2022 “Clinical Guidance in Neuropalliative Care Position Statement” endorsed by the CNS.

LEARNING OBJECTIVES

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

1. Identify the various domains of palliative care and their key themes.
2. Integrate essential elements of communication, prognostication and shared decision-making into clinical practice along with special ethical considerations in neuropalliative care as it relates to disorders of consciousness.

IMPACT STATEMENTS

This educational session will help attendees to identify changes they can make in their practices related to:

1. The domains of specialty palliative care.
2. Communicating prognostic certainty versus clinical uncertainty.

ORGANIZER

William D. Graf, MD
Connecticut Children's,
University of Connecticut,
Farmington, CT

Neuropalliative Care in Adults

Lynne P. Taylor, MD
Alvord Brain Tumor Center,
University of Washington, Seattle, WA

Antenatal Neuropalliative Care

William D. Graf, MD

Neuropalliative Care in Neonates

Monica Lemmon, MD
Duke University School of Medicine,
Durham, NC

Neuropalliative Care in Children with Severe Neurological Disorders and Neurodevelopmental Disabilities

Audrey Foster-Barber, MD, PhD
University of California,
San Francisco, San Francisco, CA

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FRIDAY | CONTINUED

12:30 PM – 1:45 PM

SEMINAR 1:

CEREBRAL PALSY: WHAT IS CP? A CONSENSUS-BASED APPROACH

COURSE DESCRIPTION

Cerebral palsy (CP) is the most common motor disability of childhood and is formally defined as “a group of permanent disorders of the development of movement and posture, causing activity limitation, that are attributed to non-progressive disturbances that occurred in the developing fetal or infant brain” (*Dev Med Child Neurol* 2007). Yet, we have shown ongoing variability in how we diagnose CP (*Pediatrics* 2021). We have demonstrated that neurologists and neurodevelopmentalists play an important role in CP diagnosis (*Neurology* 2020) and that the diagnostic views of people with CP differ from the views of these practitioners (*Dev Med Child Neurol* 2022). Parallel to this work, a recent CNS Open Forum Thread exemplifies the passion that our membership has in reaching a new consensus on a key question: “What is CP?”. Though previous symposia and seminar presentations at CNS have established that this question remains an open one and have provided didactic discussions on the topic, this year we propose addressing this question directly with involvement of the CNS membership – a gap highlighted by the Open Forum thread. The goal of our workshop is to use a group-think approach to determine the key uncertainties held by the CNS membership regarding the definition of CP. We have recruited renowned leaders in this field with academic, advocacy, and personal experience with CP. These leaders will

facilitate breakout sessions to discuss uncertainties regarding:

1. The meaning of “non-progressive” – Michael Shevell
2. The meaning of “developing fetal or infant brain” – Ann Tilton
3. Contributions of different etiologies to CP – Michael Krueer
4. The meaning of a CP diagnosis for community members and other stakeholders – Paul Gross

We will summarize the breakout group discussions at the end of the workshop to reach a new comprehensive consensus on what the CNS membership’s addressable concerns are regarding the current definition of CP.

LEARNING OBJECTIVES

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

1. Outline the current consensus definition of CP
2. List the key uncertainties regarding interpretation of the current consensus definition of CP

IMPACT STATEMENTS

This educational session will help attendees to identify changes they can make in their practices related to:

1. Conferring a CP diagnosis
2. Understanding the meaning of a CP diagnosis for the patients I treat and their caregivers

ORGANIZER

Bhooma Aravamuthan MD, DPhil
Washington University School of
Medicine, St. Louis, MO

The Meaning of “Non-progressive”

Michael Shevell, MDCM, FRCP, FCAHS
Montreal Children’s Hospital,
McGill University Montreal,
Quebec, Canada

The Meaning of “Developing Fetal or Infant Brain”

Ann Tilton, MD
LSU Health Sciences Center New
Orleans, New Orleans, LA

Contributions of Different Etiologies to CP

Michael Krueer, MD
Phoenix Children’s Hospital,
Phoenix, AZ

The Meaning of a CP Diagnosis for Community Members and Other Stakeholders

Paul Gross, BA
President, CEO & Co-Founder;
Cerebral Palsy Research Network,
Greenville, SC

12:30 PM – 1:45 PM

SEMINAR 2:

NEURODEVELOPMENTAL DISORDERS: NEUROLOGICAL AND NEURODEVELOPMENTAL CHALLENGES IN SICKLE CELL DISEASE: STROKE AND BEYOND

COURSE DESCRIPTION

Sickle cell disease is an inherited hematological disorder that affects millions of people globally. Despite sickle cell disease being one of the first genetic diseases discovered, many child neurologists and neurodevelopmental physicians are not aware of the heavy neurological burden of this disease and therapeutic options with neurological and developmental implications. While increased risk of stroke and stroke prevention recommendations are widely known, people living with sickle cell disease also have high rates of other neurological and neurodevelopmental complications, even in the absence of brain injury. We will describe

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the neurological complications, neuroimaging findings, and neurodevelopmental challenges in sickle cell disease across the lifespan. Our first speaker will discuss current research and guidelines with regards to stroke risk and prevention in children and adults with sickle cell disease, nationally and globally, as well as other neurological complications seen in this disorder, including seizures and headaches. Our second speaker will discuss current neuroimaging research exploring cerebral physiology, metabolism, and fMRI and new and existing sickle cell disease therapeutics and their impact on the brain in sickle cell disease. Our third speaker will discuss rates and features of neurodevelopmental disorders in sickle cell disease and current neurodevelopmental screening guidelines. Due to therapeutic advances in the last 50 years, more people with sickle cell disease are surviving into adolescence and adulthood. It is essential that child neurologists and neurodevelopmental physicians are aware of the neurological, neurocognitive, and neurodevelopmental complications of this common inherited disease as appropriate medical, developmental, and cognitive screening practices are essential to improving care and reducing health disparities for these patients across the lifespan.

LEARNING OBJECTIVES

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

1. Identify current guidelines and practice regarding management of stroke, headache, and seizures in sickle cell disease.
2. Discuss current research regarding neuroimaging in sickle cell disease.

3. Identify current guidelines and practice regarding recommendations for neurocognitive and developmental screening in sickle cell disease.

IMPACT STATEMENTS

This educational session will help attendees to identify changes they can make in their practices related to:

1. Care of children with sickle cell disease and stroke, seizures, and headaches.
2. Care of children with sickle cell disease and neurocognitive and/or developmental issues.

ORGANIZER

Eboni Lance, MD, PhD,
Kennedy Krieger Institute,
Baltimore, MD

Update on Neurological Complications of Sickle Cell Disease: Stroke Risk and Prevention, Headaches, and Seizures

Lori Jordan, MD, PhD
Vanderbilt University Medical Center,
Nashville, TN

Advanced Neuroimaging and New Therapeutics in Sickle Cell Disease

Melanie Fields, MD, MSCI
Washington University, St. Louis, MO

Neurodevelopmental Disorders and Developmental Screening in Sickle Cell Disease

Eboni Lance, MD, PhD

12:30 PM – 1:45 PM

SEMINAR 3:

NEURO-ONCOLOGY:

A CASE-BASED APPROACH TO ACUTE NEURO-TOXICITIES IN CHILDHOOD CANCER PATIENTS

COURSE DESCRIPTION

As new and effective treatments emerge, neurologists are increasingly called upon to recognize, evaluate, and treat acute and chronic neurologic toxicities of both traditional and newer therapies for childhood cancer and brain tumors. These therapies can include the newer targeted agents as well as immunotherapies that are used in a broad range of pediatric cancers. Emerging treatments are also used for treatment of complications associated with the tumor predisposition syndromes such as neurofibromatosis type 1 and tuberous sclerosis complex (TSC), both of which are disorders commonly managed by child neurologists. In this symposium, we offer an overview of the main acute neurological toxicities of medical treatments for childhood cancers, including traditional chemotherapy, targeted chemotherapies, and immunotherapies. We will use a case-based approach to discuss acute neuro-toxicities of traditional chemotherapy agents such as methotrexate, targeted agents such as MEK and mTOR inhibitors, and immunotherapies such as check-point inhibitors and CAR-T cell therapies. As use of these newer agents increases, there are increasing data available regarding the breadth of these toxicities as well as up-to-date management recommendations.

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FRIDAY | CONTINUED

LEARNING OBJECTIVES

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

1. Identify and treat acute toxicities of the treatments for nervous system tumors
2. Identify and treat the acute neurological toxicities of agents used to treat pediatric cancers.

IMPACT STATEMENTS

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

1. Targeted agents
2. The diagnosis and management of acute neurological toxicities of chemotherapy for childhood cancers.

ORGANIZER

Cynthia J. Campen, MD, MScE
Stanford University, Stanford, CA

MODERATOR

Sonia Partap, MD, MS
Stanford University & Lucile Packard
Children's Hospital, Palo Alto, CA

Traditional Chemotherapy Agents

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

Targeted Agents

Cynthia J. Campen, MD, MScE

Immunotherapy

Juliane Gust, MD PhD
Seattle Children's,
University of Washington, Seattle, WA

2:15 PM – 4:30 PM

SYMPOSIUM V: NEUROIMMUNOLOGY: ADVANCEMENTS IN PEDIATRIC NEUROIMMUNOLOGICAL DISEASES

COURSE DESCRIPTION

The field of neuroimmunology is changing rapidly both in the clinic and in research including in pediatric neuroimmunological disorders. This symposium will provide the latest diagnostic, evaluation, management, and treatment of pediatric neuroinflammatory disorders. Pediatric multiple sclerosis (MS), neuromyelitis optica spectrum disorder, anti-MOG antibody associated disease (MOGAD), transverse myelitis, acute flaccid myelitis (AFM), and autoimmune encephalitis will be discussed. Treatment of MS including recent clinical trials in pediatric MS will be highlighted. MOGAD is a recently described entity causing different neuroinflammatory phenotypes and recent international guidelines on MOGAD will be presented. Acute flaccid myelitis (AFM) can mimic and be mimicked by other inflammatory disorders, so features to distinguish AFM from other disorders will be described. Increased awareness of autoimmune encephalitis, such as anti-NMDA receptor autoimmune encephalitis (anti-NMDARE), is occurring with providers and in the community. Recent international consensus treatment guidelines for pediatric anti-NMDARE will be reviewed. Moreover, the presentations will address how neuroinflammatory disorders affect patients and their caregivers. The recent international consensus guidelines and research advancements for these diseases will be included to improve clinical implementation of these guidelines.

LEARNING OBJECTIVES

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

1. Describe characteristics and evaluation of different demyelinating and neuroinflammatory disorders in children
2. Discuss treatment and management of different neuroinflammatory diseases in children, including multiple sclerosis, neuromyelitis optica spectrum disorders, anti-MOG associated disorder, acute flaccid myelitis (AFM) and mimickers of AFM, and autoimmune encephalitis

IMPACT STATEMENTS

This educational session will help attendees to identify changes they can make in their practices related to:

1. Evaluation of a patient with suspected neuroinflammatory disease, including which ancillary tests are useful and interpretation of test results
2. Management of pediatric inflammatory diseases, including inpatient and outpatient evidence-based treatments, based upon recent research studies

ORGANIZER

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

Multiple Sclerosis and Neuromyelitis Optica Spectrum Disorders

Tanuja Chitnis, MD
Mass General Brigham,
Harvard Medical School, Boston, MA

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Myelin Oligodendrocyte Glycoprotein Associated Disorders

Giulia Fadda, MD
McGill University,
Montreal, Quebec, Canada

Acute Flaccid Myelitis and Mimickers

Teri Schreiner, MD MPH
Children's Hospital Colorado,
University of Colorado, Aurora, CO

Anti-NMDA Receptor Encephalitis and Other Autoimmune Encephalitis

Grace Gombolay, MD

**4:30 PM – 5:00 PM
CNS BUSINESS MEETING**

**5:00 PM – 6:30 PM
JUNIOR MEMBER SEMINARS**

**6:15 PM – 7:00 PM
SCIENTIFIC PROGRAM & PLANNING COMMITTEE MEETING**

**7:00 PM – 9:00 PM
CLOSING GALA**

**SATURDAY
October 15**

7:00 AM – 8:15 AM

**SEMINAR 4:
EDUCATION:
STUDYING WHAT MATTERS:
INCORPORATING PATIENTS AND
FAMILIES INTO PEDIATRIC
NEUROLOGY RESEARCH**

COURSE DESCRIPTION

Historically, patients and their families have primarily served as the subjects and beneficiaries of research in child neurology. It is increasingly clear that parents and patients should also play a key role in defining research priorities, study conception and design, data analysis and interpretation, and helping results reach a broad audience. Yet, questions remain about how to best include parents and patients in the research process. In this seminar, we will discuss how to practically involve parents in research. Our three speakers have first-hand experience in patient-centered research and dissemination. Betsy Pilon, Executive Director of Hope for HIE, will use her expertise to highlight the power of patient and caregiver advocacy groups in facilitating and disseminating research. Dr. Renee Shellhaas will share her experience working with diverse stakeholders, including her experience co-leading the PERF, PCORI, and NIH-funded studies of the Neonatal Seizure Registry. Dr. Adam Hartman, will share how to align proposals with funding priorities in patient-centered design. The session will conclude with a panel question and answer session, moderated by Dr. Monica Lemmon.

LEARNING OBJECTIVES

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

1. Outline key principles of patient-centered research
2. Identify ways to incorporate parents and advocacy groups into all aspects of research, including study design, protocol implementation, analysis, and results dissemination.

IMPACT STATEMENTS

This educational session will help attendees to identify changes they can make in their practices related to:

1. Identifying key principles of patient-engaged research design
2. Incorporating parents and advocacy groups into study design, protocol implementation, data analysis, and results dissemination

ORGANIZER

Monica Lemmon, MD
Duke University School of Medicine,
Durham, NC

The Power of Parents and Advocacy Groups

Betsy Pilon, Executive Director
Hope for HIE, West Bloomfield, MI

Incorporating Stakeholders into Study Design and Analysis: Lessons from the Neonatal Seizure Registry

Renée Shellhaas, MD, MS
Michigan Medicine, University of Michigan, Ann Arbor, MI

Aligning Proposals with Funding Priorities in Patient-centered Design

Adam L. Hartman, MD
NINDS, NIH, Rockville, MD

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SATURDAY | CONTINUED

7:00 AM – 8:15 AM

SEMINAR 5:

FETAL NEUROLOGY: ADVANCES IN FETAL NEUROLOGY: EMERGING IDEAS AND FUTURE LANDSCAPE

COURSE DESCRIPTION

Fetal neurology is a rapidly evolving field and continues to advance with more accurate prenatal diagnoses, and improvements in neuroimaging and genetic testing. Increasing number of fetal neurologic consultations across the US allows for earlier characterization of critical/sensitive periods of developmental neuroplasticity by identifying fetuses and neonates at risk for adverse outcomes and neurodevelopmental disabilities. Increasing numbers of fetal neurological disorders such as congenital brain malformations (disorders of cortical migration, agenesis of corpus callosum, posterior fossa malformations), genetic conditions, prenatal brain injuries (stroke, hemorrhage), or congenital infections are diagnosed in this critical/sensitive period. Timelier and more effective neurotherapeutic interventions can potentially be developed that prevent or mitigate disorders, lowering the burden of neurologic disorders across life span.

The Fetal Neurology Consortium was founded in 2020 and has identified several challenges faced by the interdisciplinary team of clinicians who must recognize and overcome diagnostic limitations while offering accurate and compassionate prenatal counseling and management guidance into postnatal years. This symposium is being submitted as part of efforts of the consortium to disseminate knowledge on advances in fetal neurology. The sessions will include presentations in the areas of advances and future scope of

fetal neuroimaging, neurogenetics and neurotherapeutics.

The course is designed for fetal-neonatal neurologists, child neurologists and trainees with special interest in the field of fetal and perinatal neurology, perinatology, and early origin of neurologic disorders.

LEARNING OBJECTIVES

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

1. Define advances in the field of fetal neurology focusing on neuroimaging and neurogenetics.
2. Identify emerging neurotherapeutics for prenatally diagnosed neurologic disorders.

IMPACT STATEMENTS

This educational session will help attendees to identify changes they can make in their practices related to:

1. Diagnostic work up for fetal neurologic disorders.
2. Complexities in prenatal counselling and management of fetal neurologic disorders.

ORGANIZER

Sonika Agarwal, MBBS, MD
Children's Hospital of Philadelphia, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA

Fetal Neurology Consortium and Registry Workgroup – Fetal Neurology Program Survey Results

Sonika Agarwal, MBBS, MD

Advances in Fetal Neurogenetics: Emerging Ideas and Future Landscape

Lisa Emrick, MD
Baylor College of Medicine, Houston, TX

Advances in Fetal Neuroimaging: Emerging Ideas and Future Landscape

Tomo Tarui, MD
Tufts Medical Center, Boston, MA

Advances in Fetal Neurotherapeutics and Interventions

David Neal Franz, MD
Cincinnati Children's Hospital/University of Cincinnati College of Medicine, Cincinnati, OH

Closing Remarks

Mark S. Scher, MD
Case Western Reserve University School of Medicine, Cleveland, OH

7:00 AM – 8:15 AM

SEMINAR 6:

DIVERSITY: DISABILITY IN CHILD NEUROLOGY: SOCIETY, MEDICINE AND THE PERSON

COURSE DESCRIPTION

Health care disparities are real and profound for people with disabilities. Just as racism plays an important role in perpetuating health care disparities, so does ableism. For example, a recent survey of physicians found that only 41% were very confident about their ability to provide the same quality of care to patients with disability (Iezzoni et al. 2021). As child neurologists, our intimate roles caring for disabled children make addressing ableism in our field an imperative. In this symposium, we will consider disability and ableism in the contexts of society, medicine and self/family. Appropriate language and frameworks for thinking about disability will be introduced. Participants will learn practical tools so that their child neurology practice can progress beyond disease management and include optimizing function and promoting

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inclusion in society as part of routine neurologic care.

Specifically, Dr. Kim will introduce our topic by defining ableism, providing examples, and introduce different models for framing disability. Dr. Christy will discuss ableism in medicine, including the historical evolution of the language we use to describe disability, and how ableism from physicians contributes to health disparities for disabled people (Lezzoni et al. 2021). Dr. Cejas will discuss personal/internal ableism: how disabled people holding these views about themselves impacts their health, and how physicians can help, as well as introducing tools that can help us think about an individual's function (International Classification of Funct...; Rosenbaum and Gorter 2012). Finally, Dr. Barber will offer discussions of two illustrative cases to highlight these various perspectives on disability and moderate a discussion among the audience and all speakers.

LEARNING OBJECTIVES

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

1. Recognize that ableism is omnipresent and identify ableism in society, in medicine, and in personal/family dynamics.
2. Begin the process of changing the culture of child neurology to decrease ableism and improve neurologic care for children with disabilities.

IMPACT STATEMENTS

This educational session will help attendees to identify changes they can make in their practices related to:

1. Using up-to-date, precise and respectful language when talking about disability with professional colleagues, patients, their families, and in society.

2. Moving beyond disease management for our patients to include optimizing function and promoting inclusion in society as part of routine neurologic care.

ORGANIZER

Danielle Guez Barber, MD PhD
Children's Hospital of Philadelphia,
Philadelphia, PA

An Introduction to Disability and Ableism

Young-Min Kim, MD
Loma Linda University Children's
Hospital, Loma Linda, CA

History of Ableism in Child Neurology

Alison Christy, MD, PhD
Providence Health and Services,
Portland, OR

Ableism and the Individual

Diana M. Cejas, MD, MPH
University of North Carolina at
Chapel Hill, Carolina Institute for
Developmental Disabilities,
Chapel Hill, NC

Panel Discussion, Q&A and Case Studies

MODERATOR

Danielle Guez Barber, MD PhD

- Diana M. Cejas
- Alison Christy, MD, PhD
- Young-Min Kim, MD

8:45 AM – 9:30 AM

HOWER AWARD LECTURE

Leon G. Epstein, MD
Ann & Robert Lurie H. Children's
Hospital of Chicago, Chicago, IL

9:45 AM – 12:00 PM

SYMPOSIUM VI: BEHAVIORAL NEUROLOGY: SPANNING THE DIVIDE: ANXIETY AND MOOD DISORDERS CO-OCCURRING WITH NEUROLOGIC DISORDERS

COURSE DESCRIPTION

Anxiety and mood disorders commonly co-occur with neurologic disorders of childhood. These psychiatric symptoms arise from shared neural circuits, often interact with neurologic symptoms, and can negatively impact quality of life in our patients. In this session, we will review the increased prevalence of mental health disorders in neurologic conditions and the role of Child Neurologists in recognizing and managing symptoms. We will discuss the shared neural mechanisms of movement, motivation, emotions and behavior. In addition, we will use movement disorders (tic disorders) and epilepsy (Tuberous Sclerosis) as models for how neurologic symptoms and psychiatric symptoms can coexist and impact each other. Finally, we will discuss the rising prevalence of anxiety and mood disorders in children and adolescents and the impact on child neurology patients. Given the high rates of co-occurring psychiatric conditions in neurologic disorders, it is important that we have the tools to recognize symptoms and understand how to approach management in our patients.

LEARNING OBJECTIVES

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

1. Understand the neurophysiology underlying the close relationship between neurologic disorders and psychiatric symptoms.

51st Annual Meeting of the CNS Scientific Program

Preliminary Program: Dates/Times Subject to Change

SATURDAY | CONTINUED

2. Understand the role of child neurologist in the care of patients with neurologic disorders and co-occurring psychiatric symptoms.

IMPACT STATEMENTS

This educational session will help attendees to identify changes they can make in their practices related to:

1. Identification of anxiety and mood disorders in youth with neurologic disorders
2. Understanding the relationship between psychiatric and neurologic symptoms in youth

ORGANIZER

Jennifer Vermilion, MD
University of Rochester, Rochester, NY

Overlapping Neural Circuits in Movement Disorders and Mood Disorders: Implications for Diagnosis and Treatment

Jonathan W. Mink, MD, PhD
University of Rochester, Rochester, NY

Tourette Syndrome: Bridging the Border between Neurology and Psychiatry

Jennifer Vermilion, MD

Tuberous Sclerosis Complex Associated Neuropsychiatric Disorders: Insights and Opportunities

Tanjala T. Gipson, MD
University of Tennessee Health Sciences Center, Memphis, TN

Understanding and Addressing Psychiatric Comorbidities in Child Neurology

Devin C. McNulty, PhD
Ann & Robert H. Lurie Children's Hospital, Northwestern University Feinberg School of Medicine, Chicago, IL

12:15 PM – 4:15 PM

CNS CLINICAL RESEARCH ANNUAL WORKSHOP 2022 – PEDIATRIC NEUROLOGY CLINICAL TRIALS – TRIAL DESIGN

COURSE DESCRIPTION

This course is a 4 hour clinical research workshop providing interactive training on specific research methodology topics to support clinical research engagement by all CNS members regardless of prior clinical research experience.

LEARNING OBJECTIVES

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

1. Have an understanding of different types of clinical trials including the strengths and weaknesses of each study type as it applies to their specific area of research
2. Support their clinical research by identifying correct statistical analysis methods and study design specific sources of funding.

IMPACT STATEMENTS

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

1. Initiate new clinical research projects.
2. Meaningful engage in existing clinical research projects.

ORGANIZER

Ariel Maia Lyons-Warren, MD, PhD
Baylor College of Medicine, Houston, TX

CO-ORGANIZERS

Josh Bonkowsky, MD, PhD
University of Utah School of Medicine, Primary Children's Hospital, Salt Lake City, UT

Janet Soul, MDCM, FRCPC
Boston Children's Hospital, Harvard Medical School, Boston Mass, Boston, MA

Angela Hewitt, MD, PhD
University of Rochester Medical Center, Rochester, NY

Daniel Calame, MD, PhD
Baylor College of Medicine, Houston, TX

Welcome

Ariel Maia Lyons-Warren, MD, PhD

Introduction to Clinical Research Study Design

TBD

Breakout Sessions

Finding the Right Grant for Your Clinical Research Study

Adam L. Hartman, MD

Statistics by Study Design: Selecting the Right Type of Analysis for your Clinical Research Study

Paul S. Horn, PhD
Cincinnati Children's Hospital Medical Center, Cincinnati, OH

Coffee Break & Networking

How to Get Involved in Multi-Site Clinical Research Trials

Darcy Krueger, MD PhD
Cincinnati Children's Hospital Medical Center, Cincinnati, OH

Q&A

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

12:15 PM – 4:15 PM
BIOMEDICAL WRITING WORKSHOP

COURSE DESCRIPTION

This interactive workshop for novice writers offers techniques to promote better manuscripts and enhance the likelihood of publication. Topics include avoiding writer's block, responding effectively to revision requests, and practical techniques to improve writing clarity. Numerous text examples illustrate practical ways to improve manuscript writing and organization skills, and the relaxed atmosphere promotes audience participation.

LEARNING OBJECTIVES

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

1. Recognize barriers to successful publication
2. Develop strategies for overcoming writer's block
3. Be able to more effectively revise manuscripts and respond to reviewers and editors

4. Understand the requirements for republication, use of patient materials and privacy concerns

IMPACT STATEMENTS

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

1. Publication of clinical and research articles that promote progress medicine by disseminating new ideas and information.
2. More efficiently planning and creating of manuscripts and interacting effectively with journal editors.

ORGANIZER AND PRESENTER

E. Steve Roach, MD
University of Texas Dell Medical School,
Austin, TX

Introduction:
Why Manuscripts are Rejected

E. Steve Roach, MD

Outwitting Writer's Block

E. Steve Roach, MD

Break

Revising Manuscripts & Responding to Reviews

E. Steve Roach, MD

Rules of the Road: Permissions, Consents, and Other Potholes

Phillip L. Pearl, MD
Boston Children's Hospital,
Boston, MA

Meet the Editors

- Yasmin Khakoo, MD, FAAN
Memorial Sloan Kettering Cancer
Center, Weill Cornell Medical
College, New York, NY
- E. Steve Roach, MD
- Phillip L. Pearl, MD

CINCINNATI NOTE OF INTEREST



National Underground Railroad Freedom Center

The National Underground Railroad Freedom Center is described as "a museum of conscience, an education center, a convener of dialogue, and a beacon of light for inclusive freedom around the globe." The museum is located in downtown Cincinnati, a short walk away from the CNS Meeting, on the banks of the Ohio River, the great natural barrier that separated the slave states of the South from the free states of the North.



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E. Steve Roach, MD
University of Texas at
Austin Dell Medical School



ACNS SENIOR
ASSOCIATE EDITOR

Phillip Pearl, MD
Boston Children's Hospital
and Harvard Medical
School

Annals of the Child Neurology Society

An Official Journal of the Child Neurology Society



Open Access

WILEY

New CNS Publication

**Announcing the CNS Clinical Research Journal,
*Annals of the Child Neurology Society***

BY BRUCE COHEN, MD

The Child Neurology Society has become much larger and more diverse in recent years, and we are excited to announce the founding of *Annals of the Child Neurology Society* (ACNS) as an official journal of the CNS. The aim of ACNS is to provide a venue for clinically-focused articles and Society business while maintaining the Society's relationship with *Annals of Neurology*, which focuses on more basic research. ACNS will be owned by the CNS but published via a contract with Wiley, much like the arrangement for *Annals of Neurology* between the American Neurological Association and Wiley. The ACNS and the ANA's *Annals of Clinical and Translational Neurology* will form an "Annals family" of journals.

ACNS will publish clinical research articles, case series, case reports, educational image vignettes, well-done QI-based articles, letters, and commentaries on medicine or societal factors that affect the care of children with neurological disease. Clinically relevant basic science articles are also encouraged. Manuscripts must undergo rigorous peer review and revision before acceptance.

We have created an outstanding team to launch ACNS, starting with Editor-In-Chief E. Steve Roach of the University of Texas at Austin Dell Medical School and Senior Associate Editor Phillip Pearl of Boston Children's Hospital and Harvard Medical School. Drs. Roach and Pearl have assembled an outstanding group

“Annals of the Child Neurology Society is arguably the most important venture for the CNS in many years, and the Society’s Executive Committee will provide strong support to ensure its success.... ACNS is your journal, so please support it any way that you can. Submit a manuscript, suggest review article topics, or agree to serve as a manuscript peer reviewer.”

BRUCE COHEN, MD
CNS PRESIDENT

of associate editors and an editorial board whose members have broad expertise in child neurology as well as in important areas such as neuroradiology and neurosurgery. The editorial board includes both well-known people and up-and-coming colleagues who represent the future of the profession. We also have editorial board representatives from Africa, South America, Asia, Europe, and the Middle East. For a list of the associate editors and editorial board members, see the website link below.

ACNS is arguably the most important venture for the CNS in many years, and the Society’s Executive Committee will provide strong support to ensure its success. ACNS is an open access journal, so while its articles are freely available to anyone with internet access, someone must pay the production costs that are funded by subscriptions and advertising in limited access journals. The Society will pay the fees for articles whose first author is a junior CNS member. They will ask that award lectures and Society-supported symposium presentations be followed by a companion manuscript for ACNS and

will pay the costs of these articles. Society members will receive a 20% discount on reviews and research articles. The journal can waive the fees for a limited number of articles each year, and Wiley waives the publication fees for accepted manuscripts from authors living in resource poor countries.

Inquiries about the suitability of articles or other queries should be directed to Dr. E. Steve Roach in Austin (roache@austin.utexas.edu) or to editorial assistant Christina Roth (AnnalsCNS@austin.utexas.edu). For information about manuscript submission, manuscript preparation or publication costs, please visit the ACNS website at <https://onlinelibrary.wiley.com/journal/28313267>.

ACNS is your journal, so please support it any way that you can. Submit a manuscript, suggest review article topics, or agree to serve as a manuscript peer reviewer (to become a reviewer, contact AnnalsCNS@austin.utexas.edu). We will no doubt experience challenges, and the journal will need time to grow and mature. But the Society needs a clinically focused journal, we will succeed. ●



Link to
ACNS website.

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WWW:

The What, Where and Why Behind the New CNS Website

BY ROGER LARSON, CAE

For CNS members of all ages and stages, nothing beats getting together at the CNS Annual Meeting each fall. It's like Thanksgiving, but without all the football and family drama, or a college reunion where everyone seems to remember your name (badges help). For many, that four-day ritual reaffirmation of who they are, what they know, what they do, who for, and why is reason enough to belong to the CNS. For others, something more is needed, something solid and serviceable that can be accessed through the span of four full seasons rather than four short days.

That's where websites come in. A website can't replace the face-to-face experience annual meetings uniquely provide, but it can amplify, extend and enrich a lot of what they offer. And more.

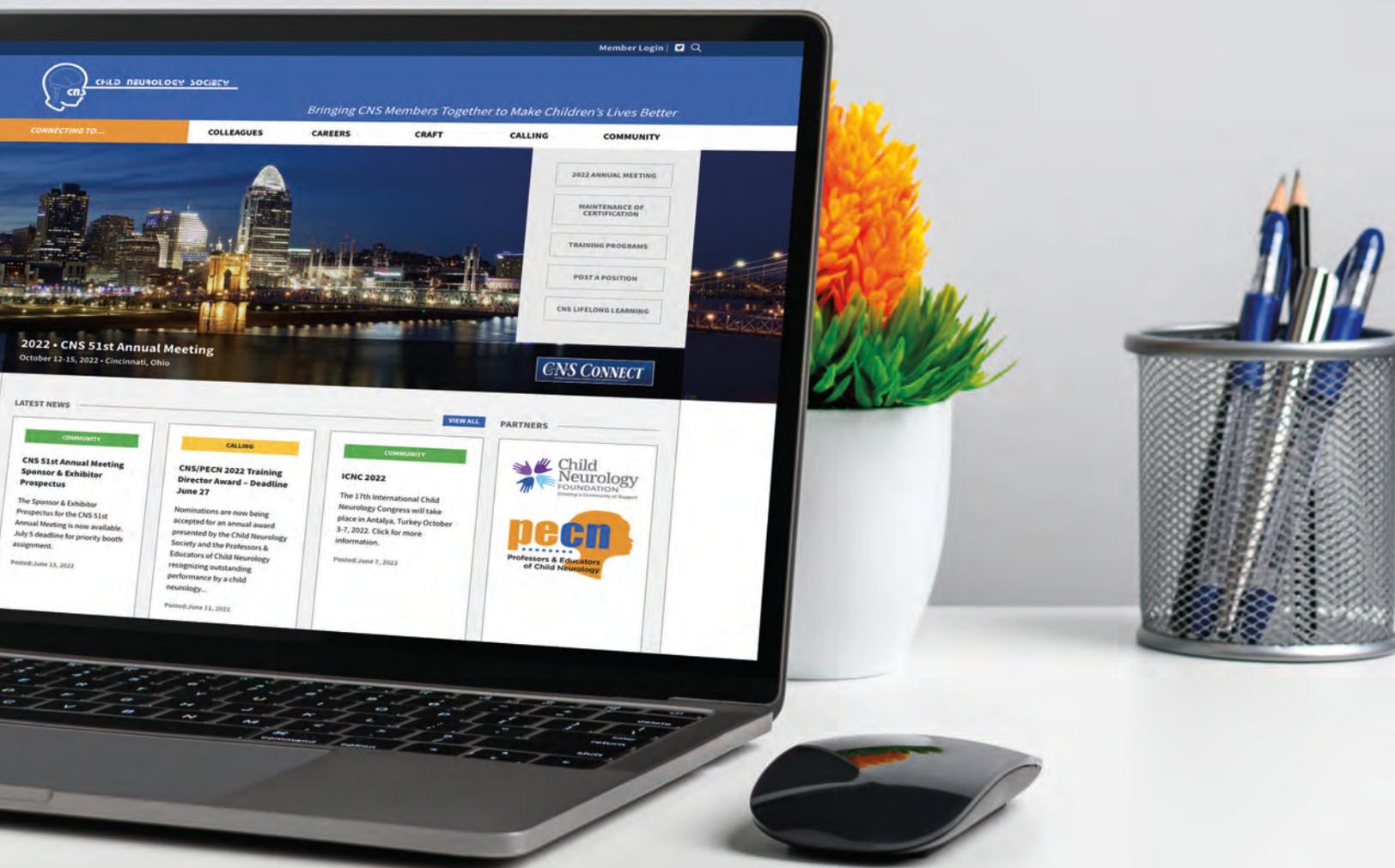
With their overlapping and concentric circles, and their radial lines running from the center to the periphery, webs (or websites) are perfect analogues for organizations – for *communities* – like the CNS. The motto, printed below our magazine masthead, **ConNectiOnS**, says it all: “Bringing CNS Members Together to Make Children’s Lives Better.” The CNS website is designed to support and express that mission. In addition to supplying a variety of tangible, measurable essentials – information, resources, and links – the website also serves to reinforce the essential, immeasurable intangibles that most people consciously or subconsciously crave: a vital sense of connection, continuity, and community.



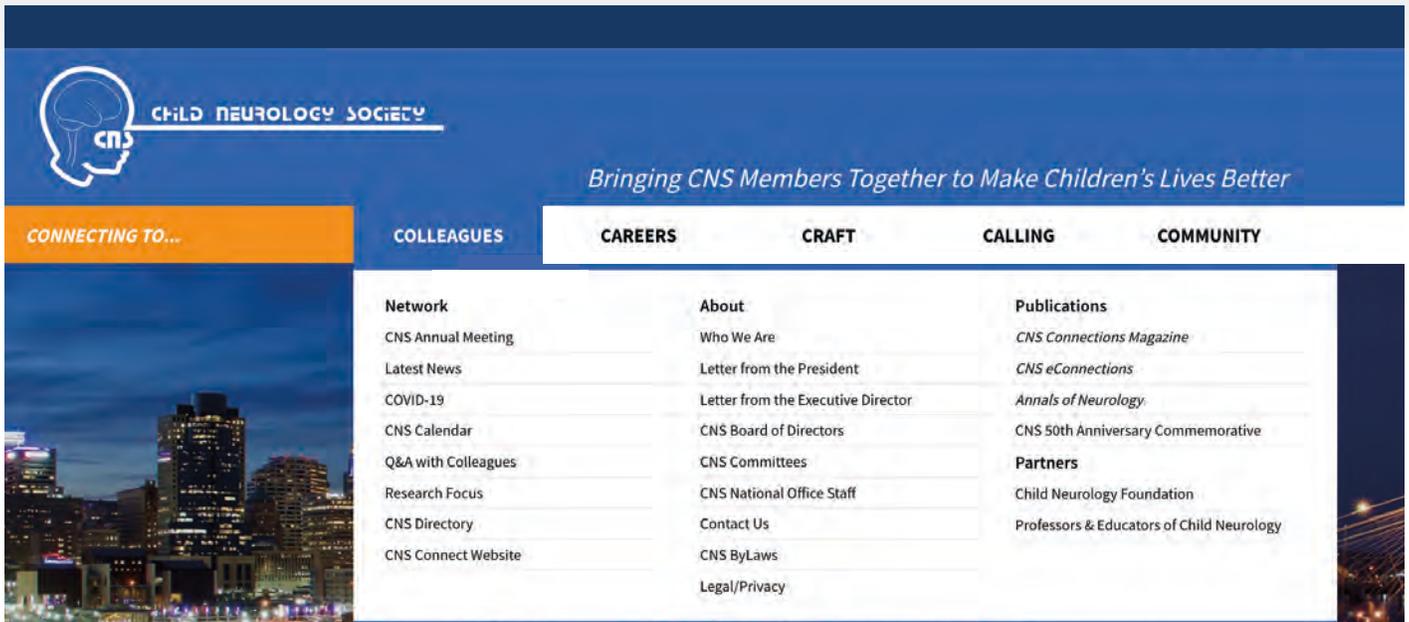
Directly below the masthead motto you'll see a navigation bar highlighting an active verb construct, "CONNECTING TO..." that links to the site's five sections: Colleagues, Careers, Craft, Calling, Community. You'll quickly note that all five sections begin with a word starting with the letter "C". That's no accident. It is, in fact, a hallmark of CNS culture, beginning with the laudable fact that unlike many organizations that declare their nationality before their mission (e.g., AAN, ANA, AES), the CNS puts a "C-word" – the "C-word: "Child" – first, before all

else. That speaks volumes about who we are, what we do, who we care for, and why.

While many might reflexively read the headers from left to right, associating each word or concept with a continuum or progression, maybe a better way of looking at it involves returning to the web analogue, which places "Colleagues" and "Community" on the web's outer perimeter, encircling "Careers," "Craft," and "Calling" within; "Craft" you will note, is positioned at the very center.



CONNECTING THRU COLLEAGUES, CAREERS, CRAFT, CALLING AND COMMUNITY



A plausible argument could be made for placing “Careers” first on the Navigation bar, particularly as it relates to medical students touring the site to get a sense of what a career in child neurology might involve and what initial steps might be taken in that direction. A better argument could be made, however,

for leading off with “Colleagues,” particularly if you eschew the linear/progression approach for a circular/web paradigm, with “Colleagues” and “Community” defining, supporting and embracing all else within.

The sub-header, “Network” goes to the heart of CNS identity. The first bulleted item,

“CNS Annual Meeting” is every CNS member’s real entre into the larger child neurology community beyond the inner circle of residents and attendings in one’s training program. The remaining bulleted items are like radial lines intersecting the concentric circles of the “membership web,” providing several possible pathways for prospective and new members to imaginatively envision themselves becoming an integral “I” in the overall “We” of colleagues and mentors for whom the Child Neurology Society is their professional home.



This section, as it grows in the coming months, will essentially be a combination maproom and toolshed app for med students, residents and early career child neurologists to log into for help charting their next step, or their next ten steps. Training program directors and coordinators will want to regularly check content to ensure their program's current information and links are compelling and accurate. Residents will want to

monitor grants and awards updates and research opportunities and will join Active Members in keeping an eye on new position postings, CME opportunities, and Maintenance of Certification resources.



TRAINING PROGRAMS

Legend: ● Easy ■ Intermediate ◆ Expert Level I ◆◆ Expert Level II ◆◆◆ Expert Level III

Case ID	Rating	Title
2022b	◆	A newborn boy with hypotonia, cerebral dysgenesis, and bilateral retinal detachments
2022a	●	A 5-year-old girl with abnormal movements and change in speech
2021e	●	An 8-month-old girl with a bilateral facial port wine birthmark and a new onset seizure
2021d	■	A 5-year-old boy with headache, fever, and seizures
2021c	●	An 8-year-old boy with speech arrest and facial twitching
2021b	■	A 9-day-old boy with new onset respiratory failure and hypotonia
2021a	■	A 6-month-old boy with paroxysmal eye movements
2017f	●	A 14-year-old girl with convulsions and arm jerks
2017e	■	A 9-week-old boy with new onset seizures
2017d	●	A 3-month-old girl with infantile spasms
2017c	●	A 16-year-old girl with intellectual disability and macrocephaly
2017b	■	A 4-year-old girl with a transient episode of altered mental status

CASE STUDIES

This is the heart of the CNS website: the pathway climbing upward from Career to Calling goes through “Craft.” Crafts-Persons are those who pursue excellence for the sake of excellence, those who seek mastery of technique beyond a moderate proficiency, a broadening of perception beyond settled or even imaginable horizons. The “Craft” section includes:

- **CNS Conversations**

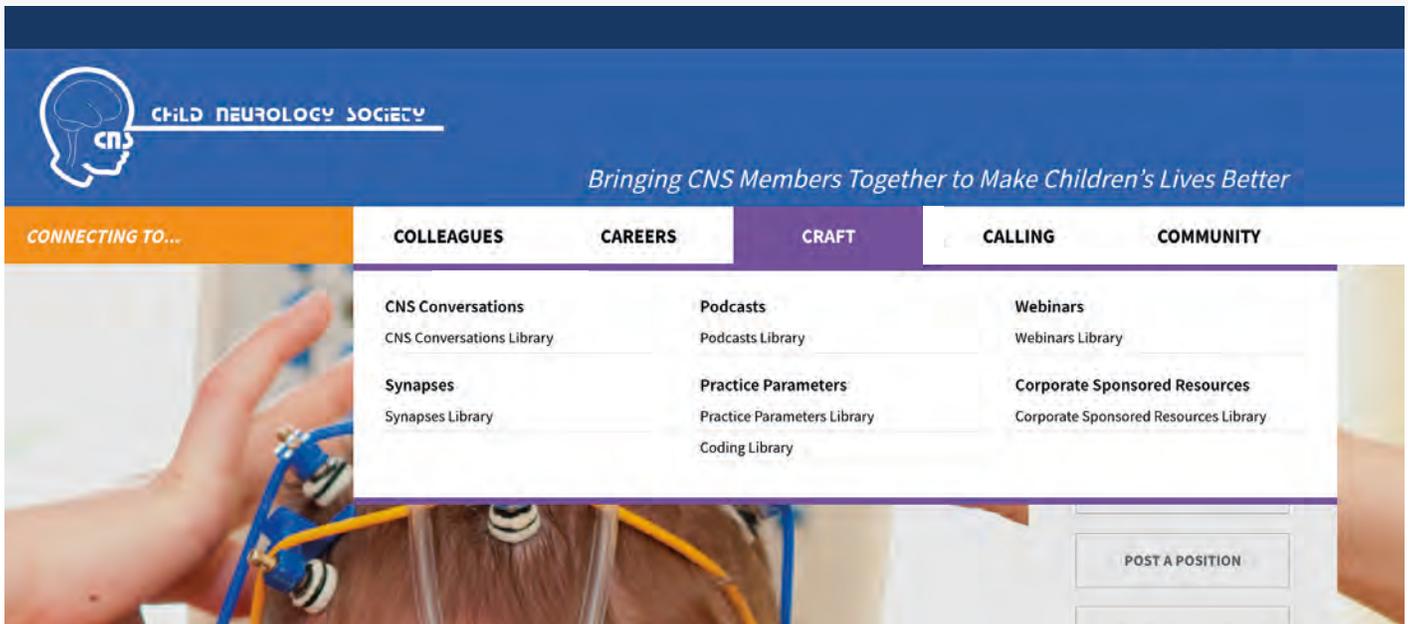
A treasure trove of videotaped conversations covering a broad spectrum of topics touched on by more than 150 child neurologists of all ages and stages of achievement and aspiration.

- **CNS Podcasts**

The pilot series, *Brainstorm: High Yield Facts for Physicians Short on Time* is produced by a subgroup of the CNS Electronic Communications Committee led by Kathryn Xixis, MD.

Designed for child neurology residents and attendings, using a Q&A format (5-8 questions) followed by a short discussion of what is new or exciting in a given area of interest, the library currently features 7 installments on topics ranging from “Pediatric Multiple Sclerosis” to “Pediatric Stroke,” “Functional Movement Disorders,” and “Tics, Tourettes, and Tik Tok Tic”; an additional 4-5 new entries are queued up and ready to roll in July.



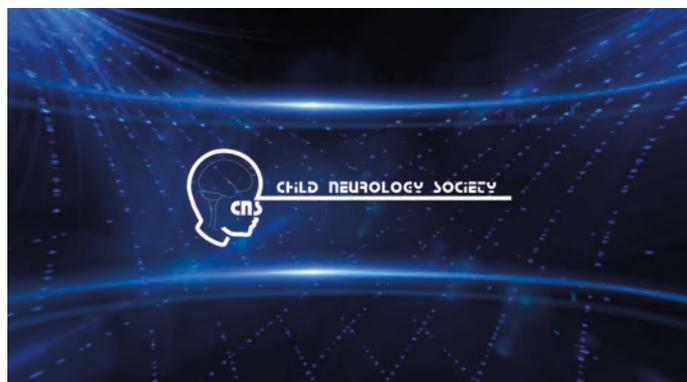


- **CNS Webinars**

Nine webinars captured from their original livestreamed presentation are available, with another 6 queued up through September. The Research Committee is planning a monthly live-streamed webinar series to be recorded and added to this section, and CNS Special Interest Groups are each expected to add one or more new live-streamed webinars annually to be available afterward for 24/7 member access. In August a library of select annual meeting seminars, symposia and awards lectures from the past 3-5 years will migrate from the external Lifelong Learning website to the Craft section.

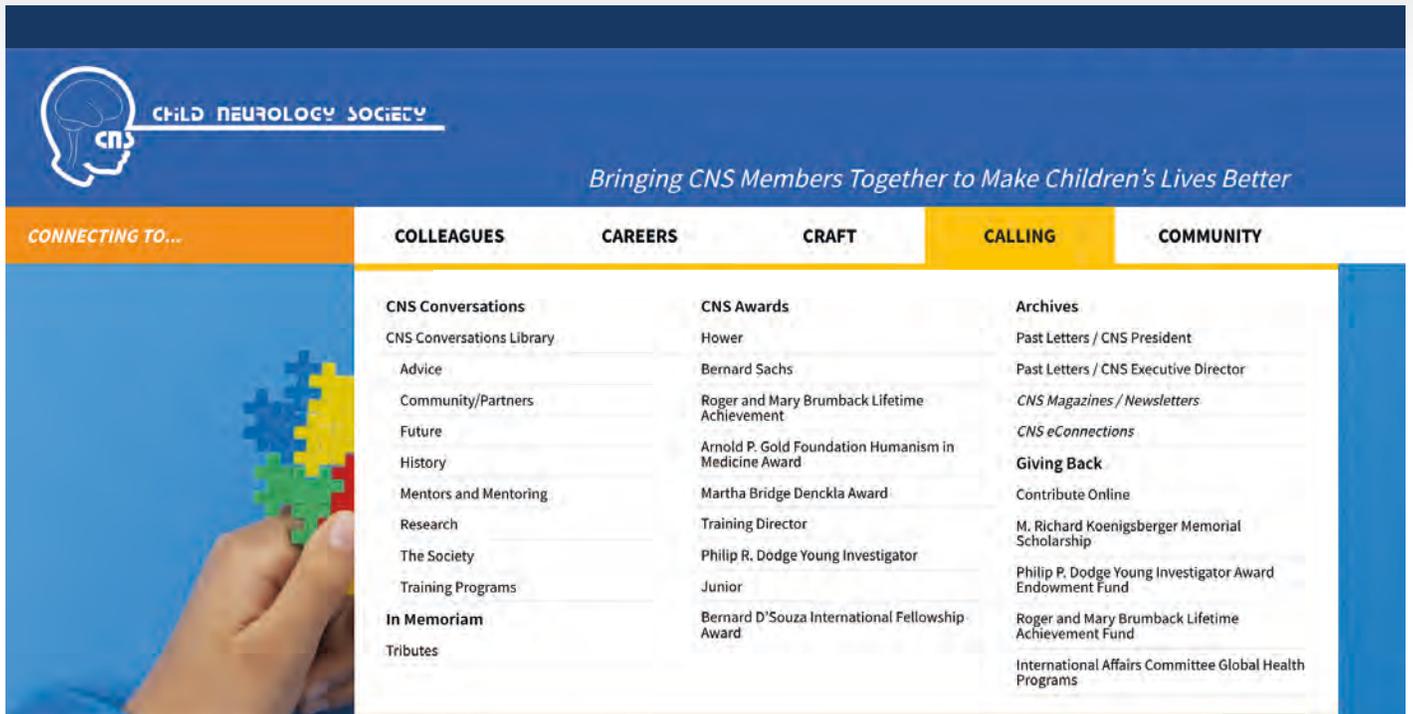
- **Coming Soon**

In addition to the current roster of practice parameters and a mini-coding library, a “living library” featuring an essential, regularly-updated rosters of linked web resources compiled by CNS Special Interest Groups will be available.



CNS WEBINARS

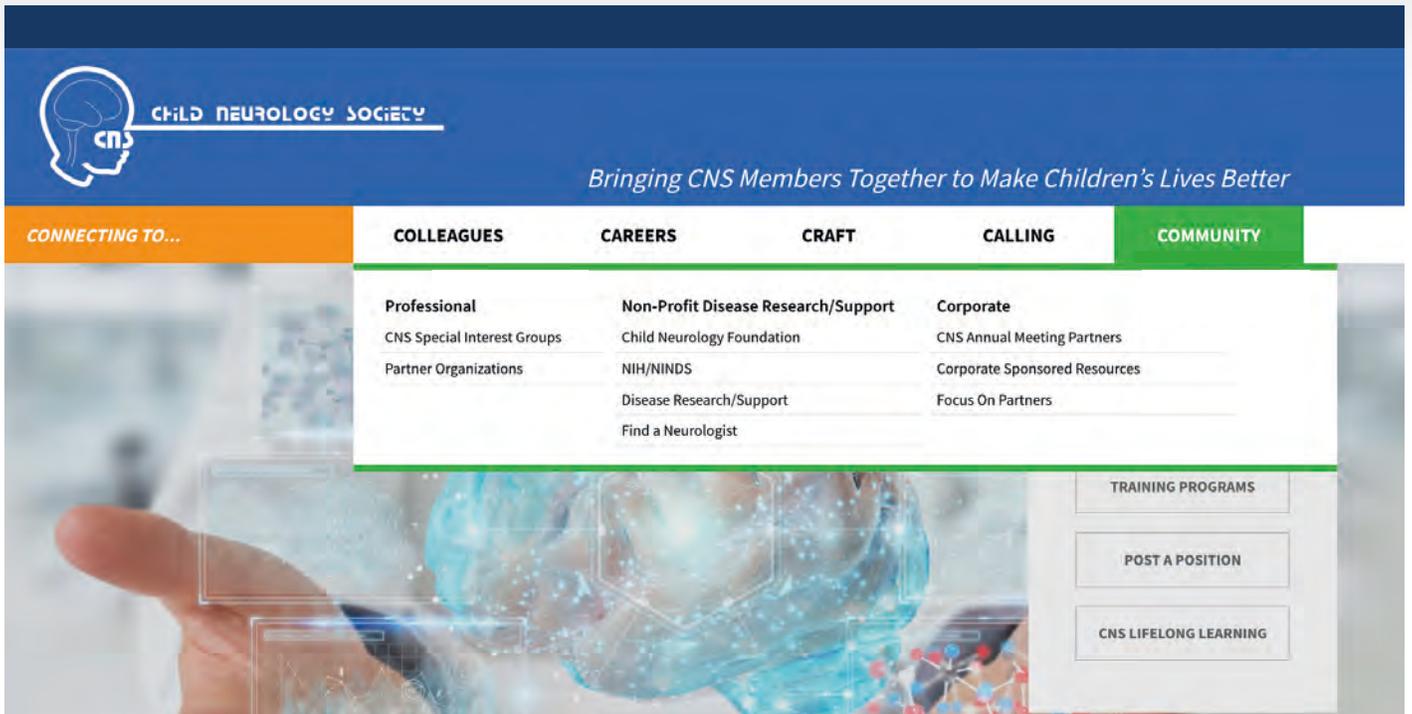
CALLING



An online Child Neurology Hall of Fame featuring archived CNS Award profiles and Letters from past CNS Presidents along with the full collection of CNS Conversations (featured as well in the Craft Section). This is place where exemplary careers are

seen in their entirety, revealing a discernible sense of calling among those dedicating their lives to the study, care and cure of neurological disorders in children. Aspiring physicians looking for a life full of meaning and purpose in medicine can find here the witness of notable lives passed near enough in time to measure oneself against, close enough in common roots to inspire relatable, yet still remarkable new lines of enquiry, approachable enough to solicit mentorship that will prove mutually beneficial. This is also the section where CNS members can both draw inspiration from those who have given them much, and give back themselves by contributing to one or more CNS funds that support the work done by young child neurologists in training or newly launched on the path from Career to Calling.





In her 2012 essay, "Imagination & Community: What Holds Us Together," the Pulitzer Prize-winning novelist and essayist, Marilyn Robinson wrote: "It is very much in the gift of the community to enrich individual lives, and it is in the gift of any individual to enlarge and enrich community." The progression that begins on the first day of a PGY3 resident's neurology training in the tightly drawn inner circle of the training program's residents and faculty, will

spiral outward in widening circles of like-minded colleagues and collaborators rooted in the many closely related sub-communities comprising the larger child neurology community: physicians, scientists, children and their families, disease support and research groups and foundations, pharmaceutical and device companies, and government-based research institutes. Members will find here a list of Special Interest Groups they may wish to join via the CNS Connect community website, or links to partner organizations and allies in the community they may wish to partner with on one or more projects of mutual need and interest.



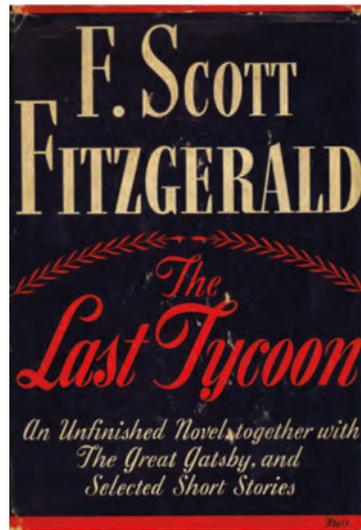
ENRICHED COMMUNITY





CNS CONNECTIONS
MANAGING EDITOR

Roger Larson, CAE
CNS Executive Director



1941 Book Cover of
The Last Tycoon

Letter from Executive Director

Second Acts

BY ROGER LARSON, CAE

One of the best known worst lines ever written by a renowned author is F. Scott Fitzgerald's risible assertion, "There are no second acts in American life." The line was first used in 1932, then used again (how's that for irony?) in *The Last Tycoon*, posthumously published in 1941. The odd thing about it is that, having grown up in St. Paul, a few miles east of where I live, Fitzgerald should have known better. Spring after all, is "the Mother of All Second Acts," a spiritual analogue of Rebirth and Renewal that follows Winter's long, cold meditation on Death and Darkness. And who would know that better, feel that more deeply in their blood and bones, than Minnesotans?

It's not just the season, Spring itself, that I'm talking about, with its piercing greens and riotous blooms announcing the onset of Act Two. There is all that goes with it: the perennial parade of sacred and secular rites and rituals from Passover, Easter and the Opening Day of Baseball Season to June weddings and the giddy relief, the parting hugs and tears and pompous rhetoric of high school and college commencement ceremonies. All those beautiful begowned youths eagerly – and oh, so innocently – crossing the threshold into....into what? Second Acts, of course!

My own life has been shadowed this Spring by too many final acts, too many

dimmed lights and premature curtain falls among friends and relatives near and dear to me. I desperately needed (still need) the hope that Second Acts can bring. Fortunately, some of the aforementioned rites and rituals were readily, if only vicariously, available. In addition to all the excitement surrounding the COVID-delayed wedding this weekend of CNS Office Manager, Kathy Pavel's daughter, four CNS members with whom I have worked most closely over time and whose friendship I value most highly attended their offspring's high school graduation ceremonies this month. After years of tracking their son's and daughters' exploits on the hockey rink, in the concert and recital hall, on cross country race courses and even at the Boston Marathon, I take great cheer and renewed hope thinking about each of them crossing this major threshold. I can't imagine how hard it must have been for those in the Class of 2022 – or their parents – to persevere and prevail against the unprecedented headwinds of the past few years.

One of the four recent grads will follow family tradition this fall by enrolling at Washington University in St. Louis; carrying with her a newfound passion for Edmund Spenser's 16th century classic, *The Fairy Queen*. Another will return to the familiar landscapes of her childhood,

driving south on I-95 in September to study at Georgetown. A third will move into a Middlebury dorm in Vermont, perhaps even the same dorm his parents occupied while prepping for MCATs last century. And a fourth will cross the continent to spend her first month of college at Stanford before flying to Cincinnati in October to receive the CNS Bhuwan Garg High School Neuroscience Award for work submitted



to the AAN Review Committee as a senior at the Bronx High School of Science.

The CNS has partnered with the AAN since 1998 in the High School Neuroscience Award Program; each year one of the awardees is chosen by the AAN committee to receive their award at the CNS Annual Meeting. In 2012, the CNS award was renamed in honor of Dr. Bhuwan Garg, the much beloved member from Indiana University who championed CNS involvement in this AAN program since its founding. Bhuwan passed away in early 2012, shortly after learning he was to receive the Lifetime Achievement Award at the 41st Annual CNS Meeting in Huntington Beach. That meeting was my first as Executive Director, having succeeded Mary Currey upon her retirement the previous winter. Following up on the 40th Annual Meeting in Savannah in



Vincent Shieh

2011, I dubbed the 2012 meeting “Where the Next 40 Years Begins.”

The 2012 High School Neuroscience Awardee was Vincent Shieh. Two things in particular are worth noting here:

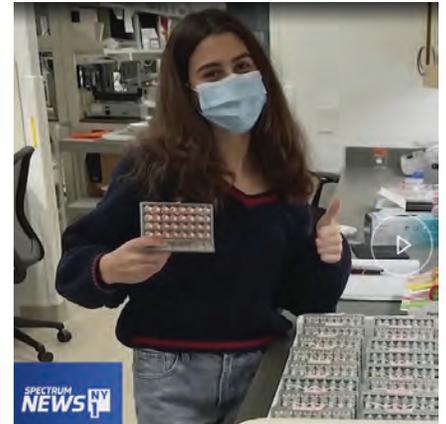
1. The young Mr. Shieh attended the Bronx High School of Science, and
2. Ten years later, the still young Dr. Shieh will begin his PG1 year in child neurology at Johns Hopkins, thereby becoming the first High School Neuroscience Awardee ever to enter a child neurology training program and become a CNS member.



8-year-old Aliya Fisher

As fate would have it, 8-year-old Aliya Fisher was at that meeting in Huntington Beach, having flown west with her mom, Dr. Yasmin Khakoo, while Hurricane Sandy worked its way up the East Coast. Ten years later, in

her senior year at the same Bronx High School of Science that Vincent Shieh attended, Aliya was chosen by the AAN review committee to receive the 2022 Bhuwan Garg High School Neuroscience Award at the CNS Annual Meeting this October in Cincinnati.



Aliya Fisher

I met Aliya for the first time in Huntington Beach when Yasmin asked if it would be OK if Aliya sat in on the Scientific Program Planning Committee meeting with her mom. (As the 2022 Program Committee Co-Chair, Yasmin won't need to ask for anyone's permission in Cincinnati unless, ever polite, she decides to run it by her Co-Chair, Bhooma Aravamuthan.)

When that 2012 Program Planning Committee meeting ended, Aliya quietly came up to me and put a \$5 bill in my hand to support the newly launched Philip R. Dodge Young Investigator Award Endowment Fund, thereby becoming the youngest contributor to that fund and now, ten years later, the only contributor to later receive the Bhuwan Garg High School Neuroscience Award. When I sent out acknowledgment letters to 2012 contributors the following January, I added a handwritten note to her letter prophesying a future when she might herself receive the Dodge Award. I encourage you to watch a great TV news feature on Aliya that aired last month in New York, ([click here to view video](#)) then decide whether you want to place bets on whether I might turn out



CHILD NEUROLOGY SOCIETY

1000 West County Road E
Suite 290
St. Paul, MN 55126

1 | 651.486.9447

1 | 651.486.9436

www.childneurologysociety.org

January 28, 2013

Aliya Fisher, MD
504 E. 63rd St
Apt 6P
New York, NY 10065

RE: Philip R. Dodge Young Investigator Award Endowment Fund

Dear Aliya:

On behalf of the Child Neurology Society (CNS), I would like to thank you for your generous contribution in 2012 of \$5 in support of the Philip R. Dodge Young Investigator Award Endowment Fund. Thanks to you and other CNS members contributing this past year, we were able once again to earn the Pediatric Epilepsy Research Foundation's \$50,000 matching grant.

In a letter addressed to CNS member on the eve of the Society's 41st Annual Meeting in Huntington Beach, Dodge Endowment Award fundraising chair, Dr. Darryl De Vivo, noted that for the field of child neurology to advance, it needed physician-scientists whose research met the present and future needs of all child neurologists in treating their patients and giving them and their families hope: "For this to happen (Phil) believed deeply that the physician-in-training must become familiar with the science as well as the art of medicine. He encouraged his earliest trainees to move back and forth from the bedside to the bench long before there were federal and non-federal training grants to support clinical neuroscience and before such terms as translational neuroscience became commonplace. Now, in a time of tightening budgets and diminishing research support, it is our responsibility as a Society to guarantee this legacy in perpetuity by endowing the Dodge Award."

As of January 1, 2013, we have collected just over 40 per cent of the original \$1,000,000 goal. Thanks to your continued generosity and, we hope, the added generosity of colleagues inspired by your example, we will meet that goal and fully endow the award within a few years.

Sincerely,

Roger B. Larson
Executive Director

Al: Joe -
I won't be around in 20 years when you win the Dodge Young Investigator Award, so let me congratulate you now and say "I know + from the moment she walked down the runway with her mom."
Roger

This letter will serve as your receipt for tax purposes and certifies that you did not receive any goods or in to the services in exchange for your donation. The Child Neurology Society's tax ID is 23-7359775. Scientific Program Committee Meeting with her mom.



Aliya Fisher

to be right. Better yet, instead of placing a bet, why not contribute to the Dodge Young Investigator Award Endowment Fund, maybe even taking Aliya's \$5 contribution in 2012 and multiplying it x10 in 2022?

Three final things to note:

The 2012 Philip R. Dodge Young Investigator Award was presented in Huntington Beach to Dr. Yoon Jae-Cho, who hailed from Stanford at the time – the same University Aliya will enter this fall as an undergraduate.

Joining Bhuwan Garg as the second Lifetime Achievement Award recipient



Leon Epstein, MD

in 2012 was M. Richard Koenigsberger. Sadly, Dr. Koenigsberger's health declined over the summer and he was unable to attend and receive the award in-person (he passed away the following winter). The tribute given in his honor at the meeting was delivered by his former trainee, Dr. Leon Epstein, this year's Hower Award Lecturer. Leon has donated his honorarium to support the M. Richard Koenigsberger Scholarship given each year to a resident submitting the best abstract in genetics, neonatal neurology, HIV or metabolic disorders.



Mary and Roger Brumback

Tragically, for reasons beyond reckoning, the 2012 Meeting was the last at which we enjoyed the buoyant pleasure of Roger and Mary Brumback's company. Their lives were cruelly taken months later, an incalculable loss we all still deeply grieve, honoring their

memory with presentation of the renamed Roger & Mary Brumback Lifetime Achievement Award. Each year 2-3 CNS members are chosen to receive the award from among nominations submitted by members on-line year-round. The 2022 recipients are Drs. Jeffrey Buchhalter and Michael Noetzel (presented posthumously), and...well, me.

On that last point, I offer this in closing: I am deeply grateful and honored to receive this award along with Jeff and Michael, as well as all those receiving it in the past. To receive this award 10 years after my first meeting as Executive Director (*"Where the Next 40 Years Begin"*), at what will be my last meeting after 40 years with the CNS, is a great honor. I don't know if what comes next for me, personally, could kindly or generously be called a Second Act, but as for the CNS, saying so somehow feels right. It is "both meet and proper," as Shakespeare might have put it, that my yet-to-be-identified successor will attend her/his/their first CNS Annual Meeting as Executive Director in Cincinnati, *"Where the Next 50 Years Begins"*.

Neither the Bard nor Fitzgerald would have dared put to paper an improbable story line like the one I outlined above, stretching from 2012 to 2022. (Dickens, no doubt, would have). But, as we have all come to know, all too well, Life is oftentimes stranger than Fiction.

So: "No Second Acts?" Nonsense. Come to Cincinnati this fall and see for yourself. Registration material will be posted at the end of this month, and on-line registration will open July 14 (Bastille Day, as those of you who still remember your high school History or French well know). ●



Link to
Letters from
the Executive
Director

COLLEAGUES

CNS INTERNATIONAL
AFFAIRS COMMITTEE

BY

Christina Briscoe Abath, MD

Aris Hadjinicolaou, MD

Danielle Friedman, NP

Irina Anselm, MD

Anna Minister, MD

Alex Paciorkowski, MD

Yuliya Snyder, MD

Alina Ivaniuk, MD

Olha Tychkivska, MD

Elaine Wirrell, MD

Svetlana Faktorovich, MD

Agnieszka Kielian, MD



International Affairs

Child Neurologists Unite for Ukraine

While the cameras have turned away and the public's interest is captured by other often disturbing events, the horrific war in Ukraine continues. Our neurology colleagues on the ground have reported firsthand accounts of horrors of war with violence, inhumane acts, and displacement inflicted on Ukrainian civilians. The war and displacement quickly created many unanticipated needs, including access to medications. Unfortunately, this has been felt disproportionately by individuals with neurologic diseases and disabilities, particularly children. In response, child neurologists across the U.S. have joined in collaboration with Ukrainian physicians to meet the urgent needs of patients in Ukraine.

As larger and comprehensive relief efforts continue to ramp up through large humanitarian organizations, our

grassroots group maintains an agile and low-cost response model to address needs as they arise. We continue to provide specific medications and supplies in response to most immediate needs for people with neurologic conditions. In addition, we are partnering with Hanger's Clinic, Revived Soldiers Ukraine, private companies, and clinicians across the US, to address needs identified by our partner physicians on the ground.

In this article we will take you through the story of how the *Ukraine Neurology Initiative* and the *Ukrainian Medical Relief Fund* formed and subsequently united, the results of our collective efforts, lessons learned, and how you can contribute.

The Ukraine Neurology Initiative (UNI): A Grassroots Collaboration Starts through Social Media

Within days after the Ukraine's invasion, Dr. Aris Hadjinicolaou received a text

message from a former colleague from his residency at Sick Kids Hospital, Dr. Olha Tychkivska; who is now a pediatric epileptologist in Ukraine. The Ukrainian League Against Epilepsy (ULAE) needed help drafting a call for aid for their patients due to very limited and inadequate supply of anti-seizure medications. Dr. Hadjinicolaou, Dr. Agnieszka Kielian, and Dr. Christina Briscoe Abath then distributed this letter on social media. It was met with an outpouring of support from both adult and pediatric neurologists.

Through the *Young Epilepsy Section of the International League Against Epilepsy (yesILAE)*, Drs. Kielian, Briscoe Abath and Hadjinicolaou met with Dr. Alina Ivaniuk. Together, they developed and translated a resource guide for people with epilepsy for distribution by Dr. Tychkivska; this was additionally reviewed for content by Dr. Phillip Pearl (past president of the Child Neurology Society). This guide is now available on the ILAE website: <https://www.ilae.org/patient-care/crisis-response/advice-for-people-with-epilepsy-in-crisis-situations>

Shortly thereafter, Dr. Svetlana Faktorovich began to purchase and ship medications identified by Dr. Tychkivska as needed to Lviv via Neurosphaera, an epilepsy clinic in Poland identified as a trusted partner by the ULAE. Dr. Yuliya Snyder and Dr. Alex Paciorkowski also formed a GoFundMe to purchase and ship medications and supplies. Their efforts are further detailed in the section below, *Ukraine Medical Relief Fund*.

Given our collaboration with Dr. Tychkivska and her colleagues from the ULAE, we were able to target medications in low supply and very specialized, crucial, but hard to acquire and distribute. Initial shipments of small boxes from the U.S. through Poland were successfully arriving in Lviv for distribution by our colleagues by early March. However, shipments through DHL and UPS to Poland were expensive, costing nearly half of the value of medications. Sometimes, shipments of much needed medications were delayed when boxes were held in the Polish customs.



Boxes of medications and supplies arriving in Ukraine.

Together, we began to look for a more effective conduit.

Partnership with Brother's Brother Foundation

In early April, Danielle Friedman PNP introduced our group, who we had begun to call the *Ukraine Neurology Initiative*, to a Pittsburgh-based 501(c)3 nonprofit, Brother's Brother Foundation (BBF). The organization was founded in 1958 to provide vaccinations to underserved communities around the world. Today, their aim is to bridge the gap between aid and build sustainability by supporting local programs and communities by providing essential resources in the areas of Healthcare, Infrastructure, Disaster Response, and Education. BBF does this through donations of medications, medical equipment and supplies, as well as medical-surgical mission trips.

When we met with BBF, it was clear they already had a well-established infrastructure. In fact, they had already shipped multiple pallets of medications to the Ukrainian Ministry of Health. Moreover, BBF's President Ozzy Samad,

and his team immediately demonstrated an understanding of the importance of access to neurology medications.

Since then, we have collectively raised \$186,000 (as of 6/1/22), of which about \$70,000-worth of medications and supplies have already arrived in Lviv. Our efforts are also supported by various companies including the ROW Foundation, Upsher-Smith, Liva Nova, and TeleEEG, who have donated medications, VNS programming tablet and wand, and EEG machine.

As the local needs evolve, so has our response effort. In addition to the antiseizure medications, we are now delivering other neurologic medications and addressing disability needs of patients with stroke, Parkinson's disease, and people with physical disabilities. We are collaborating with Ukrainian physicians on the ground and many organizations (Hangers Clinic, Revived Soldiers of Ukraine) to respond to immediate needs, such as capacity building for acute management of behavioral crises in autism spectrum disorder, mental health needs,



Ukrainian physicians with supplies after arrival.

headache, and prosthetics for children with physical disabilities.

The Ukraine Medical Relief Fund (UMRF)

Dr. Yuliya Snyder, a child neurologist in Rochester, NY, completed her medical training in Kharkiv, Ukraine. At the start of Russia's invasion in February, she was in close contact with pediatric and child neurology colleagues in the Kharkiv area, as well as in other cities in Ukraine. It rapidly became clear that

“Child neurologists across the U.S. have joined in collaboration with Ukrainian physicians to meet the urgent needs of patients in Ukraine.”

Ukraine's medical infrastructure was suffering enormous damage, and many patients were not only going without anti-seizure medications but also basic things such as ibuprofen and other common meds. Together with another Rochester child neurologist, Dr. Alex Paciorkowski, she organized the Ukraine Medical Relief Fund, which is a not-for-

profit under the Rochester Regional Health Foundations.

Since March 2022 this fund has raised over \$30,000 and shipped some 1500 lbs of medical supplies directly to several hospitals in Ukraine, including the most recent shipment of 500 lbs of anti-seizure medications destined for child neurologist Dr. Vladlena Salikova at the 5th Children's Neurologic Hospital in Kharkiv. They have also shipped anti-seizure medications to Lviv child neurologist Dr. Tetyana Nehrych, as well as general pediatric prescription medications and over-the-counter medications to children's clinics in Kharkiv. In collaboration with the medical supply non-profit InterVol (<https://www.intervol.org/>) they have shipped wound care supplies to a trauma hospital in Kharkiv, and were involved in the delivery of several ambulances shipped from Rochester NY to hospitals in Ukraine by RocMaidan (<https://www.rocmaidan.org/>).

The UMRF is partnered with an NGO called *Future For Ukraine Foundation* (<https://ffu.foundation/en>). *Future For Ukraine Foundation* has offices in Poland and Ukraine, as well as an extensive logistics network in both countries. Working with them gives the ability to send funds directly for the purchase

of medications and hospital supplies in Poland. FFU Foundation can then distribute the meds/supplies directly into Ukraine using their networks.

Details about this project are available on their website: <https://www.rocukrainemedrelief.net/> The colleagues and patients at hospitals who have received supplies and medications and supplies are simply grateful for the support they are getting (as can be seen in videos on Ukraine Medical Relief Fund's YouTube channel: <https://www.youtube.com/channel/UC4bf1jOqjUteNyBVIREUOwA>).

Meeting of the Waters: Collaborations between UNI, UMRF, and BBF

In April, Dr. Briscoe Abath (UNI) saw a social media post by Dr. Snyder (UMRF). Within a few messages, they realized they were working towards similar goals. Since then, the two groups have collaborated sharing information about needs, contacts, goals, and shipping logistics through a WhatsApp group and weekly meetings.

This has allowed the grassroots group to target different regions and needs of Ukraine. For example, taking advantage of timing of a BBF shipment with UNI, UMRF shipped antibiotics via BBF to the Regional Hospital of Cherkasy, to meet critical care needs for patients with war-related injuries at that hospital. UMRF, UNI, the FFU Foundation, and BBF are all collaborating to support the creation of a national rehabilitation center in Lviv to provide comprehensive rehabilitative care for victims of Russia's war of aggression.

Lessons Learned and Future Consideration of Global Equity

Of course, this grassroots effort is a compliment to the sustainable, extraordinary and ongoing work done by organizations like the World Health Organization, Doctors Without Borders, and the International League Against Epilepsy. However, it is important to note that these larger organizations are unable to meet all needs for pediatric and neurology patients in Ukraine



Hand-written cards our donors sent to the Children's Neurological Hospital No 5 in Kharkiv.

based on our ongoing communications with colleagues on the ground (June 2022). Due to our on-the-ground connections in Ukraine, we strive to fill that gap.

Some Lessons Learned have Included:

- The efforts of the grassroots collaborations can be an effective and low-cost complement to large humanitarian organizations to quickly address emergent needs for subspecialty care such as child neurology.
- Relationships with local colleagues are crucial to identifying needs and confirming appropriate receipt and distribution of subspecialty, high-cost medications. This supports the need for international training programs and relationships in both high and low-and-middle income countries.
- Building partnerships with effective and motivated non-profit organizations with logistic knowledge and support dramatically improves the effectiveness of grassroots efforts.

As many have correctly pointed out, the humanitarian response to Ukraine has been dramatically more robust than that for other nations. In our case, our close relationships with Drs. Tychkivska, Nehrych, and Salikov were both a predominant motivator and the reason why our grassroots collaboration was effective. We hope that this effort will serve both as a roadmap for future efforts and as a new moral standard for how child neurologists can respond to humanitarian crises in the future. ●

How can I get involved?



Donate to the Ukraine Neurology Initiative/BBF:

<https://brothersbrother.org/donate>

100% of proceeds go directly to purchase of neurologic medications and other medical equipment identified as urgently needed by our partners in Ukraine.



Donate to the Ukraine Medical Relief Fund

<https://www.justgiving.com/fundraising/ukrainemedrelief?>

100% of proceeds go to the purchase of neurology as well as other specialty medicines and supplies for hospitals in Ukraine. We are developing a rapid response network where hospitals in need of critical supplies can have those needs met by our donors through our relationship with the FFU Foundation.

Help identify vigabatrin manufacturers:

We continue to have challenges with acquisition of vigabatrin as in the US there is a REMS requirement and appreciate connections to manufacturers or companies from which we could purchase these medications either in North America or Europe.

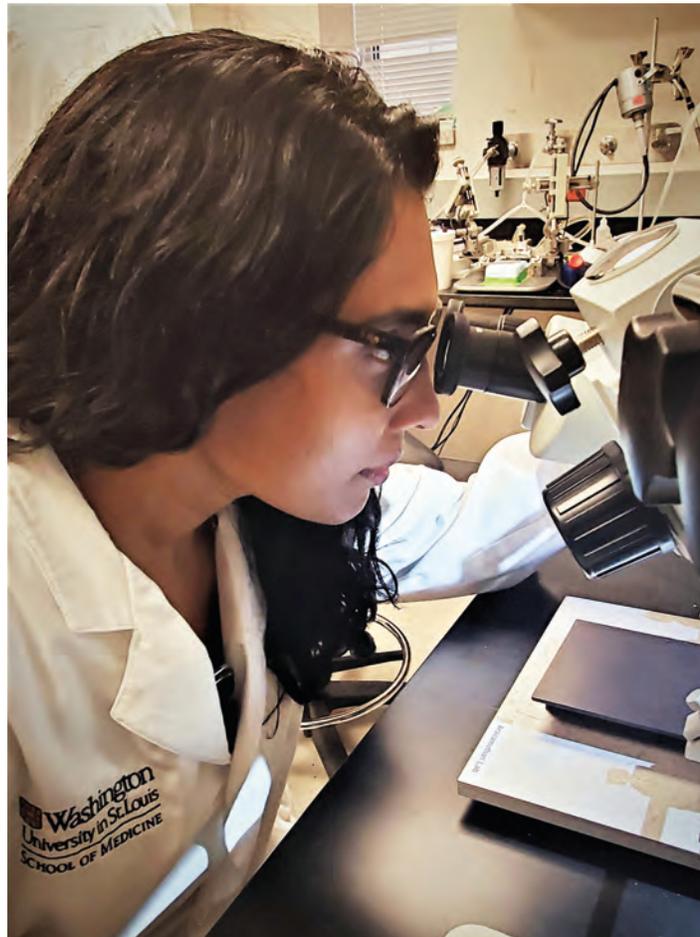
Spread the word through social media:

Finally, spreading our message through social media platforms has been an integral part of the grassroots response from our group, from the initial call to action from the *Ukrainian League Against Epilepsy* to the ongoing connections we have been able to make with different institutions. This is an important (and free) way to help.



CNS CONNECTIONS
EDITOR

Daniel J. Bonthius, MD, PhD
Medical Director,
Pediatric Neurology
Levine Children's Hospital



Dr. Bhooma Aravamuthan at her microscope, investigating the effects of hypoxia on a mouse brain tissue section.

Research Focus

Uncovering the Mysteries of Dystonia

BY DANIEL J. BONTHIUS, MD, PHD, CNS CONNECTIONS EDITOR

Dystonia is one of the great mysteries of child neurology. While it is the most common movement disorder that accompanies cerebral palsy, and while cerebral palsy is one of the most common chronic conditions that afflicts children, very little is known about dystonia. Why dystonia arises in some children with cerebral palsy but not in others, what factors underlie its pathophysiology, and how it can be effectively treated are all questions that are shrouded in mystery. Dr. Bhooma Aravamuthan aims to shed light on the darkness surrounding dystonia in cerebral palsy.

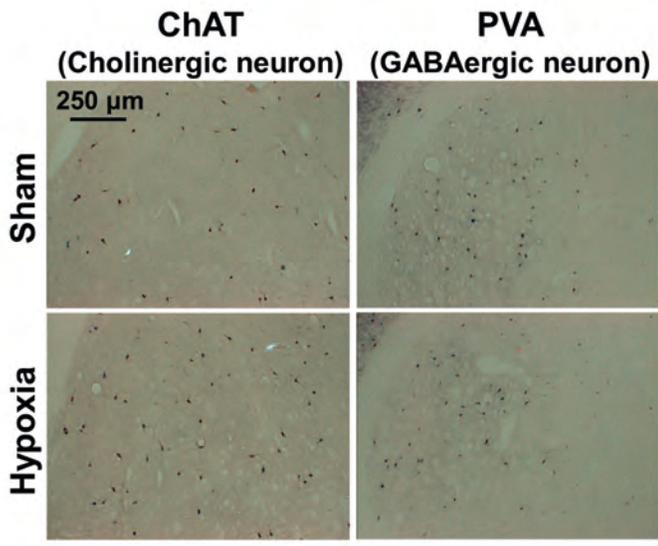
An Assistant Professor of Neurology in the Division of Child Neurology at Washington University in St. Louis, Dr. Aravamuthan has the ultimate goal of curing dystonia and cerebral palsy.

Knowing that this is a lofty goal, she is approaching it in a step-wise fashion. As a first step, she is seeking to improve the diagnosis of dystonia, both clinically and in animal models of the disorder. Utilizing a combination of methodologies, including EMG/NCV, thematic analysis of expert diagnostic discussions, and quantitative motion tracking with machine learning algorithms, she has developed methods for objective dystonia identification¹.

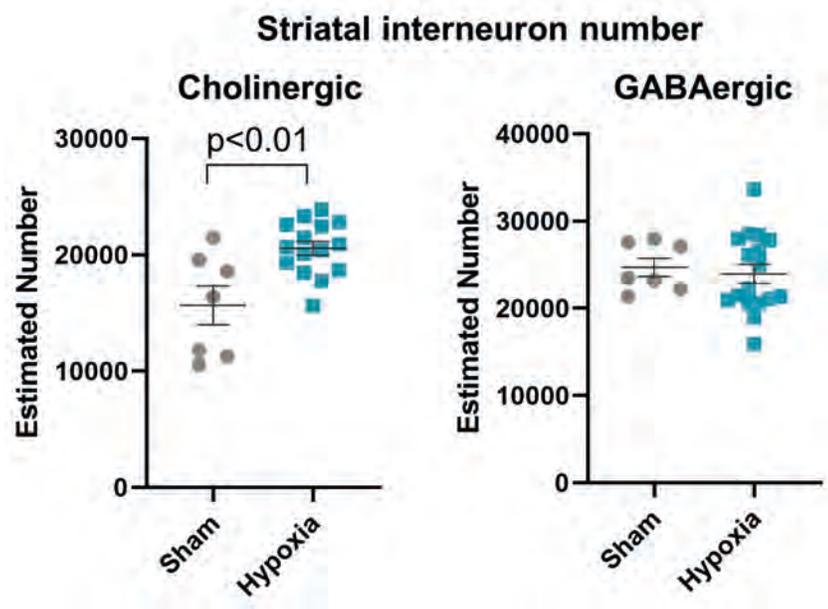
Dr. Aravamuthan is also utilizing animal models to investigate the mechanisms by which dystonia arises following neonatal brain injury. She hypothesizes that cholinergic interneurons within the basal ganglia play a central role in the pathogenesis of dystonia following neonatal hypoxia. In particular, she hypothesizes that excessive cholinergic interneuron excitation



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Histology (left) and cell number data (below) showing that hypoxia in neonatal mice selectively increases the density of cholinergic interneurons within the striatum. From *Neurobiology of Disease* 2020; 144:105045.



over chronic periods of time yields dystonia. Supporting this hypothesis, she has found that the density of cholinergic interneurons within the striatum is substantially increased in a mouse model of perinatal hypoxia².

Using state-of-the-art techniques, including chemogenetics, optogenetics, and quantitative video motion analysis, Dr. Aravamuthan is exploring ways to selectively increase or decrease cholinergic interneuron activity during specified developmental windows of time to

modulate the onset and degree and dystonia. If her hypotheses prove correct, then her work could pave the way toward new and effective treatments for the elusive disorder that is dystonia.

1. Aravamuthan BR, et al. Gait features of dystonia in cerebral palsy. *Dev Med Child Neurol* 2021; 63: 748-754.
2. Grandham S, et al. Striatal cholinergic interneuron numbers are increased in a rodent model of dystonic cerebral palsy. *Neurobiol Dis* 2020; 144:105045. ●

Congratulations!

Congratulations to Dr. Aravamuthan for her recent selection by the CNS Awards Committee as the 2022 Philip R. Dodge Young Investigator Award recipient (months after this Research Focus was written). Bhooma becomes the 6th Young Investigator Award recipient from Washington University in St. Louis, joining: Scott Pomeroy (1989) Kelvin Yamada (1992) Jeffrey Neil (1993) Bradley Schlaggar (2003) Christopher Smyser (2014)

Bhooma also serves as Co-Chair, with Yasmin Khakoo, of the CNS Scientific Program Planning Committee responsible for the upcoming meeting in Cincinnati.

EDITOR'S NOTES:

Bhoma Aravamuthan is a delightful and engaging person. However, within minutes of chatting with her, one realizes that she also possesses a keen intellect and an unwavering ambition to help children with cerebral palsy. Bhooma is also committed to the virtues of diversity in the workplace. Her lab website contains a statement endorsing inclusion, and she seeks to develop a lab of diverse ideas from diverse people.



CNS CONNECTIONS
EDITOR

Daniel J. Bonthius, MD, PhD
Medical Director,
Pediatric Neurology
Levine Children's Hospital



Child Neurology Synapses

Food for Thought: A Medical Food for Epilepsy

BY DANIEL J. BONTIUS, MD, PHD, CNS CONNECTIONS EDITOR

K. Vita: a feasibility study of a blend of medium chain triglycerides to manage drug-resistant epilepsy. Schoeler NE, et al. Brain Communications 2021; 1-13.

What the researchers did:

The ketogenic diet, which is a high-fat, low-carbohydrate diet, is an effective tool for improving seizures in some patients with medically refractory or genetically-driven epilepsy. However, many patients cannot tolerate the ketogenic diet, cannot comply with its stringent requirements, or do not have sufficient access to dietitians or neurologists to allow the diet to succeed. For these reasons, a medical food that mimics some important aspects of the ketogenic diet might be advantageous. The ketogenic diet's mechanism of

action is thought to depend on ketone production. However, seizure reduction is not correlated with ketone levels. Thus, the ketogenic diet's mechanism of action may depend more on the presence of fatty acids than it does on ketosis. It logically follows that administration of a diet high in fatty acids may lead to seizure improvement, even in the absence of ketosis. Decanoic acid (C10) is a medium chain triglyceride that can cross the blood brain barrier, where it decreases excitatory neurotransmission and network excitability *in vitro* and increases seizure threshold in mouse models of epilepsy. These effects of decanoic acid are potentiated by octanoic acid (C8), which decreases the oxidation of C10. K. Vita is a mixture of medium chain triglycerides that contains C10 and



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C8 (80:20). The possibility arises that K. Vita could be used as a medical food to control seizures in situations where the ketogenic diet is not tolerated or is unavailable. In this prospective open-label feasibility study, Dr. Natasha Schoeler and co-investigators evaluated the acceptability, tolerability, and compliance of dietary intervention with K. Vita. The investigators also examined reduction in seizures, as a secondary outcome.

What the researchers found:

K. Vita was given daily as a food supplement to 61 patients (35 children aged 3-18 years and 26 adults). The children had Dravet syndrome or another genetic form of epilepsy, while most of the adults had focal epilepsy. The liquid supplement was introduced gradually, and the patients were instructed to exclude highly refined sugary foods and beverages. The K. Vita was well tolerated by both children and adults. More than two-thirds of all participants completed the study. The most common side effects were gastrointestinal (bloating and constipation), most of which were mild and decreased over time. More than three-quarters of the participants found the supplement highly acceptable, reporting that it had a good flavor, appearance, and texture. Most participants agreed that the supplement was easy to take. Thus, the results demonstrated that this mixture of medium chain triglycerides was acceptable and tolerable and that the great majority of patients could comply with its administration. In addition, the study suggested that K. Vita can effectively reduce seizures. Only a small portion of the participants became ketotic, but 44% of the patients had a 50% or greater reduction in seizures. Furthermore, the reduction in seizures



correlated significantly with blood concentrations of medium chain fatty acids (C10 and C8). Thus, although the study was not designed primarily to examine the efficacy of K. Vita against seizures, the results suggest that the supplement does substantially improve seizures in children and adults.

What the research means:

Let's face it. The ketogenic diet can be very effective at reducing seizures, but it has many obnoxious

aspects associated with it. It is highly unpalatable, difficult to maintain, and complicated to calculate. In addition, it causes kidney stones, high cholesterol, constipation, slowed growth, and bone fractures. A diet that provides similar seizure control while avoiding the pitfalls of the ketogenic diet would constitute a major improvement. This study suggests that a medical food consisting of medium chain triglycerides can be acceptable to the palate while also exerting epilepsy control. ●

Child Neurology Synapses

A Coordinated Move Toward Improvement of Friedreich Ataxia

BY DANIEL J. BONTHIUS, MD, PHD, CNS CONNECTIONS EDITOR

Safety and efficacy of omaveloxolone in Friedreich ataxia (MOXIe Study). Lynch DR, Chin MP, Delatycki MB, et al. Annals of Neurology 2021; 89: 212-225.

What the researchers did:

Friedreich ataxia (FA) is an autosomal recessively inherited neurodegenerative disorder that affects about 5000 people in the United States and 22,000 people worldwide. The principal symptom of FA is ataxia, which reflects both cerebellar disease and proprioceptive loss. Other major symptoms include spasticity, vision and hearing loss, cardiomyopathy, and diabetes. The vast majority of FA cases are due to a biallelic expansion of a trinucleotide (GAA) repeat within the *FXN* gene. This trinucleotide expansion impairs transcription of the *FXN* gene, which leads to a deficit in production of the frataxin protein. Among other functions, frataxin protects cells against oxidative stress injury by regulating nuclear factor erythroid 2-related factor 2 (Nrf-2), a transcription factor that increases expression of antioxidant genes. Consequently, it appears that much of the neurodegeneration in FA is due to oxidative stress injury, stemming from inadequate Nrf-2 function. This suggests that stimulation of Nrf-2 could circumvent the degenerative process occurring in FA. Omaveloxolone is a potent activator of Nrf-2 and has been shown to be neuroprotective in FA mouse models and *in vitro* in cells from FA patients. The present study investigated the safety and efficacy of Omaveloxolone in patients with

FA. In this multicenter, double-blind, randomized, placebo-controlled study, an international team of investigators administered omaveloxolone (150 mg per day) or placebo to 103 FA patients (16 to 40 years of age) for 48 weeks. To assess the effect of omaveloxolone on neurologic function of the patients, the investigators administered the modified Friedreich's Ataxia Rating Scale (mFARS) at baseline and again after 48 weeks of treatment. The mFARS test provides a quantifiable measure of neurologic function in four subsections: bulbar, upper limb coordination, lower limb coordination, and upright stability. Scores range from 0 to 99, and the lower the score, the better the neurologic function.

What the researchers found:

The mFARS scores of patients randomized to omaveloxolone decreased from baseline to week 48, meaning that their neurologic function *improved* over that period of time. In contrast, the mFARS scores of patients randomized to placebo increased over that same period of time, reflecting the progressive *worsening* of disease symptoms in FA. Thus, the FA patients receiving omaveloxolone not only did better than the patients receiving placebo, but actually improved from baseline, despite the fact that FA is a degenerative disease that naturally worsens over time. Furthermore, omaveloxolone improved all four components of the mFARS test (bulbar, upper limb coordination,

lower limb coordination, and upright stability), compared to placebo. While omaveloxolone improved FA patients of all ages, the greatest improvements were seen in the pediatric patients. Omaveloxolone was well tolerated and caused only mild to moderate adverse events. The most common side effects were headache, nausea, and increased aminotransferase levels, all of which were transient and tended to improve over time, as patients adjusted to treatment. Thus, omaveloxolone appears to be safe and effective for the treatment of Friedreich ataxia.

What the research means:

Whereas Friedreich ataxia is a genetic disease with an autosomal recessive pattern of inheritance that causes a deficit in production of a vital protein, it is an excellent candidate disease for development of gene therapy. However, until the day that an effective gene therapy for FA arises, other forms of treatment, such as pharmacologic agents that mitigate the intracellular signaling deficits of the disease, will need to be pursued. Omaveloxolone is one such treatment. This study provides evidence that an agent that addresses the oxidative stress injury induced by the frataxin deficiency can be a safe and effective way of mitigating Friedreich ataxia, a devastating disease for which there is currently no approved therapy. ●

Child Neurology Synapses

Botulinum Toxin Works for Adolescent Migraine Headaches: But Less so in the Presence of Anxiety

BY DANIEL J. BONTHIUS, MD, PHD, CNS CONNECTIONS EDITOR

“Generalized anxiety disorder: A predictor for poor responsiveness to botulinum toxin type A therapy for pediatric migraine.”
Goenka A, Yu SG, Chikkannaiah M et al.
Pediatric Neurology 130: 21-27, 2022.

What the researchers did:

Migraine headaches are very common among children, and they often interfere substantially with the academic progress and social lives of their victims. Children with migraine have a reduced quality of life, and this is especially true when the headaches are frequent and severe. For many pediatric migraineurs, commonly used anti-migraine medications are ineffective. Botulinum toxin type A (BoNT-A) injection is a frequently used prophylactic treatment for chronic migraine headaches in adults. With several mechanisms of action that include prevention of acetylcholine neurotransmitter release at the neuromuscular junction and inhibition of pain-related neuropeptides, BoNT-A effectively reduces the frequency and severity of migraine headaches in adults. However, evidence that BoNT-A can similarly help children is sparse. Thus, one goal of the present study was to examine the effectiveness of BoNT-A as prophylaxis against migraine headaches in children. Patients with migraine headaches tend to have substantially greater anxiety levels than nonmigraine sufferers. In addition, among patients with migraine, anxiety levels correlate with the severity and frequency of headaches. Thus, anxiety and migraine headaches interact in various ways. A second goal of the present study was to determine whether anxiety disorder affects responsiveness to BoNT-A in patients with migraine. In this study, a group of researchers in Dayton, Ohio conducted a retrospective/prospective analysis of adolescent patients with chronic migraine headaches.

Before enrollment, all patients had tried at least two oral anti-migraine medications and had been evaluated by a multidisciplinary team, without success. To complete the study, the patients received BoNT-A injections according to an adult protocol, which involved intramuscular injections into 31 predefined sites. The patients received injections on three occasions, 12 weeks apart. Nine months after the first injection, the patients were assessed on a variety of headache parameters, and their level of anxiety was determined by Generalized Anxiety Disorder Score.

What the researchers found:

For the 34 adolescent patients who received the BoNT-A injections in this study, the average headache frequency dropped by almost 50 percent, from 18.6 per 28 days at baseline to 9.9 per 28 days at the study's conclusion. BoNT-A injections not only reduced headache frequency, but also substantially reduced headache intensity, again by almost 50 percent. As might be expected from these improvements in headache frequency and severity, several additional parameters improved as well, including significant reductions in the number of ED visits and hospitalizations, number of daily prophylaxis medications, and need for abortive medications. The great majority (74%) of the patients in this study responded to treatment with a decrease in headache frequency by at least 50 percent from baseline. To determine why some patients responded while others didn't, patient demographics and characteristics were compared among responders and non-responders. Among the tested parameters, the only characteristic that differed between responders and non-responders was generalized anxiety. Patients with high anxiety scores were more likely

to be non-responders to BoNT-A. Responders and non-responders did not differ in headache localization, BMI, fibromyalgia, or depression.

What the research means:

As one of the first published studies examining the efficacy of botulinum toxin injections for the treatment of migraine headaches in adolescents, the results demonstrate that this treatment can substantially reduce both the frequency and severity of migraines in this age group. This study was not blinded and did not have a control group. Thus, the possibility of a large placebo effect was strong. However, when it comes to the treatment of migraine headaches, I'm not too bothered by the possibility of a placebo effect. If adolescents say that their migraine headaches are better, that they have fewer days of migraine, that they need fewer drugs to treat them, and that they make fewer trips to the emergency room – all of which happened in this study – then they are better, whether it was due to a placebo effect or not. Of course, to convince insurance companies to pay for this treatment in this age group will likely require a randomized, placebo-controlled study. Nevertheless, this study provides strong evidence that botulinum toxin injections will help adolescents with migraine. An important finding of the study is that a high level of anxiety was associated with non-responsiveness to the treatment. This finding, though important, is not particularly surprising, since anxiety always seems to worsen adolescent headaches and makes them more refractory to treatment. Nevertheless, this finding underlines the importance of addressing anxiety problems in children and adolescents with disabling headaches. ●

2022 CNS Award Recipients

Junior Member Awards Renamed in Honor of Tauen Chang, MD

This year, even more so than in most, the presentation of awards at the CNS Annual Meeting serves to remind us all of the deep and lasting need for a sense of calling in our individual and collective lives. Michael Noetzel's death in February, mere months after learning he was to be honored with presentation of the Roger & Mary Brumback Lifetime Achievement Award, and Tae Chang's untimely death earlier this month remind us all of how fragile life can be and how fortunate we all are to have found ourselves – to have deliberately, through membership in the CNS, placed ourselves – in the presence of colleagues and mentors whose sense of calling calls us, in turn, to a higher and deeper sense of empathy, excellence and purpose.

That, at bottom, is what legacy is all about. And that is why, this year even more than previous years, your presence – your witness – at the 2022 Kenneth F. Swaiman Legacy Luncheon on October 12 is so important. The posthumous presentation of the Brumback Lifetime Achievement Award to Mike's family at the beginning of the luncheon, and the tribute to Tae Chang before the presentation of the newly named award to this year's residents at the end – to those who, in time will carry on and pass along their legacy – will mark an important moment in the shared life of CNS members gathered in Cincinnati, "where the next 50 years begins." All ticket sales from this year's Legacy Luncheon will go to support the creation of a new Tauen Chang Award Fund; additional contributions can be made on the CNS website beginning July 14. ●

Hower Award



Leon Epstein, MD
Shown here presenting at a 2021 CNS Meeting symposium.

Bernard Sachs Award



Steven P. Miller, MDCM
Shown here introducing Mike Shevell prior to presentation of the 2014 Hower Award Lecture

Bernard D'Souza International Fellowship Award



Robert K. Sebunya
Kampala, Uganda



Paulina C. Tejada
Santiago, Chile

2022 Roger & Mary Brumback Memorial Lifetime Achievement Award



Jeffrey Buchhalter, MD

In addition to being honored at Wednesday's Legacy Luncheon, Jeff will be a featured speaker at Thursday morning's Presidential Symposium.



Roger Larson, CAE

With CNS National Office staff and Annual Meeting adjunct staff at 2015 CNS Meeting. L-R: Kathy Pavel, Mekea Larson, Theresa Trapilo, Sue Hussman, Emily McConnell)

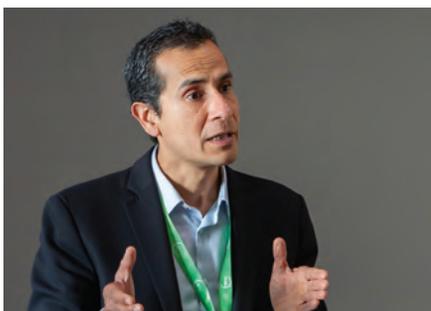


Michael Noetzel, MD

With former Wash U resident/mentee, Kevin Ess, MD, PhD (above)

Dr. Noetzel passed away February 20. The award will be presented posthumously in Cincinnati, with family and Wash U friends and colleagues speaking and accepting on his behalf.

Arnold P. Gold Foundation Humanism in Medicine Award



Jorge Vidaurre, MD

Shown here chairing International Affairs Committee meeting at 2019 CNS meeting.

Philip R. Dodge Young Investigator



Bhooma Aravamuthan, MD, MPhil

Shown here giving a talk at the 2021 Presidential Symposium: "CNS: Past, Present & Future"

Martha Bridge Denckla Award



Michael Shevell, MDCM

Shown here following 2014 CNS Hower Award Lecture with his daughters, Meaghan and Allison, and wife and longtime research collaborator, Annette Majnemer, PhD.

Taeun Chang Junior Member Award

Outstanding Junior Member Award Renamed to Honor Tae Chang (recipient in 2002 and 2003)



Taeun Chang, MD (1971-2022)

The CNS Executive Committee has unanimously approved renaming the Outstanding Junior Members Awards in honor of Taeun Chang, MD following her untimely passing earlier this month.

Since its inception in 1996, four awards have been presented to residents at each CNS Annual Meeting for work submitted to the Scientific Selection Committee. Tae was one of the first and one of the few residents to win the award twice (2002 and 2003). This year's first Tae Chang Junior Member Awards will be presented at the October 12 Legacy Luncheon, with all proceeds from luncheon ticket sales going to the newly created Taeun Chang Award Fund; contributions will also be accepted on the CNS website beginning July 14. Below is the announcement written by Drs. William Gaillard and Phillip Pearl for the June 19 "eConnections".

Dear Fellow CNS Members:

It is with a heavy heart that we sadly announce the death of Taeun Chang, MD on June 18, 2022 from complications of a diagnosis of cancer that she received in late 2020. Tae was a beloved faculty member at Children's National, where she spent her entire career after starting her child neurology residency in 2000. She attended MIT in Cambridge, MA for her undergraduate degree, the George Washington University School of Medicine, and pediatric residency at the Children's Hospital in Pittsburgh. Tae

held the rank of Professor of Neurology and Pediatrics at GW, and received the 2022 Children's National Hospital Clinical Research Mentoring Award. An exceptional neonatal neurologist, she was selfless in fostering and supporting the careers of those around her. The many, many accolades from mentees, describing her effects on their careers and lives, are heartwarming, and can be summarized by the words in the nomination packet from Roger Packer MD, Senior Vice President, Center for Neuroscience Research, and her longtime chair and mentor at Children's National:

"...in both patient care and research, Dr. Chang has acted as a role model for both her colleagues in neurology and for two generations of pediatric neurology fellows, many of whom not only learned from Dr. Chang, but followed her path as a clinical/translational researcher in child neurology, especially neonatal neurology. She championed their professional development, involving them in ongoing studies and has always been available to trainees and peers, both within neurology and neonatology...These activities and her personal guidance, as well as encouragement with a focus on true academic productivity, has resulted in many trainees entering the neonatal neurology discipline and pursuing academic careers."

Most striking was the anecdote that Tae shared with us at the Saturday morning symposium on Fetal Neurology during the 2019 Child Neurology Society in Charlotte (photo above), when she explained that a couple decided to continue their pregnancy following Dr. Chang's fetal consultation, and named their baby after her. What a legacy!

We mourn the early loss of this colleague and friend.

William Davis Gaillard, MD
Chief, Child Neurology,
Children's National Hospital
Associate Director, Center for
Neuroscience, Children's National
Research Institute

Phillip L. Pearl, MD
Immediate Past President,
Child Neurology Society
Children's National 1997-2013
Boston Children's Hospital 2014-present •



(L-R): Neonatal neurology colleagues and past recipients of the CNS Outstanding Junior Member Award: Janet Soul, MD (1998; Boston Children's Hospital) and Taeun Chang, MD (2002 & 2003; Children's National Hospital)



(L-R): Children's National Hospital colleagues, Taeun Chang, MD (2002 & 2003 Outstanding Junior Member Award); Adeline Vanderver, MD (2003 CNS Outstanding Junior Member Award); William D. Gaillard, MD (Chief, Child Neurology); and Andrea Gropman (1996 & 1998 CNS Outstanding Junior Member Award)

Outstanding Junior Member Award



Mekka Garcia
NYU Langone Health



Laura Gilbert
Washington University

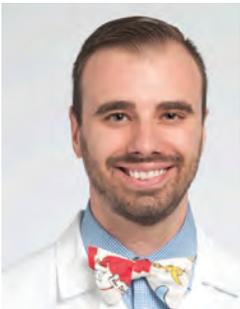


Riley Kessler
Children's Hospital of
Philadelphia



Ezgi Saylam
Nationwide Children's
Hospital

Outstanding Junior Member Post Graduate Award



Travis Larsh
Cincinnati Children's Hospital
Medical Center



Avantika Singh
Boston Children's Hospital

M. Richard Koenigsberger Scholarship



Stephen Chrzanowski
Boston Children's Hospital

AAP Section on Neurology Trainee Travel Award



Alexis Karlin
Children's Hospital of
Philadelphia

Bhuwan Garg High School Student Neuroscience Prize



Aliya Fisher
New York, NY



CNF PRESIDENT

Anup Patel, MD

President

Child Neurology Foundation



Child Neurology Foundation

To Our Friends at CNS

BY ANUP PATEL, MD, CNF PRESIDENT

I hope you are all having a great start to your summer, enjoying the sunshine with loved ones, and investing time in these valuable relationships.

On that note of valuable relationships, Child Neurology Foundation recently held its first ever board meeting in Lexington, Kentucky, where we are headquartered. It was our first in-person meeting in two years! During this meeting, we were graciously joined by both CNS's Board President, Bruce H. Cohen, MD, and Executive Director, Roger Larson, CAE (pictured above). Collectively, we took time to appreciate our shared values and discuss our future. We are grateful for the valuable perspectives provided to the conversation. In fact, in our weekly calls, Dr. Cohen and I regularly discuss how our organizations can collaborate further.

As the Child Neurology Society celebrates over 50 years of serving

the child neurology community, the Foundation is looking forward to finding more ways to work together. CNF knows that there is so much potential for successful collaboration between our two organizations and we are excited for the possibilities the future holds. We will need to position our organizations to help represent our child neurology community. Our community consists of child neurology patients, caregivers, and medical providers. We know the landscape in our field is ever changing and we will work with CNS to be sure we address what is ahead and ensure our community can achieve their best. We look forward to joining CNS at its Annual Meeting in Cincinnati later this year and having an active presence.

Until then, wishing you all health and happiness. ●



Link to
CNF Website



Symposium I: CNF Symposium: Clinical Trials in Pediatric Neurology: Our Role in Improving Participation and Outcomes

Wednesday, October 12 • 8:00 AM – 11:00 AM

Duke Energy Center • Cincinnati, Ohio

Supported by the
Child Neurology Foundation

COURSE DESCRIPTION

This 3-hour interactive symposium, is designed to raise participant awareness of the importance of clinical trials to the child neurology community and to identify strategies to overcome existing barriers to accessing clinical trials for children with neurologic conditions. We will describe ethical considerations in clinical trials and possible patient participation. Participants will also learn best practices for engaging and supporting patients before, during and after their clinical trial journey.

LEARNING OBJECTIVES

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

- Identify strategies to overcome existing barriers to accessing clinical trials for children with neurologic conditions.
- Utilize best practices for engaging and supporting patients before, during and after their clinical trial journey.

IMPACT STATEMENTS

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

- Identifying clinical trials that will benefit my patients.
- Effectively recommending and discussing clinical trials to my patients

ORGANIZER:

Child Neurology Foundation

Welcome

Anup D. Patel, MD, FAAN, FAES
Nationwide Children's Hospital,
The Ohio State University,
Columbus, OH

Erika Fullwood Augustine, MD,
MS Kennedy Krieger Institute,
Baltimore, MD

The Importance of Clinical Trials to Patients

How Clinical Trials can Impact Patient Outcomes

Tracy Dixon-Salazar, PhD
Lennox-Gastaut Syndrome (LGS)
Foundation, San Diego, CA

Common Barriers to Patient Involvement in Clinical Trials

Kimbra Edwards, PhD
CISCRP, Boston, MA

The Critical Roles of the Provider

The Importance of Clinician Involvement and Possible Roles

Bruce H. Cohen, MD, FAAN
Akron Children's Hospital; Akron, OH

Typical Barriers and Practical Considerations to Clinicians in Fulfilling these Roles

TBD

Supporting Patients: Best Practices for Discussing Clinical Trials with Patients

Shafali Spurling Jeste, MD
Children's Hospital Los Angeles,
Los Angeles, CA

Avoiding Common Mistakes in Discussions

Ariel M Lyons-Warren, MD PhD Baylor
College of Medicine,
Houston, TX

Congratulations PERF Award Winners

PERF Elterman Award
Divakar Sing Mithal, MD, PhD
Lurie Children's Hospital

*Mitochondrial Regulation
of GABA Metabolism in
Interneurons*

PERF Shields Award
Angela Hewitt, MD, PhD
University of Rochester

*Identifying Neurophysiological
Biomarkers to Optimize
Deep Brain Stimulation
for Dystonia*

CNS & CNF Joint Statement on School Violence

CNS President, Bruce Cohen
and CNF President, Anup
Patel recently penned a
joint statement on "The
Impact of School Violence
on Children"; the statement
can be accessed on the
CNF website: [https://www.
childneurologyfoundation.
org/the-impact-of-violence-
on-children/](https://www.childneurologyfoundation.org/the-impact-of-violence-on-children/).



Link to
"The Impact of
School Violence
on Children"
statement



PECN PRESIDENT

Nancy Bass, MD

President
Professors & Educators
of Child Neurology



Happy Spring!

Greetings PECN Members

BY NANCY BASS, MD, PECN PRESIDENT

I hope you all are doing a better job than I navigating the beauty of the spring with the on flux of seasonal allergies!

I have some exciting updates to share with you.

First, the revised PECN bylaws have been approved and are now fully in effect. The next step for all PECN members to be aware of and respond to is the call for online nominations and online elections for open seats on the PECN Board of Directors. Please look for an *eConnections* announcement and *CNS Connect* message from me the week of June 13. We will also be jointly issuing with the CNS a call for nominations for this year's Outstanding Training Director Award, to be presented at the Kenneth F. Swaiman Legacy Luncheon on October 12, right before the

PECN Annual Business Meeting and a great CME program (see below).

Following election of a new Board of Directors we will issue a call for members interested in serving on one of the newly named PECN committees listed below. Please strongly consider being active in these committees. As educators we serve an important role in the education of our future colleagues. Your participation in committee work vitally contribute to their training.

PECN Committees

- Membership Committee
- Match Committee
- Medical Student Committee
- Residency Committee
- Fellowship Committee



Link to
PECN
Website



Board of Directors Nominations

Nominate candidates for PECN Board of Directors, July 1 – July 20 at <https://cns.secure-platform.com/a/solicitations/1270/home>



Link to Nominate



Link to AAMC Statement



Link to NRMP Statement

- Committee on Leadership/Diversity/Equity and Inclusion
- Digital Committee

As we all know there are many issues currently affecting graduate medical education and the recruitment and training of our residents and fellows. We will be discussing many of these issues at the PECN Business meeting in Cincinnati. Some of these issues are time sensitive and I want to briefly update you all on these in this statement.

Recruitment: 2022-2023

There is currently active discussion going on amongst members of PECN regarding the upcoming interview season. The AAMC sent out a statement recently strongly encouraging virtual interviewing for the 2022-2023 season (link at right). The NRMP quickly followed with a statement in support of the AAMC statement (link at right). The APPD also put out a statement supporting virtual interviews.

I have discussed with multiple PECN members this timely and active issue right now. Please feel free to send a message via *CNS Connect* if you would like to start a discussion on whether you feel the PECN should put out their own statement on this issue. Of note, my current institution followed the above statements with their own policy and are only allowing virtual interviewing. Ultimately I believe this will come down to one's specific institution and what they allow for this upcoming season.

AAMC/ERAS Supplemental Application Program

The other important issues up for discussion include the AAMC/ERAS Supplemental application program, the Neurology RRC recent change in recommendations for FTE support for training directors and coordinators and recommendations regarding parental leave and its effect on graduation dates and "forgivable leave". These are all

important topics that are on the agenda to be discussed at the PECN Business meeting in October.

CME Program at CNS Annual Meeting, October 12

I am also very excited to announce the CME program for the October 2022 meeting. The first talk will be given by PECN Digital Committee which includes Jackie Martindale (Chair), Kathryn Xisis and Jessica Goldstein. They will be presenting "PECN and Social Media: Tools and Technology Use by Learners". On a side note there is an active survey that you should have received a link to participate in. The results of this survey will be discussed at the presentation! Please take the time to fill out the survey.

The next presentation will be by William Graff discussing a Child Neurology Webinar-based Ethics Curriculum. This is an exciting opportunity to hear about development of a much needed standardized child neurology specific ethics curriculum.

With this being 2022 Pride month I am pleased to announce that Jonathan Strober will be giving us an important presentation on LGBTQ+ issues in Resident education. I am sure this line up will be a spectacular CME program and hope all of you will join us!

In closing, I hope to see you all in person in Cincinnati this fall. I feel compelled to comment on the beautiful, thoughtful statement put out by Dr. Bruce Cohen recently as his "Letter from the President" to the CNS Members. I wholeheartedly agree with all that he put into words so eloquently and want to thank him for his words.

Have an excellent summer, see you all in Cincinnati! •

Personnel Registry Advertising

AD PLACEMENT

Ads may be placed in the CNS Connections magazine with rates for text-only ads beginning at \$250.

Graphic ads begin at \$850 for 1/4 page (email/call for rates).

Ads placed in magazine may also be placed on CNS Website for \$75 (\$275 for non-members).

Deadline for placement in the next issue is **August 10.**

TO POST AN AD:

Go to www.childneurologysociety.org
Click "Post a Position"



Link to
Post a Position

Personnel Registry

Positions Available in Child Neurology

CNS PERSONNEL REGISTRY

Arizona

CHILD NEUROLOGY WITH LEADING HEALTH CARE SYSTEM: Phoenix Metro, AZ

Banner Children's Specialists (BCS), a multispecialty group within Banner Health, is actively recruiting Child Neurologists. The Neurosciences Division at Banner Children's Specialists is expanding to meet the needs of a growing pediatric community. Through a collaborative arrangement between the University of Arizona and Banner Medical Group, the Banner Children's Neurology group serves as the primary pediatric neurology service at the two pediatric hospital campuses for inpatient and outpatient clinic.

Essential Functions and Qualifications:

The team seeks BC/BE Pediatric Neurologists to become active members of the pediatric neurology clinical care team, primarily practicing general child neurology. Our goal is to work closely with Neuropsychologists and Neurosurgeons to provide quality general neurology care to the community. We seek candidates who meet the following qualifications:

Graduate of an accredited, four-year medical school and an accredited post-graduate residency program in Pediatrics and Neurology

Eligibility for credentialing as part of the Banner Children's Specialists to include BE/BC Neurology with Special Qualifications in Child Neurology, active license, or ability to obtain a license in Arizona, and current DEA registration

Experience with general child neurology. Interest or additional training in specific subspecialty areas such as headaches, epilepsy (not seizure disorders), neuromuscular disorders, neonatal or neurodevelopmental neurology is a plus!

Demonstrated ability to collaborate within a team setting and communicate effectively

Banner Children's Neurology consists of two locations – BDMC and BTMC

Our pediatric neurology practice currently comprises 6 neurologists and 3 NPs at two sites within the greater Phoenix area.

Banner Thunderbird Medical Center (BTMC). The 890,000-square-foot acute-care facility is on 33 acres on the southwest corner of 55th Avenue and Thunderbird Road in Glendale, Arizona. A recently completed \$290 million expansion project added a spacious and comfortable main lobby, a patient/family library, a heart and vascular center, state-of-the-art surgical suites, and a 200-bed patient tower to the campus. The new tower includes a new Emergency Department and all-private rooms. 40-bed pediatric inpatient units, pediatric ER, 35-bed NICU, and 6-bed PICU.

BDMC, located in Mesa, AZ, is just 15 minutes away from Banner Ocotillo Medical Center. Banner Desert is dedicated to a high-tech, high-touch philosophy of care that has helped us become the hospital of choice for the East Valley communities for nearly 50 years. We offer state-of-the-art technology in all departments like our da Vinci surgical robots. The facility has 639-beds, and a level 3 NICU.

Banner Health is one of the largest non-profit healthcare systems in the country with 30 hospitals, including the University of Arizona academic hospitals in Tucson and Phoenix, 6 long-term care centers, and many outpatient clinics in six Western states. Our physicians work in highly integrated and innovative environments. Banner promotes collaborative team-oriented workplaces and clinical settings that focus on providing excellent patient care. Excellent compensation package includes incentives and relocation assistance; a great location, and ample opportunities to grow professionally.

PLEASE SUBMIT YOUR CV FOR IMMEDIATE CONSIDERATION, TO:

doctors@bannerhealth.com For questions, please call Tiffany Lewis, Sourcing Director at 602-747-4578. Visit our website at:

www.bannerhealth.com We are open to sponsoring H1b visas.

The safety of our team members and patients is of utmost importance, so Banner is requiring the COVID-19 vaccine for all team members. As members of the health care field, we are in the business of caring for people, so we take seriously our commitment to ensure our patients and teams are safeguarded from this rapidly changing and dangerous disease.

As an equal opportunity and affirmative action employer, Banner University Medical Group (BUMG) recognizes the power of a diverse community and encourages applications from individuals with varied experiences and backgrounds. BUMG is an EEO/AA - M/W/D/V Employer.

Faculty, Child Neurology Opportunity

On behalf of Freedom Perkins, Jr., MD, Section Chief, Pediatric Neurology at Arkansas Children's Hospital (ACH), CareerPhysician, a leader in academic pediatric search is pleased to inform you of the national effort to identify qualified faculty to join a renowned neurology division providing expert care for children suffering from a wide range of neurological disorders throughout the state of Arkansas.

Opportunity Highlights:

- Arkansas Children's Hospital is the state's only comprehensive children's medical center. Care resources are deployed broadly across the state with the main campus in Little Rock comprised of a 336-bed facility including a Level I trauma center; 3 ICUs and a Level 4 NICU.
- The pediatric neurology division at ACH is home to 13 physicians, 2 PhD neuroscientists, 2 APRNs., post-doctoral fellows and a child neurology

residency program. The neurology section has a broad base of sub-specialization including: a very active Level 4 NAEC epilepsy center; a Parent Project Muscular Dystrophy certified care center; a Cure SMA Center of Excellence; Spasticity Program; Comprehensive Headache Center; Neurodevelopmental Disabilities; Movement Disorders and more.

- Led by William Steinbach MD, Pediatrics is the largest department at UAMS and dedicated to a collaborative, healthy culture and investing in faculty growth, which includes a dedicated mentoring program for junior faculty that aligns early career physicians with resources and institution leaders to provide coaching and guidance while fostering career advancement.
- Our faculty enjoy a diverse practice which includes inpatient service, outpatient clinic, teaching and research time as well as working with underserved populations 4 days each month at our ACH campus in Jonesboro.
- The patient mix includes a broad spectrum of neurologic disorders and acuity, including epilepsy, headache disorders, movement disorders, neurodevelopment, spasticity, and stroke with opportunities to focus on subspecialty areas of interest.
- The city of Little Rock doesn't disappoint offering plenty for outdoor enthusiasts, including great weather and numerous city parks with paved running/walking trails, bike paths, fishing, private and public golf courses, sports facilities, and picnic areas. Families interested in arts and culture will love the Arkansas Museum of Fine Arts and the Little Rock Zoo, as well as a variety of community events throughout the year, including the Cheese Dip Festival, Riverfest, Jazz in the Park and many more. The character in the thriving downtown district, coupled with a mature culinary

scene and charming neighborhoods make Little Rock an ideal destination for families, singles, and culinary enthusiasts in search of a unique and flourishing metro to call home.

- Compensation package for this role includes a competitive guaranteed salary (based on rank), sign-on bonus, tremendous benefits and a retirement package that includes an institutional match program.

For more details about this opportunity, or if you would like to recommend an individual(s) who exemplifies the qualities we are seeking in a candidate, please contact Mark Lozano at mark@careerphysician.com, or at 469-553-9311. All interactions will remain confidential, and no inquiries will be made without the consent of the applicant. UAMS and Arkansas Children's Hospital is an AA/EOE/ADA employer committed to excellence through diversity.

CNS PERSONNEL REGISTRY

California

Chief of Division of Pediatrics Neurology University of California Los Angeles Requisition Number: JPF07182

The Department of Pediatrics at the David Geffen School of Medicine at UCLA and the UCLA Mattel Children's Hospital seeks candidates to serve as the Chief of the Division of Neurology. This is a full-time tenured position, at the rank of associate or full professor rank. The successful candidate will be a creative and dynamic individual with excellent leadership, research, teaching, administrative and communication skills. Responsibilities will include working to expand and enhance the research, educational and clinical activities of the division including supervising and mentoring faculty towards gaining

CALIFORNIA CONTINUED

independence in research and in developing and implementing clinical pediatric policies. Strong background in research and scholarship is required. Applicants must be board certified or board eligible for Psychiatry and Neurology with special qualifications in Child Neurology. The applicant must have a M.D. or equivalent. Compensation for the position is competitive. Individuals with a history of and commitment to mentoring trainees from underrepresented minorities are encouraged to apply.

Cultural North Star. The shared values of the DGSOM are expressed in the Cultural North Star, which was developed by members of our community and affirms our unwavering commitment to doing what's right, making things better, and being kind. These are the standards to which we hold ourselves, and one another. Please read more about this important DGSOM program at <https://medschool.ucla.edu/cultural-north-star>.

UC Regents Statement on Ethical Values and Standards of Conduct. All aspects of searches are confidential and all candidates are expected to review and abide by UC Regents Policy 1111 on Statement on Ethical Values and Standards of Conduct <https://regents.universityofcalifornia.edu/governance/policies/1111.html>.

Qualified applicants please send a CV and letter of interest to this link: <https://apptrkr.com/3071078>

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy, see: UC Nondiscrimination & Affirmative Action Policy, <https://policy.ucop.edu/doc/4000376/DiscHarassAffirmAction>

Clinical Neurology (Neurohospitalist) Faculty Position- CHLA

Division of Neurology
Children's Hospital Los Angeles
Keck School of Medicine
University of Southern California
Clinical Neurology (Neurohospitalist)
Faculty Position

The Division of Neurology, Children's Hospital Los Angeles (CHLA) and the Keck School of Medicine of the University of Southern California (USC) are actively seeking a neurologist with training in child neurology as a full-time faculty member for the position of Clinical Assistant Professor of Neurology and Pediatrics to join its current team of 21 faculty members as a neurohospitalist. For this position, someone who has completed additional fellowship training in pediatric neurocritical care or vascular neurology will be given preference. Individuals without fellowship training with a strong interest in inpatient neurology are also encouraged to apply.

Division of Neurology:

The Division of Neurology is part of the Neurosciences Service Line (the Neurological Institute) which has been highlighted as a key service line by the hospital. The Division of Neurology is currently undergoing rapid expansion with the development of comprehensive clinical general and sub-specialty child neurology programs as well as enhancement of its research portfolio. A brand-new integrated clinic space for the Divisions of Neurology and Neurosurgery opened in the Spring of 2021. The goal of the Neurologic Institute is to offer comprehensive and integrated neurologic services in a patient-centered environment.

Neurohospitalist Program:

CHLA has a busy inpatient neurology service given that it is the largest, free-standing children's hospital in Southern California. To provide more focused care to children in the inpatient setting, the division envisions having a robust neurohospitalist program moving forward. We are looking to

recruit a motivated child neurologist with an interest in inpatient neurology to help expand our inpatient program. The position will entail involvement in inpatient general neurology service with weeknight and weekend call. The remainder of the time will be spent in an ambulatory setting. Unless applicant is pediatric neurocritical care trained, no neurocritical care coverage will be required.

CHLA is a busy urban teaching hospital with a diverse patient population. There is a very active outpatient neurology clinic with subspecialty programs in neuromuscular disorders (MDA), epilepsy (including epilepsy surgery, VNS and ketogenic diet), movement disorders (including deep brain stimulation and baclofen pump), neuro-intensive care, pediatric stroke, neurocutaneous disorders and demyelinating disorders. Our faculty currently provides outpatient clinical services to CHLA and five satellite clinic locations within the greater Los Angeles area. The division has an ACGME-approved child neurology residency program which operates in collaboration with the KSOM LAC + USC/University Hospital. Our division accepts three child neurology residents per year who divide their time between the two sites. Furthermore, there is ongoing clinical research within our general child neurology and subspecialty programs.

Academic appointment through the Keck School of Medicine of USC is available at a level appropriate to training and experience. CHLA and USC strongly values diversity and is committed to equal opportunity in employment. Women and men, and members of all racial and ethnic groups, people with disabilities, and veterans are encouraged to apply.

CHLA and USC are equal opportunity, affirmative action employers. The division greatly values diversity and is committed to building a vibrant and culturally diverse community of faculty that best reflects the patients and families that we serve. Individuals from underrepresented groups in medicine are especially encouraged to apply.

For inquiries, please contact:
Diana Babayan, MPH, MBA
Division Administrator, Neurology
Children's Hospital Los Angeles
dbabayan@chla.usc.edu
323-361-8963

**Clinical Neurology
(Neurodevelopmental Disorders)
Faculty Position – CHLA**

Clinical Neurology Faculty Position

The Division of Neurology and the Department of Pediatrics at Children's Hospital Los Angeles and the Department of Neurology at the Keck School of Medicine of the University of Southern California (USC) are actively seeking a neurologist with training in neurodevelopmental disorders (NDDs) as a full-time faculty member for the position of Assistant Professor of Clinical Neurology and Pediatrics to join its current team of 21 faculty members. For the NDD faculty position, someone who has completed an NDD fellowship is preferred.

Division of Neurology:

The Division of Neurology is part of the Neurosciences Service Line (the Neurological Institute) which has been highlighted as a key service line by the hospital. The Division of Neurology is currently undergoing rapid expansion with the development of comprehensive clinical general and sub-specialty child neurology programs as well as enhancement of its research portfolio. A brand-new integrated clinic space for the Divisions of Neurology and Neurosurgery opened in the Spring of 2021. The goal of the Neurologic Institute is to offer comprehensive and integrated neurologic services in a patient-centered environment.

There is a very active outpatient neurology clinic with subspecialty programs in neuromuscular disorders (MDA), epilepsy (including epilepsy surgery, VNS and ketogenic diet), movement disorders (including deep brain stimulation and baclofen pump), neuro-intensive care, pediatric stroke, neurocutaneous disorders and demyelinating disorders. Our faculty currently provide outpatient clinical

services to CHLA and five satellite clinic locations within the greater Los Angeles area. The division has an ACGME-approved child neurology residency program which operates in collaboration with the KSOM LAC + USC/University Hospital. Our division accepts three child neurology residents per year who divide their time between the two sites. Furthermore, there is ongoing clinical research within our general child neurology and subspecialty programs.

Neurodevelopmental Disabilities Program:

CHLA has a long history of clinical programs for children with NDD's, housed mostly in behavioral health and developmental pediatrics, providing both assessment and treatment options. These clinics are unique in the LA area in that they assess and care for children regardless of insurance status. With the recent addition of Dr. Shafali Jeste as division chief, the neurology division plans to establish a multidisciplinary program in NDD's that will integrate with and complement these clinics in behavioral health and developmental pediatrics. We will focus on patients with comorbid neurological conditions, genetic syndromes, and more severe intellectual and developmental disabilities. This NDD program also will serve as a platform for clinical trials, registries, and research studies focused on understanding cause, early prediction, trajectory, and outcomes in NDDs. The CHLA Center for Personalized Medicine has a strong relationship with our neurology division, and all genetic testing for NDDs can be performed in-house with support from affiliated genetic counselors.

CHLA serves as the principal pediatric referral resource for children and adolescents in the Southwestern United States, and is recognized for its advances in pediatric care, teaching, and research. In the last year, Children's Hospital had been ranked #5 on the US News World Report Best Children's Hospitals Honor Roll with 10 nationally ranked pediatric specialties. You will have the unique opportunity to work side by side with top professionals in the field.

Academic appointment through the Keck School of Medicine of USC is available at a level appropriate to training and experience. CHLA and USC strongly values diversity and is committed to equal opportunity in employment. Women and men, and members of all racial and ethnic groups, people with disabilities, and veterans are encouraged to apply.

CHLA and USC are equal opportunity, affirmative action employers. The division greatly values diversity and is committed to building a vibrant and culturally diverse community of faculty that best reflects the patients and families that we serve. Individuals from underrepresented groups in medicine are especially encouraged to apply.

For inquiries, please contact:
Diana Babayan, MPH, MBA
Division Administrator, Neurology
Children's Hospital Los Angeles
dbabayan@chla.usc.edu
323-361-8963

**Clinical Child Neurologist and
Director of Health Equity at Benioff
Children's Hospital Oakland
Neurology**

The Department of Neurology at UCSF is seeking board eligible/board certified Child Neurologists to join our Benioff Children's Hospital Oakland (BCHO) Division, to participate in clinical child neurology work and to start a new health equity program within the Pediatric Brain Center (PBC). The selected candidates will be appointed at the Instructor, Assistant, Associate, and full Professor ranks of the Health Sciences (HS) Clinical faculty series.

Formerly Children's Hospital Oakland, BCHOak has delivered exceptional medical care to children from all regions of California for over 100 years. More than 2,600 staff and 550 physicians at BCHO care for more than 10,000 inpatients and 250,000 outpatients each year. Our trauma center is an ACS verified Level 1

Pediatric Trauma Center (one of only five in California) and is dedicated exclusively

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to caring for children, with over 400 air transports and 48,000 emergency room visits per year. The Benioff Children's Hospitals have over 30 pediatric subspecialties and are ranked by U.S. News & World Report among the nation's "Best Hospitals".

Child Neurology is an integral part of the UCSF Pediatric Brain Center (PBC) and is a destination program bringing together physicians from all disciplines related to nervous system health in children. The San Francisco and Oakland Child Neurology and Pediatric Neurosurgery programs have integrated into one marquee service line spanning both campuses. Neurology faculty actively participate in the teaching of residents and medical students. Physicians will participate in a busy clinical practice, with both outpatient clinic and inpatient call duties. Clinical interest and experience in treating epilepsy is also encouraged but not required, due to the high volume of epilepsy patients in our practice. Finally, the department is seeking candidates with background or interest in health equity to take on the new role of health equity director, with the goal of identifying and addressing inequities of care as well as advising the Pediatric Brain Center and UCSF health system on strategies for improvement.

Physicians may also be involved in clinical research, clinical trials, as well as basic research and translational research. Qualified candidates must possess a medical degree from an accredited medical school, medical license in the State of California, accredited residency training in Child Neurology, and Board eligibility or Certification in Neurology with Special Certification in Child Neurology at the time of appointment. Candidate's CV and/or cover letter must state qualifications (or if pending) upon submission.

Website:
<https://aprecruit.ucsf.edu/JPF03146>

Contact:
Marisa Gardner
marisa.gardner@ucsf.edu

UCSF Fresno Child Neurology

UCSF Fresno and Central California Faculty Medical Group (CCFMG) are currently recruiting for academic Child Neurologist. The successful candidate must have completed a residency, be board-eligible/board-certified in Pediatrics or Psychiatry & Neurology. Completion of subspecialty training in neurology care is preferred.

The responsibilities include teaching residents and students and providing specialty care to pediatrics' patients. Interest or experience in patient-centered research is desirable. UCSF Fresno's medical education program sees patients at Community Regional Medical Center and has very successful faculty practice sites.

The program is based in Fresno, California, where residents enjoy a high standard of living combined with a low cost of living. The result is a quality of life uniquely Californian, yet surprisingly affordable. Limitless recreational opportunities and spectacular scenery is all accessible in a community with abundant affordable housing. While there is much to see and do in Fresno, the city is ideally located for fast, convenient getaways to the majestic Sierra (just 90 minutes away) as well as the scenic Central Coast, just two and one-half hours away. Fresno is the only major city in the country with close proximity to three national parks, including renowned Yosemite National Park.

Website:
<https://universitymds.com>

Contact:
Stephanie Delgado
stephanie.delgado@ccfm.org

PEDIATRIC EPILEPTOLOGIST

I am a PERMANENTE PHYSICIAN.

A dedicated doctor who believes in pursuing dreams, creating hope, and driving progress.

While every physician at the Southern California Permanente Medical Group has their own personal and professional ambitions, they all share a common vision: to transform the practice of medicine. Every day, they work hand in hand—with each other and their patients—to achieve outcomes that elevate the level of care across our organization and, ultimately, our nation.

PEDIATRIC EPILEPTOLOGIST

Opportunities in Southern California

The Kaiser Permanente Southern California Medical Group (SCPMG) is seeking a fellowship-trained board eligible/board certified Pediatric Epileptologist to join a well-established, growing group. We offer comprehensive multidisciplinary support across the region, including a Ketogenic Dietician, a full range of pediatric neurology and pediatric epilepsy services, as well as a well-balanced call schedule and working environment.

Within the Southern California Permanente Medical Group (SCPMG) we have:

- A NAEC-accredited Level IV Pediatric Epilepsy Center (Los Angeles)
- Three Tertiary Care Medical Centers (Los Angeles, Orange County, San Bernardino County)
- Three Pediatric Centers of Excellence (Downey, Los Angeles, San Bernardino County)

SCPMG is an organization with strong values, which provides our physicians with the resources and support systems to ensure they can focus on practicing medicine, connecting with one another, and providing the best possible care to their patients. In Southern California, you'll enjoy amazing recreational activities, spectacular natural sceneries, and an exceptional climate.

SCPMG is proud to offer its physicians:

- An organization that has served the communities of Southern California for more than 65 years
- A physician-led practice that equally emphasizes professional autonomy and cross-specialty collaboration
- Comprehensive administrative support
- An environment that promotes excellent service to patients
- A fully implemented electronic medical record system
- An excellent salary, comprehensive benefits and partnership eligibility after 3 years

We invite you to make a difference in the communities we serve.

For consideration or to apply, please visit our website at <https://scpmgphysiciancareers.com/specialty/neurology/>.

For questions or additional information, please contact Michelle Johnson at 866-285-5438 or Michelle.S1.Johnson@kp.org. We are an AAP/EEO employer.

The Answer to Health Care in America.

UC Davis Health, Department of Neurology – Pediatric Epileptologist

The Department of Neurology, University of California at Davis, School of Medicine, is recruiting a Pediatric Epileptologist with expertise in reading pediatric and neonatal EEGs for a full-time faculty position.

Primary responsibilities of the position include inpatient and outpatient clinical care; teaching medical students, residents, and epilepsy fellows; developing research and creative work; and providing university/public service.

The candidate will deliver inpatient care at the UC Davis Children's Hospital and Pediatric Epilepsy Monitoring Unit and outpatient care at the Midtown Neurology Specialty clinic.

The position is available in the Health Sciences Clinical Professor (HSCP) or Clinical Neurology series at the Assistant, Associate, or Full rank commensurate with experience.

The UC Davis Children's Hospital is the Sacramento region's only nationally ranked, comprehensive hospital for children. It has the Central Valley's only Level 1 pediatric trauma center and emergency department with board-certified physicians in more than 30 subspecialties. It has a 49-bed Neonatal Intensive Care Unit (NICU), is a Level III nursery, and cares for infants from throughout Northern California. The NICU averages more than 500 admissions per year while the 24-bed Pediatric Intensive Care Unit (PICU) averages more than 1000 admissions annually. The Pediatric Epilepsy Monitoring Unit (EMU) is a four-bed unit within the Children's Hospital.

The UC Davis Department of Neurology and UC Davis Health teaching hospital are nationally ranked in US News & World Report. UC Davis is an NAEC Level 4 Epilepsy Center. The Department of Neurology's Child Neurology section has six physicians, including three pediatric epileptologists, nurse practitioner, and social worker.

Website:
<https://recruit.ucdavis.edu/JPF04624>

Contact:
Joe Valadez
jvaladez@ucdavis.edu

Pediatric Neuroimmunology and Demyelinating Disorders Fellowship

The Pediatric Neuroimmunology and Demyelinating Disorders Program at Children's Hospital Los Angeles is one of the largest programs in the country dedicated to the treatment of rare inflammatory disorders of the brain and spinal cord in children. Our program specializes in the treatment children with multiple sclerosis (MS), neuromyelitis optica spectrum disorders (NMOSD), autoimmune encephalitis (AE), acute disseminated encephalomyelitis (ADEM), myelin oligodendrocyte glycoprotein associated disease (MOGAD) and other inflammatory diseases. Our program has inpatient, outpatient and inpatient rehabilitation clinical practice allowing for a breadth of experience for potential trainees. CHLA is one of only a handful of pediatric centers who are considered

"Partners in MS Care" by the National Multiple Sclerosis Society. The program seeks a clinical fellow to begin July 1 2023 for a 1-year term.

Fellows rotate through the Pediatric Neuroimmunology and Demyelinating Disorders Program weekly, working with a variety of neuroimmunologists including Dr. Jonathan Santoro (program director and director of neuroimmunology), Dr. Wendy Mitchell (former division chief and opsoclonus myoclonus ataxia syndrome expert), and Dr. Nusrat Ahsan. Fellows will also rotate through the Keck Multiple Sclerosis Center at USC to gain experience in adult neuroimmunology and multiple sclerosis care. In addition to neuroimmunology, fellows will also rotate through multidisciplinary clinics in rheumatology, neuroophthalmology and infectious disease. Inpatient and outpatient consultations will be needed although the primary focus of this fellowship will be outpatient.

Fellows will participate in research during their tenure at CHLA and will have a wide variety of NIH-funded opportunities to participate in ranging from basic science to clinical trials. Fellows will participate in weekly case conferences with the neuroimmunology program and serve as an important mentor and teacher for both pediatric and child neurology residents. Fellows will be required to complete a scholarly concentration during their fellowship which may be in the domains of research, quality improvement, education, or advocacy.

Program Facts:

- Fellows Per Year: 1
- Appointment: Clinical Instructor in Neurology and Fellow in Pediatric Neuroimmunology
- Application Timeline: Rolling
- Duration: 1-year minimum, optional additional year offered for interested candidates
- U.S. Citizenship Required: No
- Requirements: applicants must have an M.D. or D.O degree and have completed a U.S. or Canadian residency program in child neurology or neurology.

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Interested applicants should send a CV and brief cover letter describing interest in the program and career goals to the program director, Dr. Jonathan Santoro (jdsantoro@chla.usc.edu). Applicants will be asked to offer contact information for two academic references during an interview.

Child Neurology Faculty Position – CHLA

Division of Neurology
Children's Hospital Los Angeles
Keck School of Medicine
University of Southern California

The Division of Neurology, Children's Hospital Los Angeles and the Keck School of Medicine of the University of Southern California (USC) are actively seeking neurologists with training in child neurology as full-time faculty members.

Division of Neurology:

The Division of Neurology is part of the Neurosciences Service Line (the Neurological Institute) which has been highlighted as a key service line by the hospital. The Division of Neurology is currently undergoing rapid expansion with the development of comprehensive clinical general and sub-specialty child neurology programs as well as enhancement of its research portfolio. A brand-new integrated clinic space for the Divisions of Neurology and Neurosurgery opened in the Spring of 2021. The goal of the Neurologic Institute is to offer comprehensive and integrated neurologic services in a patient-centered environment. As we enter the next phase of growth in the Southern California market and beyond, we are looking for new faculty members to join our team in various specialties.

CHLA is a busy urban teaching hospital with a diverse patient population. There is a very active outpatient neurology clinic with subspecialty programs in neuromuscular disorders (MDA), epilepsy (including epilepsy surgery, VNS and ketogenic diet), movement disorders (including deep brain stimulation and baclofen pump), neuro-intensive care, pediatric stroke, neurocutaneous

disorders and demyelinating disorders. Our faculty currently provide outpatient clinical services to CHLA main campus and five satellite clinic locations within the greater Los Angeles area. The division ACGME-approved child neurology residency program accepts three child neurology residents annually and operates in collaboration with the KSOM LAC + USC/University Hospital. Furthermore, there is ongoing clinical research within our general child neurology and subspecialty programs.

We are rapidly growing our existing key subspecialties as well as developing new subspecialties in the following areas:

Epileptologist:

Actively seeking an epileptologist as a full-time faculty member for the position of Assistant/Associate Professor of Clinical Neurology and Pediatrics. Our considerable clinical and neurophysiologic resources include four pediatric board-certified epileptologists with a busy epilepsy surgery program offering ECoG-guided resections, phase II studies with implanted grids/strips and depths, stereo-EEG, EEG source localization and minimally invasive laser ablation. CHLA has an active outpatient EEG lab, a dedicated 6-bed pediatric EMU, wired video EEG playroom and neuro-critical care EEG monitoring service. Our Comprehensive Epilepsy Program includes a spectrum of multi-disciplinary Epilepsy Surgery, Ketogenic Diet Therapy, Epilepsy Genetics and New Onset Seizure Clinics. The CHLA Center for Personalized Medicine has a strong relationship with our epilepsy team and all testing for epilepsy genetic syndromes can be performed in-house with support from affiliated genetic counselors. In addition, the Division of Neurology has an ACGME-approved pediatric epilepsy fellowship program which accepts two fellows annually. Experience with CURRY software, stereoelectroencephalography and transcranial magnetic stimulation preferred. Please apply using the following link: Epileptologist.

Research Scientist:

The division is actively seeking a neurologist with training in child neurology as a full-time faculty member for the position of Clinical Assistant

Professor of Neurology and Pediatrics. The academic mission for the division is to build a cutting-edge academic infrastructure within our comprehensive care model that would foster the training of future physician scientists while also ensuring that our research studies include the diverse patient communities of CHLA. The division is recruiting a research-focused faculty to perform cutting-edge research and contribute towards the division's growing research portfolio. Please apply using the following link: Research Scientist.

Neurohospitalist:

Looking to recruit a motivated child neurologist with an interest in inpatient neurology as a full-time faculty member for the position of Clinical Assistant Professor of Neurology and Pediatrics to help expand our inpatient program. The position will entail involvement in inpatient general neurology service with weeknight and weekend call, as well as in an ambulatory setting. Unless applicant is pediatric neurocritical care trained, no neurocritical care coverage will be required. For this position, someone who has completed additional fellowship training in pediatric neurocritical care or vascular neurology will be given preference. Individuals without fellowship training with a strong interest in inpatient neurology are also encouraged to apply. Please apply using the following link: Neurohospitalist.

Neurodevelopmental Disorders:

Actively seeking a neurologist with training in neurodevelopmental disorders (NDDs) as a full-time faculty member for the position of Assistant Professor of Clinical Neurology and Pediatrics. CHLA has a long history of clinical programs for children with NDD's, housed mostly in behavioral health and developmental pediatrics, providing both assessment and treatment options. These clinics are unique in the LA area in that they assess and care for children regardless of insurance status. The division plans to establish a multidisciplinary program in NDD's that will integrate with and complement these clinics in behavioral health and developmental pediatrics. We will focus on patients with comorbid neurological conditions, genetic

syndromes, and more severe intellectual and developmental disabilities. This NDD program also will serve as a platform for clinical trials, registries, and research studies focused on understanding cause, early prediction, trajectory, and outcomes in NDDs. The CHLA Center for Personalized Medicine has a strong relationship with our neurology division, and all genetic testing for NDDs can be performed in-house with support from affiliated genetic counselors. Completed NDD fellowship preferred. Please apply using the following link: Neurodevelopmental Disorders.

General Neurologist:

The division is actively seeking a general child neurologist with training in child neurology as a full-time faculty member for the position of Assistant/Associate Professor of Clinical Neurology and Pediatrics. This position could be located at the CHLA main campus and could also have presence at one or multiple teaching clinic locations – Santa Monica, South Bay, Arcadia, Encino, Valencia. Please apply using the following link: General Neurologist.

Academic appointment through the Keck School of Medicine of USC is available at a level appropriate to training and experience. CHLA and USC strongly values diversity and is committed to equal opportunity in employment. Women and men, and members of all racial and ethnic groups, people with disabilities, and veterans are encouraged to apply.

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For inquiries, please contact:
Diana Babayan, MPH, MBA
Division Administrator, Neurology
Children's Hospital Los Angeles
dbabayan@chla.usc.edu
323-361-8963

Chief of Division of Pediatrics Neurology

University of California Los Angeles

The Department of Pediatrics at the David Geffen School of Medicine at UCLA and the UCLA Mattel Children's Hospital seeks candidates to serve as the Chief of the Division of Neurology. This is a full-time tenured position, at the rank of associate or full professor rank. The successful candidate will be a creative and dynamic individual with excellent leadership, research, teaching, administrative and communication skills. Responsibilities will include working to expand and enhance the research, educational and clinical activities of the division including supervising and mentoring faculty towards gaining independence in research and in developing and implementing clinical pediatric policies. Strong background in research and scholarship is required. Applicants must be board certified or board eligible for Psychiatry and Neurology with special qualifications in Child Neurology. The applicant must have a M.D. or equivalent. Compensation for the position is competitive. Individuals with a history of and commitment to mentoring trainees from underrepresented minorities are encouraged to apply.

Cultural North Star. The shared values of the DGSOM are expressed in the Cultural North Star, which was developed by members of our community and affirms our unwavering commitment to doing what's right, making things better, and being kind. These are the standards to which we hold ourselves, and one another. Please read more about this important DGSOM program at <https://medschool.ucla.edu/cultural-north-star>.

UC Regents Statement on Ethical Values and Standards of Conduct. All aspects of searches are confidential and all candidates are expected to review and abide by UC Regents Policy 1111 on Statement on Ethical Values and Standards of Conduct <https://regents.universityofcalifornia.edu/governance/policies/1111.html>.

Qualified applicants please send a CV and letter of interest to this link: <https://apptrkr.com/3071078>

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy, see: UC Nondiscrimination & Affirmative Action Policy, <https://policy.ucop.edu/doc/4000376/DiscHarassAffirmAction>

Clinical Instructor in Neurology and Fellow in Pediatric Neuroimmunology

Pediatric Neuroimmunology and Demyelinating Disorders Fellowship

The Pediatric Neuroimmunology and Demyelinating Disorders Program at Children's Hospital Los Angeles is one of the largest programs in the country dedicated to the treatment of rare inflammatory disorders of the brain and spinal cord in children. Our program specializes in the treatment children with multiple sclerosis (MS), neuromyelitis optica spectrum disorders (NMOSD), autoimmune encephalitis (AE), acute disseminated encephalomyelitis (ADEM), myelin oligodendrocyte glycoprotein associated disease (MOGAD) and other inflammatory diseases. Our program has inpatient, outpatient and inpatient rehabilitation clinical practice allowing for a breadth of experience for potential trainees. CHLA is one of only a handful of pediatric centers who are considered "Partners in MS Care" by the National Multiple Sclerosis Society. The program seeks a clinical fellow to begin July 1, 2023 for a 1-year term.

Fellows rotate through the Pediatric Neuroimmunology and Demyelinating Disorders Program weekly, working with a variety of neuroimmunologists including Dr. Jonathan Santoro (program director and director of neuroimmunology), Dr. Wendy Mitchell

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(former division chief and opsoclonus myoclonus ataxia syndrome expert), and Dr. Nusrat Ahsan. Fellows will also rotate through the Keck Multiple Sclerosis Center at USC to gain experience in adult neuroimmunology and multiple sclerosis care. In addition to neuroimmunology, fellows will also rotate through multidisciplinary clinics in rheumatology, neuroophthalmology and infectious disease. Inpatient and outpatient consultations will be needed although the primary focus of this fellowship will be outpatient.

Fellows will participate in research during their tenure at CHLA and will have a wide variety of NIH-funded opportunities to participate in ranging from basic science to clinical trials. Fellows will participate in weekly case conferences with the neuroimmunology program and serve as an important mentor and teacher for both pediatric and child neurology residents. Fellows will be required to complete a scholarly concentration during their fellowship which may be in the domains of research, quality improvement, education, or advocacy.

Program Facts:

- Fellows Per Year: 1
- Appointment: Clinical Instructor in Neurology and Fellow in Pediatric Neuroimmunology
- Application Timeline: Rolling
- Duration: 1-year minimum, optional additional year offered for interested candidates
- U.S. Citizenship Required: No

Requirements: applicants must have an M.D. or D.O degree and have completed a U.S. or Canadian residency program in child neurology or neurology.

Interested applicants should send a CV and brief cover letter describing interest in the program and career goals to the program director, Dr. Jonathan Santoro (jdsantoro@chla.usc.edu).

Applicants will be asked to offer contact information for two academic references during an interview.

CNS PERSONNEL REGISTRY

Colorado

Developmental Behavioral/ Neurodevelopmental Disabilities Pediatrician Opportunity

The University of Colorado School of Medicine University is pleased to announce our national search for a full-time faculty member for the Department of Pediatrics, Section of Developmental Pediatrics. The clinical practice associated with this position will be based at the Children's Hospital Colorado – Colorado Springs and CU Medicine Briargate Pediatric Specialty Clinics. The new physician, in partnership with colleagues at the Anschutz Campus in Denver, will have the opportunity to guide the development of a Developmental Pediatrics program that will serve a large portion of Southern Colorado.

Applicants should be board certified in Pediatrics and board eligible or certified in Developmental-Behavioral Pediatrics (DBP) or Neurodevelopmental Disabilities (NDD). The successful candidate will be eligible for an unrestricted medical license in the State of Colorado and possess the academic accomplishments necessary to obtain an academic appointment with the University of Colorado School of Medicine.

Key Opportunity Highlights:

- Opportunity to collaborate with the Developmental Pediatrics Section at Anschutz Campus, which is part of the Neuroscience Institute (NSI) at Children's Hospital Colorado. The NSI also includes Child Neurology and Neurosurgery. The team works closely with Child Psychiatry, Genetics, Rehabilitation Medicine, and Special Care Clinic, with ample collaborative opportunities.
- Modern new office space and program resources including but not limited to two child psychologists and onsite neuropsychology testing capabilities.
- Busy clinical practice, an ACGME accredited DBP fellowship program, member of DBPNet, and opportunities for collaborative and independent research.

- Provide direct clinical care to children with a wide range of developmental and behavioral concerns. Outpatient clinics will be a mix of interdisciplinary clinics, individual consultations, follow-up and medication management visits. We also participate in multi-disciplinary clinic with other departments and sections, such as neurology, genetics, and surgery.
- Lead program development and partnership with community providers for Developmental Pediatrics' practice in Colorado Springs. Qualified applicants may be considered for a Developmental Leadership role for Southern Colorado.
- Scholarly activities are encouraged although not required.
- Faculty development opportunities are available to all faculty
- Highly competitive salary and benefits provided commensurate with skills and experience.

Those interested in scheduling a conversation to discuss the position in greater detail are asked to submit their current curriculum vitae to Marcel Barbey, Vice President, CareerPhysician, C/O Karis Beasley at Karis@careerphysician.com. All interactions will remain confidential, and no inquiries will be made without the consent of the applicant.

The University of Colorado Denver | Anschutz Medical Campus is committed to recruiting and supporting a diverse student body, faculty, and administrative staff. The university strives to promote a culture of inclusiveness, respect, communication and understanding. We encourage applications from women, ethnic minorities, persons with disabilities and all veterans. The University of Colorado is committed to diversity and equality in education and employment.

Delaware

Pediatric Neurologist

Pediatric Neurologist
Wilmington, DE, United States

JOB DESCRIPTION

Nemours Children's Hospital, Delaware is adding a Pediatric Neurologist to our growing team.

This position is for a community-based Pediatric Neurologist working primarily in our satellite facilities in Pennsylvania. The Physician will work 3 clinics per week in satellites, have one day a week in the hospital and one day a week admin time. They will contribute to the on-call schedule at the Hospital and will precept residents in their clinics in rotation with the other attendings. Subspecialty interest in neuromuscular, neuro-oncology, neonatal neurology, neuroimmunology or other subspecialties are encouraged to apply.

This key position represents an outstanding opportunity to help facilitate the continued growth phase of Nemours in the Delaware Valley. We have busy outpatient practices with strong ancillary support including advanced practice providers, nurses, certified EEG technician, social work and genetic counseling. Research opportunities are encouraged, along with teaching pediatric residents, with academic appointment awarded by Sidney Kimmel Medical College at Thomas Jefferson University.

This position will provide outpatient clinical services to Nemours satellite locations across our PA/NJ locations. Inpatient rotations as on call neurologist, provides coverage for the pediatric inpatient floor, PICU, NICU, and pediatric emergency department for one-week rotations with 8 other neurologists.

This is a rare opportunity to step into a busy practice in one of the Northeast's most desirable communities. Located in the Northeast corridor, Wilmington provides limitless cultural and professional opportunities given its easy access and proximity to major metropolitan areas while being nestled in the bucolic Brandywine Valley. As the center of

commerce and culture in Delaware, Wilmington combines the amenities and excitement of big-city living with the peace and charm of a small town.

Requirements:

Eligible for unrestricted Delaware, Pennsylvania and New Jersey License

Have completed a Pediatric Neurology Residency or Neurodevelopmental Disabilities Residency

ABPN Certified/Eligible in Pediatric Neurology

Interested candidates should send their formal CV to:

Zac Wilberger, Physician Recruiter
Nemours Children's Health
zac.wilberger@nemours.org

Nemours Children's Health is an internationally recognized, multi-site pediatric healthcare system built upon a centralized, efficient and collaborative infrastructure committed to improving the health of all children. The mission of Nemours is to improve the health and health care of children by seeking new approaches to the prevention, diagnosis, and treatment of childhood diseases, and to educate the next generation of leaders in children's health.

As one of the nation's premier pediatric health care systems, Nemours provides world-class clinical care in four states – Delaware, Florida, New Jersey and Pennsylvania. Located in Wilmington, Delaware, Nemours Children's Hospital, Delaware offers intensive and acute inpatient and outpatient services covering more than 30 pediatric specialties. Ranked among the nation's best in pediatric specialty care by U.S. News & World Report, this world-renowned teaching hospital has served children from 42 states and 14 nations. Extending the world-class care of Nemours Children's Hospital, Delaware, the Nemours Children's Clinic provides expert care for even more children across the Delaware Valley through community-based physician services and collaborative partnerships with health and hospital systems.

ABOUT US

As one of the nation's premier pediatric health care systems, we've made a promise to do whatever it takes to

prevent and treat even the most disabling childhood conditions. It's a promise that extends beyond our nationally recognized clinical treatment to an entire integrated spectrum of research, advocacy, education, and prevention.

Equity, diversity, and inclusion guide our growth and strategy. We are looking for individuals who are passionate about, and committed to, leading efforts to provide culturally relevant care, reducing health disparities, and helping build a diverse and inclusive environment. All Nemours Associates are expected to ensure that these philosophies are embedded in their day-to-day work with colleagues, patients and families.

Nemours aspires to have its workforce and providers reflect the rich diversity of the communities we serve. Candidates of diverse backgrounds, race and ethnicity, religion, age, gender, sexual orientation, and those committed to working with diverse populations and conversant in multicultural values are strongly encouraged to apply. Please click here to review Nemours Anti-Racism Statement (nemours.org).

To learn more about Nemours and our commitment to treat every child as if they were our own, visit us at www.nemours.org.

ABOUT THE TEAM

At Nemours, our physicians work together – across specialties, clinics, and hospitals – to give children care that's among the safest, most caring, and compassionate. This unique collaboration has earned Nemours a place among the most respected pediatric health care systems in the nation.

As part of a pediatric health system with both clinical and academic partnerships, we are 100% focused on ensuring a healthier future for children. We strive for excellent outcomes across all of our medical and surgical specialties - and we measure these outcomes in order to provide consistent, top-rated care.

Nemours physicians are committed to family-centered care and to making families true partners in every aspect of a child's treatment and care.

Florida

See Joe DiMaggio Children's Hospital ad at right.

Pediatric Neurologist

JOB DESCRIPTION:

Nemours Children's Hospital, Orlando is adding a Pediatric Neurologist to our rapidly growing team.

This key position represents an outstanding opportunity to help facilitate the continued growth phase of Nemours in Central Florida. Subspecialty expertise such as Epilepsy, Headache, Neurodevelopmental Disabilities or others are a welcome addition, but not required for this general child neurology position. We have a busy outpatient practice with strong ancillary support including advanced practice providers, nurses, certified EEG technicians and social worker. Research opportunities are encouraged, along with teaching medical students, adult neurology residents and pediatric residents, with academic appointments available through the University of Central Florida College of Medicine. Department goals include the development of a Comprehensive Epilepsy Program and Child Neurology Residency programs.

Physician candidates must be eligible for unrestricted Florida License, have completed a Pediatric Neurology Residency or Neurodevelopmental Disabilities Residency and be ABPN Certified/Eligible in Pediatric Neurology. On call neurologist provides coverage for the pediatric inpatient floor, PICU, NICU, and pediatric emergency department for one-week rotations with 4 other neurologists.

Interested candidates should send their formal CV to:

Zac Wilberger, Physician Recruiter
zac.wilberger@nemours.org

Nemours Children's Health is an internationally recognized, multi-site pediatric healthcare system built upon a centralized, efficient and collaborative infrastructure committed to improving the health of all children. The mission of

Nemours is to improve the health and health care of children by seeking new approaches to the prevention, diagnosis, and treatment of childhood diseases, and to educate the next generation of leaders in children's health.

Nemours Children's Hospital, Orlando is the newest addition to the Nemours integrated healthcare system. Our 130-bed pediatric hospital also features the area's only 24-hour Emergency Department designed just for kids as well as outpatient pediatric clinics including several specialties previously unavailable in the region. A hospital designed by families for families, Nemours Children's Hospital blends the healing power of nature with the latest in healthcare innovation to deliver world-class care to the children of Central Florida and beyond. In keeping with our goal of bringing Nemours care into the communities we serve, we also provide specialty outpatient care in several clinics located throughout the region.

ABOUT US:

As one of the nation's premier pediatric health care systems, we've made a promise to do whatever it takes to prevent and treat even the most disabling childhood conditions. It's a promise that extends beyond our nationally recognized clinical treatment to an entire integrated spectrum of research, advocacy, education, and prevention.

Equity, diversity, and inclusion guide our growth and strategy. We are looking for individuals who are passionate about, and committed to, leading efforts to provide culturally relevant care, reducing health disparities, and helping build a diverse and inclusive environment. All Nemours Associates are expected to ensure that these philosophies are embedded in their day to day work with colleagues, patients and families.

To learn more about Nemours and our commitment to treat every child as if they were our own, visit us at www.nemours.org.

ABOUT THE TEAM:

At Nemours, our physicians work together—across specialties, clinics, and hospitals—to give children care that's among the safest, most caring, and

compassionate. This unique collaboration has earned Nemours a place among the most respected pediatric health care systems in the nation.

As part of a pediatric health system with both clinical and academic partnerships, we are 100% focused on ensuring a healthier future for children. We strive for excellent outcomes across all of our medical and surgical specialties - and we measure these outcomes in order to provide consistent, top-rated care.

Nemours physicians are committed to family-centered care and to making families true partners in every aspect of a child's treatment and care.

Website:

https://epyz.fa.us2.oraclecloud.com/hcmUI/CandidateExperience/en/sites/CX_1/requisitions/

Pediatric Epilepsy – St. Petersburg, Florida

Johns Hopkins All Children's Hospital (JHACH) in St. Petersburg, Florida seeks an additional Pediatric Epileptologist to join our established program. Requirements include board eligibility/board certification in child neurology with fellowship training in epilepsy or clinical neurophysiology. JHACH is a 259-bed teaching hospital, ranked as a U.S. News & World Report Best Children's Hospital in eight pediatric specialties including Neurology and Neurosurgery (2021-2022). We are also ranked as the #1 Children's Hospital in Florida. JHACH is the only US hospital outside the Baltimore/Washington, D.C. location that is part of the Johns Hopkins Medicine system. Our experienced multidisciplinary team including exceptional Child Neurologists and Pediatric Neurosurgeons makes JHACH an ideal setting for new and recent graduates.

Our NAEC Level IV Epilepsy Center provides the full spectrum of epilepsy services, and we specialize in the comprehensive evaluation of patients who have difficult-to-treat epilepsy. The practice is limited to the evaluation of intractable epilepsy for advanced procedures such as epilepsy surgery,

vagus nerve stimulation, ketogenic diet, complex medication management and clinical trials. We have an active epilepsy surgery program supported by the largest team of pediatric neurosurgeons in Florida. Members of our team have extensive experience with our state-of-the-art technologies including the robotic ROSA device, Monteris LITT laser ablation, and responsive neurostimulation. The epilepsy monitoring unit has six beds, integrated on the neurosurgery/neurology ward.

As members of the Johns Hopkins All Children's Institute for Brain Protection Sciences, our Pediatric Epilepsy and Child Neurology team regularly draws upon the expertise of specialists in Neurosurgery, Neuroimaging, Neuro-oncology and Neuropathology. This multidisciplinary institute unites clinicians, researchers and educators in a comprehensive program to promote optimal neurodevelopment early in life. The \$100 million Research and Education Building houses our graduate medical education and simulation programs, as well as an expanded biorepository. Members of the faculty consistently participate in the education of Neurology and Pediatrics residents and our Neuro-Oncology fellowship provides faculty with additional opportunities for teaching and research. In addition to providing clinical care, participation in research will be strongly supported and encouraged. Qualified candidates are eligible for an academic appointment at Johns Hopkins University School of Medicine (academic rank is open and commensurate with experience).

The Tampa-St. Petersburg region is a premier place to work and live, offering year-round sunshine, abundant cultural and recreational activities, sports venues, excellent schools, and an affordable cost of living. We are centrally located to many of Florida's amenities, only minutes from Tampa and the beautiful gulf beaches, two hours from Orlando and four hours from Miami. To learn details, please contact:

Joe Bogan
Providence Healthcare Group
817-424-1010 (direct dial)
jbogan@provd.com

Child Neurologist, AdventHealth for Children

The Walt Disney Pavilion at AdventHealth for Children is looking for a dynamic and energetic pediatric neurologist to join a fast growing multidisciplinary pediatric neuroscience program to help further develop general and subspecialty neuroscience programs.

Currently, the pediatric neuroscience center at AdventHealth for Children has a level IV comprehensive epilepsy center, sleep center, multidisciplinary

neurofibromatosis clinic, Tuberous Sclerosis Complex clinic, congenital neurosurgery clinic, and craniofacial clinic supported by a strong group of neuroradiologists and neuropsychologists. The hospital has a 20 bed dedicated neuroscience inpatient unit with an embedded 8 bed epilepsy monitoring unit which will grow to 24 beds in a newly renovated neuroscience floor. Diagnostic facility includes a state-of-art 3T MRIs, PET, SPECT, and MEG center.

Responsibilities of the new physician will include our comprehensive general



Pediatric Neurology Physician Opportunity - Hollywood, FL

Joe DiMaggio Children's Hospital is seeking a pediatric neurologist to join a group of 10 pediatric neurologists, three of which are specialized in epilepsy. Interested physicians should be BE/BC in neurology with special qualification in child neurology. Additional fellowship training is welcomed although not required. Research initiatives will be fully and actively supported through the Office of Human Research, though this is not a requirement of the position.

About Joe DiMaggio Children's Hospital

Joe DiMaggio Children's Hospital (JDCH) is a 226 bed free-standing children's hospital in Hollywood, Broward County, Florida located near Fort Lauderdale. The hospital is currently undergoing a 4-story vertical expansion to double the number of floors and to continue to meet its commitment to providing the highest quality and safest care for children in the region. This expansion is scheduled to open the Fall of 2022 and includes a new CVICU and Cardiac Step Down Unit as well as state-of-the-art ORs and cath labs.

JDCH is one of six hospitals that are part of Memorial Healthcare System, the third largest public health system in the country. Memorial delivers nearly 14,000 babies per year in three hospitals and has 132 Neonatal Intensive Care Unit (NICU) beds – both Level II and III services (the state of Florida does not yet have a separate designation for Level IV care).

JDCH serves over 375,000 children per year from around the state. Approximately 100,000 children are cared for in our three emergency rooms across the county per year. JDCH's services continue to grow with the opening of the new specialty center/ambulatory surgery center in Palm Beach County in 2018 and a new ambulatory pavilion in Miramar, near Miami-Dade County which will open in 2022.

To see full job description and/or submit your CV for consideration, please visit memorialphysician.com. Additional information about Joe DiMaggio Children's Hospital can be found at jdch.com.



LIVE. WORK. PLAY.

[visit memorialphysician.com](http://visit.memorialphysician.com)

FLORIDA CONTINUED

neurology service in both inpatient and outpatient settings. Subspecialty program interests can certainly be developed as well (neuromuscular, neonatal, neurocutaneous syndrome, movement disorder, and spasticity).

Working with an expanding and committed children's hospital, an established and successful Level IV Peds Epilepsy program with a strong referral base, a dedicated inpatient unit, a strong employed physician multi-specialty group, a family-centered practice atmosphere, the ability to build and shape a program, and a competitive benefits / compensation package are just a few of the many reasons why this is an excellent career opportunity to consider.

Requirements of the position:

Board certified or board eligible through the American Board of Psychiatry and Neurology with special qualification in child neurology

Strong communication skills with patient first mindset

Website:

https://www.adventhealthfloridaphysicianjobs.com/Physician_Job/Details/Child-Neurologist-AdventHealth-for-Children/41373

Contact:

Jason Junker
Jason.Junker@AdventHealth.com

Division Chief – Child Neurology Johns Hopkins All Children's Hospital in St. Petersburg, Florida

Johns Hopkins All Children's Hospital (JHACH) in St. Petersburg, Florida seeks a division chief to lead our established and expanding program. JHACH is a 259-bed teaching hospital, ranked as a U.S. News & World Report Best Children's Hospital in eight pediatric specialties including Neurology and Neurosurgery (2021-2022). We are also ranked as the #1 Children's Hospital in Florida. JHACH is the only US hospital outside the Baltimore/Washington, D.C. location that is part of the Johns Hopkins Medicine system. We seek an experienced and innovative leader to grow and expand our academic mission and clinical programs.

The ideal candidate will be a strong clinician/academic who is interested in incorporating both into their practice. You will work within a dynamic academic environment located on an expanding clinical campus in St. Petersburg. As members of the Johns Hopkins All Children's Institute for Brain Protection Sciences, our Pediatric Epilepsy and Child Neurology teams draw upon the expertise of specialists in Neurosurgery, Neuroimaging, Neuro-oncology and Neuropathology. This multidisciplinary institute unites clinicians, researchers and educators in a comprehensive program to promote optimal neurodevelopment early in life. The \$100 million Research and Education Building houses our graduate medical education and simulation programs, as well as an expanded biorepository facility. Members of the faculty participate in the education of Neurology, Neurosurgery and Pediatrics residents and fellows. Our Neuro-Oncology fellowship provides faculty with additional opportunities for teaching and research. We are currently in the process of planning for a Pediatric Neurology Residency Program to start in 2024.

In addition to providing clinical care, participation in research will be strongly supported and encouraged. Qualified candidates are eligible for an academic appointment at Johns Hopkins University School of Medicine (academic rank is open and commensurate with experience).

The Tampa-St. Petersburg region is a premier place to work and live, offering year-round sunshine, abundant cultural and recreational activities, sports venues and excellent schools. We are centrally located to many of Florida's amenities, only minutes from Tampa and the beautiful gulf beaches, two hours from Orlando and four hours from Miami. To confidentially learn details, please contact:

Joe Bogan,
Providence Healthcare Group
817-424-1010(office)
jbogan@provd.com

Johns Hopkins All Children's Hospital and its affiliates are an Equal Opportunity/Affirmative Action employer. All qualified

applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity and expression, age, national origin, mental or physical disability, genetic information, veteran status, or any other status protected by federal, state, or local law.

Pediatric Neurology – Clinical Assistant/Associate Professor

The University of Florida's Department of Pediatrics is seeking two full-time Assistant or Associate Professors to pursue careers within the Division of Pediatric Neurology. The department is comprised of 7 faculty members with a wide variety of specialties including epileptologists, neuromuscular, and autonomic disorders. The department of Pediatric Neurology has a vigorous clinical service, thriving residency program, and ample research opportunities available. Excellence in teaching medical students, residents, and fellows is expected. Salary and faculty rank will be commensurate with experience and academic qualifications.

The University Of Florida Department Of Pediatrics is dedicated to improving the health of infants, children, and adolescents through world-class patient care, leading-edge research, and patient advocacy. UF Health Shands Children's Hospital is No. 1 in Florida, nationally ranked in eight medical specialties. Gainesville is a vibrant university community with diverse cultural and culinary offerings, easy access to nature, and low cost of living.

Website:

<https://explore.jobs.ufl.edu/en-us/job/520812/pediatric-neurology-clinical-assistantassociate-professor>

Contact:

Kristin Buch
buchkrl@ufl.edu

Illinois

Pediatric Neurologist Position at Healthgrades Top 50 Hospital in Illinois

Carle Health is seeking an additional BE/BC Pediatric Neurologist to join our established department at Carle Foundation Hospital in Urbana, Illinois.

Opportunity Details Include:

- 100% Child Neurology practice with two other Pediatric Neurologists, a dedicated Advanced Practice Provider and experienced support staff
- Flexible scheduling and call consisting of only Pediatric Neurology patients
- 24-hour telephone nurse advisory system in place to help ease demands of call
- Onsite MRI and CAT scanning equipment
- Referral base from more than 20 general Pediatricians
- Excellent benefits package: health/dental/life insurance, 403-B plan with employer match, LTD, relocation allowance, CME allowance, and paid malpractice insurance with 100% tail insurance covered
- 24 hour in-house coverage provided by Anesthesia, Intensivists, Trauma, and ED; Pediatric Hospitalist & PICU are available 24/7
- Other Pediatric subspecialists include: Critical Care, Surgery, Cardiology, Neurosurgery, Pulmonology, Gastroenterology, Endocrinology, Genetics, Urology, Pediatric Psychologists, Oncology and Developmental-Behavioral
- Dedicated Neonatal and Obstetric air and ground and Pediatric transport services
- Carle Foundation Hospital is a 453-bed Level I Trauma Center with Level III Perinatal services and is a Level III Epilepsy Center accredited by the National Association of Epilepsy Centers (NAEC)
- Established sleep program and support from our established Neurosciences Institute which includes 7 Neurosurgeons, two Neuro-Ophthalmologists, six adult Neurologists, and three Neuropsychologists on staff

- Teaching and research opportunities available with the Carle Illinois College of Medicine, the nation's first medical school focused at the intersection of healthcare and engineering

About Carle:

Based in Urbana, IL, The Carle Foundation is a vertically integrated system with more than 9,500 employees in its five hospitals, multi-specialty physician groups, health plan and associated healthcare businesses including the Carle Illinois College of Medicine, the world's first engineering-based medical school. Carle is proud to be named a Great Place to Work®. Carle Foundation Hospital and Carle BroMenn Medical Center hold Magnet® designation, the nation's highest honor for nursing care and Carle Foundation Hospital (CFH) ranks as one of America's 50 Best Hospitals™ by Healthgrades®.

Website:

<https://carle.org/For-Providers/Careers/open-positions/a6999197e34e24e889e20878d711e99b>

Contact:

Brynn Howard
brynn.howard@carle.com

Maryland

Pediatric Neurologist Attending

The Herman and Walter Samuelson Children's Hospital at Sinai Hospital in Baltimore, Maryland seeks a BC/BE General Pediatric Neurologist to join our pediatric neurology practice.

The ideal candidate should have an interest in practicing general pediatric neurology and teaching. Added experience in epileptology and reading EEGs is preferred but not required. The position is available to start on July 1, 2022 and offers a competitive salary and benefits package, including a wRVU incentive bonus opportunity, annual CME support and potential relocation assistance. Faculty appointments commensurate with experience are available from our affiliated medical institutions, Johns Hopkins University, University of Maryland, Georgetown University.

- We are a well-established pediatric neurology practice with expertise in epilepsy and neuromuscular disorders. There is opportunity for personal and professional growth.
- The division includes three attending physicians and collaboration with adult neurology in the Sandra and Malcolm Berman Brain and Spine Institute.
- We are supported by The Herman & Walter Samuelson Children's Hospital on the Sinai campus that is equipped for inpatient and outpatient EMU, includes a pediatric hospitalist service, a full-time intensive care unit.

The hospital campus is ideally located within easy driving distance of the Baltimore Inner Harbor, National Aquarium, Hippodrome Theater, Orioles Park at Camden Yards and the Baltimore Ravens M&T Bank Stadium. We are also close to historic Annapolis, the Chesapeake Bay, Washington, DC and many residential communities with outstanding public and private schools. The area offers excellent universities and colleges, a rich cultural fabric and unique recreational and dining opportunities.

Contact:

Debra Counts
dcounts@lifebridgehealth.org

Child Neurologist

The Herman and Walter Samuelson Children's Hospital at Sinai Hospital in Baltimore, Maryland seeks a BC/BE General Pediatric Neurologist to join our pediatric neurology practice. The ideal candidate should have an interest in practicing general pediatric neurology and teaching. Added experience with reading EEGs and/or TCDs is preferred. The position is available to start on July 1, 2022.

- We are a well-established pediatric neurology practice with expertise in epilepsy and neuromuscular disorders. There is an opportunity for personal and professional growth.
- The division includes three attending physicians and offers opportunities for collaboration with our adult neurology colleagues in the nationally recognized LBH Sandra and Malcolm Berman Brain and Spine Institute.

MARYLAND CONTINUED

- We are supported by The Herman & Walter Samuelson Children's Hospital on the Sinai campus that is equipped for inpatient and outpatient EMU, includes a pediatric hospitalist service, a full-time intensive care unit and child-life among other psycho-social services.

About Baltimore, Maryland:

The hospital campus is ideally located within easy driving distance of the Baltimore Inner Harbor, National Aquarium, Hippodrome Theater, Orioles Park at Camden Yards and the Baltimore Ravens M&T Bank Stadium. We are also close to historic Annapolis, the Chesapeake Bay, Washington, DC and many residential communities with outstanding public and private schools. The area offers excellent universities and colleges, a rich cultural fabric and unique recreational and dining opportunities.

Interested candidates please send your CV to:

Debra Counts, MD., Associate Chair of Pediatrics
dcounts@lifebridgehealth.org

CNS PERSONNEL REGISTRY

Massachusetts

Translational Post-Doctoral Fellow in Neurodevelopment at Boston Children's Hospital / Harvard Medical School

Interdisciplinary – Translational Post-Doctoral Training Program in Neurodevelopment at Boston Children's Hospital / Harvard Medical School

Basic and Clinical Research

Postdoctoral Research Fellowships: two-year fellowships funded by the National Institute of Mental Health (NIMH) are available for MD, PhD, MD/PhD applicants from the fields of psychiatry, psychology, pediatrics, neurology, genetics, neuroscience, developmental biology, computer science and related fields who seek to improve or expand their ability to conduct interdisciplinary-translational research in neurodevelopmental disorders.

Trainees accepted into the postdoctoral training program will work collaboratively with two program mentors (one preclinical and one clinical), who will help to define, enhance and monitor the trainee's research program and career trajectory. The training program also offers various didactic courses and activities (e.g., workshops on research methods and grant writing, journal club and career lunches) to promote professional development.

This program has an outstanding success rate for training postdoctoral fellows who go on to become highly productive independent researchers. Creative, energetic and dedicated candidates are particularly encouraged to apply, as are candidates from backgrounds typically underrepresented in higher education.

The application deadline is April 15th, with the expectation that trainees will be selected by May 2nd and will start July 1st, 2022. Applicants must be U.S. citizens or permanent residents with an MD and/or PhD (must be completed at the time training begins). Commitment to the goals of the program and strong academic and research credentials are important criteria used in the selection process. For additional information on the T32 training program and application procedures, please contact the Program Administrator, Gregory Geisel at T32translationaldevelopment@childrens.harvard.edu.

For more details about our fellowship, please visit our fellowship page on the Rosamund Stone Zander Translational Neuroscience Center (RSZ TNC) website: <https://rsztncc.org/fellowships/>

CNS PERSONNEL REGISTRY

Minnesota

Pediatric Neurologist

Join the authority in medicine and partner with the nation's best hospital (U.S. News & World Report 2021-2022), ranked #1 in more specialties than any other care provider. At Mayo Clinic, we believe there is a better path to healing

that humanizes the practice of health care and inspires hope in the people who need it most. You will be part of an amazing diverse team committed to solving the most serious and complex medical challenges – one patient at a time.

Mayo Clinic is the leading academic medical center in the world and is consistently ranked as the #1 hospital and #1 in more specialties than any other hospital by US News & World Report. Mayo Clinic continuously drives innovation and excellence on the world stage with a strong commitment to our primary value – the needs of the patient come first – delivering the highest quality, safety, and experience at a sustainable cost.

The Department of Neurology at Mayo Clinic in Rochester, MN is seeking a general Child Neurologist with subspecialty expertise to join our practice. Emphasis is given to those individuals with expertise in Headache, Movement Disorders, Neonatal Neurology, Neurogenetics and Hospital Practice.

The Department of Neurology includes over 100 board certified neurologists and 13 child neurologists, offering highly skilled, state-of-the-art neurological care. The Division of Child and Adolescent Neurology is part of the Mayo Clinic Children's Center, a multi-disciplinary group practice that focuses on providing comprehensive, high quality, compassionate medical and surgical care to children and adolescents. The Center includes 200 pediatric specialty physicians, scientists and researchers – spanning 30 medical and surgical departments – who provide care for over 50,000 children and teens each year.

The Division of Child and Adolescent Neurology is seeking an individual with a strong interest in clinical practice with a subspecialty focus and a track record, or high potential, of academic success in research or education within these areas. The candidate must demonstrate strong interpersonal skills and capacity to work collaboratively.

Mayo Clinic is located in the heart of Rochester, Minnesota, a vibrant, friendly city that provides a highly livable environment for more than 34,000 Mayo staff and students. The city is consistently ranked among the best places to live in the United States because of its affordable cost of living, healthy lifestyle, excellent school systems, and exceptionally high quality of life. Mayo Clinic is ranked No.1 in the nation by U.S. News and World Report (2021-2022 Best Hospitals).

Our multi-disciplinary group practice focuses on providing high quality, compassionate medical care. We are the largest integrated, not-for-profit medical group practice in the world with approximately 3,800 physicians and scientists across all locations working in a unique environment that brings together the best in patient care, groundbreaking research, and innovative medical education. Mayo Clinic Health System connects Mayo Clinic's respected expertise with Mayo's community-focused multispecialty groups in 75 communities. We offer a highly competitive compensation package, which includes exceptional benefits. Candidates must be an M.D. or D.O. (or foreign equivalent) with a Minnesota license or eligibility for a Minnesota license. Candidates must be APBN board certified in Neurology. Mayo Clinic is located in the heart of downtown Rochester, Minnesota, a vibrant, friendly city that provides a highly livable environment for more than 34,000 Mayo staff and students.

The city is consistently ranked among the best places to live in the United States because of its affordable cost of living, healthy lifestyle, excellent school systems and exceptionally high quality of life.

Contact:
https://ars2.equest.com/?response_id=b0928e417909639a2e0b6fdb0d8b6100

CNS PERSONNEL REGISTRY

Missouri

Pediatric Neurologist | Mercy Children's Hospital in St. Louis, MO

Mercy Children's Hospital in St. Louis is seeking a Pediatric Neurologist to join the established program within our affiliated Mercy Clinic in St. Louis County, Missouri.

About Mercy Children's Hospital:

- 98 bed NICU, 12 bed PICU, and 45 IP Pediatric beds
- Over 9,000 births annually, with 1,340 NICU admissions a year
- 24-hour in-house neonatology and pediatric hospitalist coverage
- Excellent pediatric anesthesia, radiology and pathology
- Powered by more than 700 pediatricians and family doctors in partnership with 125 pediatric specialists
- Over 22,000 pediatric emergency visits annually in our modern 12-bed unit
- High-risk Maternal/Fetal Medicine program
- Member of Children's Hospital Association
- Mercy Clinic Children's Heart Center

The successful candidate will:

- Have an outpatient clinic, provide inpatient care and perform EEG readings
- Receive practice management services
- Share call with the other Pediatric Neurologist
- Receive relocation assistance and malpractice coverage

Mercy hospitals and clinics are based in St. Louis County and surrounding communities near excellent neighborhoods, public and private schools, restaurants, hiking and biking trails, and more.

Mercy Clinic is a physician-led and professionally managed multi-specialty group. With over 2,500 primary care and specialty physicians, Mercy Clinic is the fourth largest integrated physician organization in the country, behind only Kaiser Permanente Medical Group, Cleveland Clinic and Mayo Clinic.

Working for Mercy gives you all the advantages of a larger organization balanced by the spirit of a smaller patient-centered medical group. You'll discover a friendly and cooperative environment where people care for one another at every level. What sets us apart is our unique approach where physicians and professional managers share leadership and make decisions together to improve upon, and deliver, world-class care.

Your life is our life's work.

For more information, contact:
Lisa Hauck, MBA | Senior Physician Recruiter
314-364-3840 | lisa.hauck@mercy.net
mercy.net/PedsCardiology | mercy.net/MercyKids
EOE/AA/Minorities/Females/Disabled/Veterans Employer

Section Chief of Pediatric Neurology / Dartmouth Health Children's

The Section of Pediatric Neurology at Dartmouth Health Children's and The Geisel School of Medicine at Dartmouth seeks its next Section Chief of Pediatric Neurology. This individual will oversee and develop the clinical and academic missions of the Section, including its educational and research activities.

Dartmouth Health Children's is the pediatric service of Dartmouth Health, an integrated academic healthcare delivery system for northern New England anchored by Dartmouth Hitchcock Medical Center (DHMC) in Lebanon, New Hampshire. DHMC is recognized by US News & World Report as the #1 Hospital in NH and is home to the Dartmouth Cancer Center (a National Cancer Institute designated comprehensive cancer center), the renowned Dartmouth Institute for Health Policy and Clinical Practice, and CHaD – Children's Hospital at DHMC – NH's only children's hospital and the flagship for Dartmouth Health Children's.

Dartmouth Health Children's provides an extended system of care with primary, specialty, and advanced tertiary pediatric services, including an inpatient pediatric

MISSOURI CONTINUED

unit with PICU and a level III NICU at CHaD as well as a comprehensive ambulatory specialty center at the Dartmouth Hitchcock Clinic in Manchester, the largest city in the state.

The Section of Pediatric Neurology provides strong programs in general clinical pediatric neurology, pediatric neuro-oncology, neuro-metabolic and neuro-degenerative diseases; and a center of excellence in pediatric epilepsy in conjunction with the Dartmouth Health Department of Neurology, which boasts the only NAEC level 4 epilepsy center in New Hampshire.

Teaching residents and medical students is expected, so eligibility for academic appointment at The Geisel School of Medicine is required, at a rank commensurate with experience and academic portfolio. Opportunities for clinical, translational, and health services research exist for the interested candidate. Candidate requirements include fellowship training and board certification in pediatric neurology, demonstrated leadership experience, organizational and mentoring skills and a record of significant scholarly achievement.

Physicians at Dartmouth Health Children's enjoy the rare opportunity to combine high level academic medicine with a serene and stress-free living environment. Lebanon is part of the Upper Connecticut River Valley, home to Dartmouth College and its abundant cultural and enrichment activities. Greater Manchester is often ranked among the best small cities in the United States for quality of life. With destinations like Boston, New York, Montreal, the seacoast and ski country within driving distance, this is the ideal place to work, live, and play.

To confidentially learn details, please contact:
Joe Bogan
President
Providence Healthcare Group
(817) 424-1010 (Direct)
jbogan@provd.com

CNS PERSONNEL REGISTRY

New Hampshire

The Section of Pediatric Neurology at Dartmouth Health Children's and The Geisel School of Medicine at Dartmouth seeks its next Section Chief of Pediatric Neurology. This individual will oversee and develop the clinical and academic missions of the Section, including its educational and research activities.

Dartmouth Health Children's is the pediatric service of Dartmouth Health, an integrated academic healthcare delivery system for northern New England anchored by Dartmouth Hitchcock Medical Center (DHMC) in Lebanon, New Hampshire. DHMC is recognized by US News & World Report as the #1 Hospital in NH and is home to the Dartmouth Cancer Center (a National Cancer Institute designated comprehensive cancer center), the renowned Dartmouth Institute for Health Policy and Clinical Practice, and CHaD – Children's Hospital at DHMC – NH's only children's hospital and the flagship for Dartmouth Health Children's.

Dartmouth Health Children's provides an extended system of care with primary, specialty, and advanced tertiary pediatric services, including an inpatient pediatric unit with PICU and a level III NICU at CHaD as well as a comprehensive ambulatory specialty center at the Dartmouth Hitchcock Clinic in Manchester, the largest city in the state.

The Section of Pediatric Neurology provides strong programs in general clinical pediatric neurology, pediatric neuro-oncology, neuro-metabolic and neuro-degenerative diseases; and a center of excellence in pediatric epilepsy in conjunction with the Dartmouth Health Department of Neurology, which boasts the only NAEC level 4 epilepsy center in New Hampshire.

Teaching residents and medical students is expected, so eligibility for academic appointment at The Geisel School of Medicine is required, at a rank commensurate with experience and academic portfolio. Opportunities for clinical, translational, and health

services research exist for the interested candidate. Candidate requirements include fellowship training and board certification in pediatric neurology, demonstrated leadership experience, organizational and mentoring skills and a record of significant scholarly achievement.

Physicians at Dartmouth Health Children's enjoy the rare opportunity to combine high level academic medicine with a serene and stress-free living environment. Lebanon is part of the Upper Connecticut River Valley, home to Dartmouth College and its abundant cultural and enrichment activities. Greater Manchester is often ranked among the best small cities in the United States for quality of life. With destinations like Boston, New York, Montreal, the seacoast and ski country within driving distance, this is the ideal place to work, live, and play.

To confidentially learn details, please contact:
Joe Bogan
President
Providence Healthcare Group
(817) 424-1010 (Direct)
jbogan@provd.com

CNS PERSONNEL REGISTRY

New Jersey

Board Certified Pediatric Neurologist

St Joseph's Health

The opportunity is to join the St Joseph's Children's Hospital in Paterson New Jersey. St. Joseph's Health is comprised of St. Joseph's University Medical Center and St. Joseph's Children's Hospital on the Paterson campus, St. Joseph's Wayne Medical Center, on the Wayne campus, St. Joseph's Healthcare and Rehab in Cedar Grove, and Visiting Health Services of New Jersey.

St. Joseph's Health is the largest employer in Passaic County, the third largest provider of charity care in New Jersey, and the health care provider of choice for the residents of the region.

St. Joseph's Health is once again ranked as one of the best hospitals in the New York Metropolitan Area and among the top 10 in the State of New Jersey by U.S. News & World Report for 2016-17. The annual U.S. News Best Hospitals.

<https://www.stjosephshealth.org/home-page-articles/item/1874-us-news-world-report>

Practice Opportunity: Pediatric Neurology

The incoming Pediatric neurologist will work a full time schedule and will have the opportunity to do research and teach. There are multiple practice locations for neurology services including Paterson, Wayne and Paramus. The practices operate 5 days per week, with rotation to all three locations each week. Call rotation is 1:3. Approximately 10-20% of time can be devoted to teaching/research.

Our Inpatient and Outpatient service treats children and young adults (birth through 21 years of age) and works with their families to diagnose and manage a full range of neurologic conditions, such as:

- Seizure and Epilepsy
- Headache, Concussion and Head Trauma
- Developmental delay and Autism
- Neuromuscular disorders, hypotonia, spasticity
- Cerebral Palsy and Stroke

Our procedural, testing and counseling service includes:

- Autonomic Testing
- Neurocognitive Testing CNS VS/IMPACT
- Botox Therapy to manage spasticity and chronic migraines
- Video/Ambulatory EEG Testing
- Patient education and training
- Nutritional services
- Social work counseling

Our approach is multidisciplinary and tailored to each individual's medical and developmental needs. Our team includes:

- Board-certified Pediatric Neurologist, and Epileptologist
- Nurse practitioner

- Social workers
- Nutritionists
- Rehabilitation services

The Offer

- Employed by St. Joseph's Health
- Competitive salary
- Health and Dental
- 403B Retirement
- Life and Disability Insurance
- 7 holidays
- One week for CME and \$2500 CME Allowance
- Malpractice

The Candidate

- Board Certified Pediatric Neurologist

Dr Michael Lamacchia MD is the Chairman for the Department of Pediatrics and Dr. Poorvi Patel is the Section Chief of Neurology.

If interested, please submit your CV to Janet Bowen, Director Saint Joseph's Health Children's Hospital, via email at bowenj@sjhmc.org or call 973-754-2282.

CNS PERSONNEL REGISTRY

New Mexico

Child Neurologist Needed in Southwest

The Presbyterian Children's Service Line encompasses both inpatient and outpatient services for specialty pediatric care, including a 21-bed Pediatric Intensive Care Unit; a 56-bed Neonatal Intensive Care Unit; and a 36-bed Pediatric Unit. We have pediatric intensivist, neonatologist and pediatric hospitalist service in-house 24/7. Our pediatric subspecialties include cardiology, pediatric cardiovascular surgery, neurology, endocrinology, surgery, ENT, pulmonology, gastroenterology, hematology and oncology, feeding and development, chronic care, infectious disease, nephrology, and radiology.

We are seeking a Fellowship trained BC/BE Pediatric Neurologist to join our rapidly growing pediatric Neurology practice.

What We're Offering:

- Join an established, multi-specialty medical group
- A collegial work environment with easy access to well-qualified specialists
- Enjoy all of New Mexico's beauty and lifestyle
- Nationally competitive salary with relocation allowance available
- Generous time off program (vacation, sick leave, CME, and holiday)
- Comprehensive benefits package
- CME allowance
- Fully paid malpractice insurance
- Exceptional retirement plans - 403b retirement savings program with both matching program and employer contributions

Practice Highlights:

- Excellent Support from pediatric intensivists, hospitalists and neonatologists
- Ability to influence the growth of the program.
- Practice integrated in a thriving multispecialty clinic setting
- System-Wide EPIC EMR

What We're Seeking:

- Must be BC/BE in Pediatric Neurology
- Outstanding patient care qualities, highly motivated with an interest to grow their practice
- Patient-focused and willing to collaborate and work in a team environment
- Ability to obtain a medical license to practice in the state of New Mexico

Please contact Tammy Duran at (505) 923-5567 or by email at tduran2@phs.org for more details. Text #pedsneuro to (505) 587-8704.

AA/EOE/VET/DISABLED. PHS is a drug-free and tobacco-free employer with smoke-free campuses.

New York

Faculty, Division of Child Neurology (General / Headache)

Assistant or Associate Professor, Pediatric Neurology, General Child Neurology / Pediatric Headache Medicine, Weill Cornell Medicine Department of Pediatrics

The Division of Child Neurology at Weill Cornell Medical College is seeking a full-time general child neurologist with an interest in pediatric headache medicine for a faculty position in the Division. This position will include clinical responsibilities at New York Presbyterian – Weill Cornell Medical Center in Manhattan, NY. The Division provides a wide range of clinical services in conjunction with a vibrant research program in developmental neurosciences as a component of the Tri-institutional program with Rockefeller University and Memorial Sloan-Kettering Cancer Center. The Division participates in an ACGME-accredited child neurology residency program and pediatric epilepsy fellowship. The Division works closely with the Weill Cornell Medicine Department of Neurology, which has a nationally recognized adult headache program and four UCNS certified headache specialists.

Responsibilities include inpatient and outpatient service locations. Academic activities will include the teaching and mentoring of pediatric neurology and adult neurology residents, as well as medical students. Successful applicants should be board eligible / board certified in Child Neurology. Additional fellowship training in headache medicine is desirable. An interest in clinical and/or translational research is welcomed. The position offers a competitive salary and benefits package and academic rank commensurate with experience.

Diversity is one of Weill Cornell Medicine's core values and is essential to achieving excellence in patient care, research, and education. We welcome applications from candidates who share our commitment to fostering a culture of fairness, equity, and

belonging. Weill Cornell Medicine is an Equal Employment Opportunity Employer, providing equal employment opportunities to all qualified applicants without regard to race, sex, sexual orientation, gender identity, national origin, color, age, religion, protected veteran or disability status, or genetic information.

All interested applicants, please email a CV, description of clinical and academic interests, and the names of 3 references to:

Zachary Grinspan, MD MS
Interim Chief, Child Neurology
Department of Pediatrics, Weill Cornell
Medicine
Email: Zag9005@med.cornell.edu

Weill Cornell Medical College is an employer and educator recognized for valuing AA/EOE/M/F/Protected Veterans, and Individuals with Disabilities.
www.cornellpediatrics.org
www.med.cornell.edu

Pediatric Neurology

We are seeking a BE/BC Pediatric Neurologist to join the growing department of Pediatrics at The Brooklyn Hospital Center. Since 1845, The Brooklyn Hospital Center has been dedicated to providing outstanding health services, education, and research to keep the people of Brooklyn and greater New York healthy.

TBHC's focus is ensuring optimal patient care using advanced technology, innovative medical and surgical treatments, and staff expertise. Located in the heart of Downtown Brooklyn, TBHC is a clinical affiliate of The Mount Sinai Hospital and an academic affiliate of The Icahn School of Medicine at Mount Sinai. As Brooklyn's first hospital, TBHC is proud to be a part of an incredibly diverse community and is committed to Keeping Brooklyn Healthy. Make the most professional impact here.

Clinical, teaching, and administrative responsibilities include:

- Provide clinical care to both out-patients and in-patients at The Brooklyn Hospital Center

- Participate in call duties covering Neurology
- Teaching and evaluating students and residents in the program
- Displaying innovation regarding process improvements and new practices
- Motivation to further build and enhance existing neurology practice

Qualifications include:

- Graduation from an accredited Medical School
- Completion of a Pediatric Neurology Fellowship
- Current and valid NYS license to practice medicine

Team members here enjoy a stimulating work setting, a vibrant downtown Brooklyn location, and more. For inquiries, please email: nkondamudi@tbh.org or along@tbh.org. Equal Opportunity Employer

Assistant/Associate Professor, Child Neurology

Assistant/Associate Professor, Child Neurology – NYU Langone Health, a world-class patient-centered integrated academic medical center, has an exciting opportunity to join our team as an Assistant or Associate Professor on the tenure-eligible or non-tenure track at NYU Grossman School of Medicine in the Department of Neurology within the Division of Child Neurology.

Position requires strong skills in the clinical or research aspects of child neurology, as well as a commitment to excellence in teaching. Interest in a subspecialty area such as neuromuscular neurology, behavioral neurology or headache is preferred. Qualified candidates must also have a MD or MD/PhD degree and be board certified or eligible in Neurology with special qualification in Child Neurology.

To be considered, those interested must apply through Interfolio: <http://apply.interfolio.com/104199>. Applicants must upload CV. Review of applications ends when the position is filled.

For instructions on the Interfolio application process, please visit <http://tiny.cc/InterfolioHelp>.

NYU Langone Health is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply and will receive consideration without regard to race, color, gender, gender identity or expression, sexual orientation, national origin, age, religion, creed, disability, military or veteran status, genetic information or any other factor which cannot lawfully be used as a basis for an employment decision.

Contact:
Kaleb Yohay
Kaleb.Yohay@nyulangone.org

Child Neurology Opportunity

The Department of Neurology at Albany Medical College seeks BC/BE Neurologists to expand the Division of Pediatric Neurology. Applicants with an interest in general child neurology as well as those with fellowship training in epilepsy to expand the services offered by our comprehensive epilepsy center are both welcome. Albany Medical Center, the only academic medical center in northeastern New York, is a private, non-profit organization serving over 3 million people. The Department of Neurology has established programs in epilepsy, dementia, movement disorders, neuromuscular disease, pediatric neurology, pain management and stroke/neurocritical care. Successful applicants will have a commitment to patient care and supervision of medical students and residents, and a desire to work in a collaborative environment with neurology and pediatric colleagues.

Albany Medical College is part of Albany Medical Center, northeastern New York's only academic health sciences center, which includes Albany Medical Center Hospital, one of upstate New York's largest teaching hospitals. Located at the heart of New York's Capital Region, Albany is a culturally and environmentally diverse area. The Capital Region offers great opportunities for professionals and families.

Please send inquiries and a C.V. to:
Valerie D'Aloia
Physician Recruitment Coordinator
Albany Med Faculty Physicians
(518) 262-1333
Fax: (518) 262-6996
daloiav@mail.amc.edu

Albany Medical College is a private institution and a non-discriminatory AA/EOE (minorities and women are encouraged to apply).

Child Neurology Opportunity

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Please send inquiries and a C.V. to:
Valerie D'Aloia
Physician Recruitment Coordinator
Albany Med Faculty Physicians
(518) 262-1333
Fax: (518) 262-6996
daloiav@mail.amc.edu

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Pediatric Neurology

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- Qualifications include:
- Graduation from an accredited Medical School
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Ohio

Child Neurologist/ Neurophysiologist

Dayton Children's Hospital, a freestanding, Level I trauma center children's hospital in Dayton, Ohio, is recruiting for a child neurologist fellowship trained in neurophysiology.

Dayton Children's is the only area hospital with a full-service child neurology center, and with 13,000 visits and nearly 4,000 tests annually, our department is one of the busiest in the hospital. We are a group of 8 neurologists and are assisted by four nurse practitioners and three clinical care coordinators. EEG technologists, triage nurses and office personnel complete our team. We offer all modalities of diagnostic testing including epilepsy and epilepsy monitoring services and have established neurorehabilitation, epilepsy, Tourette's, neuromuscular and headache programs. We have a busy Epilepsy Monitoring Unit and an active ketogenic diet program as well as the support of 3 pediatric neurosurgeons who participate in the epilepsy surgery program. We have nine multi-disciplinary clinics and an intra-operative neuro-monitoring program.

Dayton Children's serves a pediatric population of 510,000 from a 20-county region of central and southwestern Ohio and eastern Indiana. An eight-story, 260,000-square-foot patient care tower sits in the center of the hospital's main campus. The south campus includes a medical office building, a pediatric emergency department, an outpatient surgery center, a Sleep Lab and Kids Express Care along with the pre-existing urgent care center.

The Wright State University Boonshoft School of Medicine department of pediatrics and its residency program are based at Dayton Children's. All of our physicians have the opportunity to hold faculty appointments at the Boonshoft School of Medicine and to teach medical students and residents. Residents in adult neurology, pediatrics, medicine/pediatrics, family practice,

child psychiatry, emergency medicine, orthopedics, and surgery train at Dayton Children's.

Known as the birthplace of aviation, Dayton is home to some of the best private and public schools in the state, a vibrant arts and entertainment community and a beautiful system of parks, trails and river corridors. For additional information, visit www.dayton.com

Contact:
Cyndy Emerson
emersonc@childrensdayton.org

Division Chief, Pediatric Neurology & Epilepsy

On behalf of Dr. Marlene Miller, Pediatrician-in-Chief for University Hospitals and Chair of the Department of Pediatrics at University Hospitals Rainbow Babies & Children's Hospital (UH/RBC), CareerPhysician, the national leader in academic pediatric leadership recruitment, has initiated a national search to identify an inspiring leader to serve in the role as Division Chief, Pediatric Neurology and Epilepsy.

The incoming Chief will have the responsibility of establishing and implementing a vision that encompasses the mission values of UH/RBC: To Heal, To Teach, To Discover.

Opportunity Highlights:

- The new Chief will have the built-in benefit of joining a well-established and cohesive culture experienced throughout the Division with a tremendous opportunity for clinical growth including the development of a multi-disciplinary headache clinic, new onset seizure clinic, and an integrated epilepsy and mental health program in collaboration with neuropsychology and psychiatry.
- New, state-of-the-art 6-bed pediatric dedicated epilepsy monitoring unit (EMU). The EMU is a level 4 NAEC accredited center performing over 700 video EEGs annually.
- Recently developed NeuroNICU service focusing on the care and management of neonates with neurological disorders.

- Established ACGME accredited Pediatric Neurology residency program.
- Eligibility for academic rank at the Associate/Professor level and be board certified in Child Neurology.
- Recognized as the top ranked children's hospital in northern Ohio, UH/RBC is a 244-bed, Level 1 Pediatric Trauma Center and principal referral center for Ohio and the region.
- Academic affiliation with Case Western Reserve University School of Medicine.

For more details about this opportunity, or if you would like to recommend an individual(s) who exemplifies the qualities we are seeking in a candidate, please contact Marcel Barbey at marcel@careerphysician.com. All interactions will remain confidential, and no inquiries will be made without the consent of the applicant.

UH/RBC is an AA/EOE/ADA employer committed to excellence through diversity.

Pennsylvania

Pediatric Neurologist

The Department of Pediatrics at the University of Pittsburgh Physicians, UPMC Children's Hospital of Pittsburgh, and UPMC Harrisburg are now recruiting physicians in pediatric neurology to expand clinical services in the Harrisburg, Pennsylvania, area.

The candidate must have completed pediatric fellowship training and be board-certified/eligible in pediatric neurology.

Affiliated faculty status at the University of Pittsburgh will be offered commensurate with experience and achievement. A very competitive salary and benefits package will be offered as well.

About South Central Pennsylvania:

- Features both rural and suburban living and boasts an abundance of sports, arts, cultural events, and entertainment.

- Close to historically significant areas such as Gettysburg and world-famous Hersheypark and Hershey's Chocolate World.
- Offers top-rated public schools, blue-ribbon private schools, and some of Pennsylvania's top colleges and universities.
- Area school districts are consistently ranked in the top 20% of Pennsylvania.
- With affordable homes — a composite cost of living index of 99.7, compared to 101.2 in Philadelphia — it's a great place to grow a career and family.
- Listed among Forbes.com "America's Most Livable Cities," and ranked in U.S. News & World Report's "Best Cities to Live" in 2017, we are a two-to three-hour drive away from New York City, Philadelphia, Pittsburgh, Baltimore, and Washington, D.C.

About UPMC in Central PA:

UPMC in Central Pa. is a nationally recognized leader in providing high-quality, patient-centered health care services in central Pennsylvania and surrounding rural communities. As part of the UPMC not-for-profit system, UPMC in Central Pa. cares for more than 1.2 million area residents yearly, providing life-saving emergency care, essential primary care, and leading-edge diagnostic services. UPMC in Central Pa. includes seven acute care hospitals with 1,160 licensed beds, over 160 outpatient clinics and ancillary facilities, more than 2,900 physicians and allied health professionals, and approximately 11,000 employees. It is a health care hub serving Dauphin, Cumberland, Perry, York, Lancaster, Lebanon, Juniata, Franklin, Adams, and parts of Snyder counties.

Apply Here: <https://www.click2apply.net/8OnQodsDbIQgQf4qVC6ydV>

PI179710197

Contact: bordnerdm2@upmc.edu

CNS PERSONNEL REGISTRY

Texas

Pediatric Neurology

Houston Area Pediatric Neurology seeks a Pediatric Neurologist (general or subspecialist) to join a busy outpatient practice in Katy, Texas. Katy is located just outside Houston and is close to all Houston has to offer. Katy ISD is a highly ranked school district for those with children. The candidate should expect to see 12-16 patients per day. We have a four day work week with one day of dedicated administration time. There is no hospital call. Call will be taken from home, which is split equally between the providers. There are teaching opportunities to students and residents if desired. Great work-life balance. The candidate can expect high compensation, flexible hours, dedicated staff, and total schedule autonomy.

Candidates must be board eligible or certified in Neurology with Special Qualifications in Child Neurology.

Please submit inquiries to Melissa Jones, MD at drjones@houstonpedineuro.com

Website: houstonpedineuro.com

Developmental-Behavioral Pediatrics or Neurodevelopmental Pediatrics Opportunity

On behalf of the Cook Children's Health Care System (CCHCS) located in Ft. Worth, Texas, CareerPhysician, a national leader in child health faculty and leadership recruitment, is pleased to inform you of a national search for outstanding candidates for openings in Developmental-Behavioral Pediatrics or Neurodevelopmental Pediatrics. We believe these faculty openings to be among the best career opportunities currently available in the US in Developmental and Behavioral Pediatrics.

CCHCS is a not-for-profit, nationally recognized pediatric health care organization comprised of a Medical Center, Physician Network, Home Health company, Pediatric Surgery Center, Health Plan and Health Foundation. Cook Children's Medical Center is a

freestanding 443-bed quaternary care pediatric hospital that is consistently ranked by US News and World Report. The integrated system has more than 60 primary and specialty care offices throughout North and West Texas, serving a 23-county referral network. The Cook Children's Physician Network is the largest pediatric multi-specialty physician group in its service area with over 600 employed specialty and primary care providers.

Key Opportunity Highlights:

- Seeking candidates, including 2023 fellows, with interest in joining a thriving Developmental-Behavioral practice that is supported by the more than 300 referring members of the Cook Children's Physician Network.
- Qualified candidates may participate in the fellow's retention program that will provide a monthly stipend of \$2,500 from the time a contract is signed through the start of practice with Cook Children's.
- Enjoy strong interdisciplinary collaboration and support from related specialties, special education, applied behavioral analysis, child psychiatry and psychology.
- New innovative clinic space currently under design and construction that will facilitate the groups innovative collaboration as part of the Cook Children's Neuroscience Institute and Child Study Center.
- One of the Nation's only programs with an accredited school dedicated to children with developmental and learning disabilities. The Jane Justin School enrolls students between the ages of 3 and 21 and has been a pillar of education in the community for more than 20 years.
- Clinical research in your areas of interest is encouraged and supported through the CCMC IRB and grant writing office, but not required.
- Nationally recognized pediatric sub-specialty platform with 35 departments and more than 40 outpatient primary care clinics.
- Highly competitive compensation and benefits package, no state income tax, and a strong economy in one of the fastest growing areas of the United States.

TEXAS CONTINUED

For more details about this opportunity, or if you would like to recommend an individual(s) who exemplifies the qualities we are seeking in a candidate, please contact Karis Beasley at karis@careerphysician.com. All interactions will remain confidential, and no inquiries will be made without the consent of the applicant.

Cook Children's Health Care System is committed to equal opportunity for all persons regardless of age, color, disability, ethnicity, marital status, national origin, race, religion, sex, sexual orientation, veteran status or any other status protected by law.

Pediatric Neurologist

The University of Texas Southwestern Medical Center, Department of Pediatrics, is seeking an outstanding expert in Pediatric Neuromuscular Disorders and General Neurology for the Pediatric Neurology Division at Children's Health Dallas.

Applicants can expect an opportunity for a career in service and teaching in pediatric neuromuscular medicine, including a full range of neurodiagnostic procedures, and general neurology. We are seeking candidates that have fellowship training in neuromuscular medicine who are board eligible for Neuromuscular Medicine certification with or without eligibility for electrodiagnostic certification. Candidates must be eligible for medical licensure in the state of Texas. Candidates must also be Board eligible or certified in General Pediatric Neurology. Appointment rank and title will be commensurate with academic accomplishments and experience. Applicants should expect to care for children with both neuromuscular and general neurological diagnoses. Consideration may be given to applicants seeking less than a full-time status.

Potential candidates should apply online at <https://jobs.utsouthwestern.edu/> (search for Job# 220000EJ) and upload a curriculum vitae and a letter of interest.

Compliance with the COVID-19 vaccine mandate enforced by the Centers for Medicare and Medicaid (CMS) is a requirement for this position. Federal law requires individuals holding this position to be fully vaccinated or have an approved exemption for certain medical, disability, or religious reasons. Individuals who do not meet CMS vaccination requirements are not eligible and should not apply for this position but are encouraged to apply for other non-healthcare positions at UT Southwestern for which they qualify.

UT Southwestern Medical Center is committed to an educational and working environment that provides equal opportunity to all members of the University community. As an equal opportunity employer, UT Southwestern prohibits unlawful discrimination, including discrimination on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, citizenship status, or veteran status. To learn more, please visit: <https://jobs.utsouthwestern.edu/why-work-here/diversity-inclusion/>.

Contact:
Carrie Benson
CARRIE.BENSON@UTSOUTHWESTERN.EDU

CNS PERSONNEL REGISTRY

Washington

Assistant Professor Without Tenure, Pediatric Neurologist (Epilepsy)

Position Description:

The Department of Neurology at the University of Washington School of Medicine is seeking to hire an outstanding pediatric epileptologist to join the Division of Pediatric Neurology at Seattle Children's Hospital. This position is part of a new TeleNeurology program. This is a full-time, 12-month position at the Assistant Professor rank (without tenure by reason of funding) in the clinician teacher academic pathway. Assistant Professors without tenure are

eligible for multi-year appointments that align with a 12-month service period (July 1-June 30). Faculty with 12-month service periods are paid for 11 months of service over a 12-month period (July-June), meaning the equivalent of one month is available for paid time off. University of Washington faculty engage in teaching, research and service. This position will require active participation in clinical and teaching programs in the Department. This clinical faculty member will provide general pediatric neurology consultative and principal care services along with consultative care in pediatric epilepsy. The clinical faculty member will supervise residents and students when providing inpatient attending duties and when residents are assigned to the outpatient clinic.

The anticipated start date of this appointment is October 1, 2022.

Qualifications:

Requirements include MD, DO, or foreign equivalent degree, eligibility for medical licensure in the State of Washington, and certification or eligibility for certification by the American Board of Psychiatry and Neurology in Neurology with Special Qualification in Child Neurology. The successful candidate will be expected to have strong clinical skills in general pediatric neurology, clinical neurophysiology and epilepsy.

In order to be eligible for University sponsorship for an H-1B visa, graduates of foreign (non-U.S.) medical schools must show successful completion of all three steps of the U.S. Medical Licensing Exam (USMLE), or equivalent as determined by the Secretary of Health and Human Services.

Website:
<https://apply.interfolio.com/102409>

Assistant Professor Without Tenure, Pediatric Neurologist (Neonatal)

Position Description:

The Department of Neurology at the University of Washington School

of Medicine is seeking to hire an outstanding pediatric neurologist to join the Division of Pediatric Neurology at Seattle Children's Hospital. This position is part of a growing Neonatal Neurology program and this position will provide patient care for pediatric neurology patients and will enhance the delivery of care in pediatric general neurology and expertise in neonatal neurology.

This is a full-time, 12-month service period appointment at the Assistant Professor rank (without tenure by reason of funding) in the clinician teacher academic pathway. Assistant Professors without tenure are eligible for multi-year appointments that align with a 12-month service period (July 1-June 30). Faculty with 12-month service periods are paid for 11 months of service over a 12-month period (July-June), meaning the equivalent of one month is available for paid time off. University of Washington faculty engage in teaching, research and service. This position will require active participation in clinical and teaching programs in the Department.

The anticipated start date of this appointment is October 1, 2022.

Qualifications:

Requirements include MD, DO, or foreign equivalent degree, eligibility for medical licensure in the State of Washington, and certification or eligibility for certification by the American Board of Psychiatry and Neurology in Neurology with Special Qualification in Child Neurology. Positive factors for consideration include, but are not limited to, additional training in neonatal neurology.

In order to be eligible for University sponsorship for an H-1B visa, graduates of foreign (non-U.S.) medical schools must show successful completion of all three steps of the U.S. Medical Licensing Exam (USMLE), or equivalent as determined by the Secretary of Health and Human Services.

Website:

<https://apply.interfolio.com/102027>

CNS PERSONNEL REGISTRY

Wisconsin

Pediatric Neurologist Opportunity in Heart of Wisconsin

Marshfield Clinic Health System is seeking a BC/BE Pediatric Neurologist to join a well-established practice located in the Department of Neurology in Marshfield, Wisconsin. Position is full time but can support someone interested in part time work. The ideal candidate is eager to participate in a multispecialty group that provides patient-centered care rooted in evidence-based medicine. Subspecialty expertise is valuable but not required. The practice includes a full range of outpatient services including general Pediatric Neurology, epilepsy, headaches, CP, movement disorders along with inpatient PICU, NICU, and Pediatrics inpatient consults at our adjoining Children's Hospital. Join a collegial team of physicians, a great support staff, working with highly trained Pediatric subspecialists on-site. Call is 1:3 weeks. Outreach to other sites anticipated. Large referral base in Central and Western Wisconsin. Opportunities for teaching Pediatric residents and rotating medical students abound. Clinical research can be supported by the Marshfield Clinic Research Foundation.

Marshfield Clinic physicians and staff serve more than 360,000 unique patients each year through accessible, high quality health care, research and education. With 700+ physicians in 86 medical specialties and subspecialties as well as over 13,000 employees in 60 clinical locations in 34 Wisconsin communities, Marshfield Clinic is nationally recognized for innovative practices and quality care.

- Compensation and Benefits
- Competitive two year guaranteed salary
- Attractive bonus and/or stipend during training
- 4 weeks vacation, 2 weeks CME to start for full-time
- \$5,800 CME annual allowance

- Health, Dental, Life, Disability, and Occurrence Based Malpractice insurance
- 401k w/match, 457b; outstanding employer-funded retirement plan
- Fully funded relocation

MCHS strongly encourages our physicians to be involved in medical education and research to continue building our strong foundation of patient care, research and education for years to come.

Marshfield Clinic Research Institute:
<http://www.marshfieldresearch.org/>
Marshfield Clinic Division of Education:
<https://www.marshfieldclinic.org/education>

Marshfield Community

Located in Central Wisconsin, Marshfield offers a great place to live, work and play within this community of 20,000. Marshfield's quality of life is everything you are looking for to raise a family or to start or advance a career. Marshfield is an extremely safe community and residents take great pride in this place they call home, while enjoying all four seasons. With exceptional schools, ranking high above the national average, Marshfield is committed to offering diverse and plentiful opportunities.

The Marshfield Promise

Motivated by our mission to enrich lives, we use common values to ensure those we serve feel supported in their healthcare journey and staff and providers are actively engaged with one another. Together through our actions, we promise to deliver compassionate, safe and expert care to everyone.

The Marshfield Promise is centered around 5 core values; Patient-Centered, Trust, Teamwork, Excellence and Affordability.

For more information, please contact:
Shelly Van Vonderen, Physician Recruiter
715-660-1367
vanvonderen.shelly@marshfieldclinic.org

Pediatric Neurologist Opportunity in Marshfield, Wisconsin

Marshfield Medical Center in Marshfield, Wisconsin is seeking a BC/BE Pediatric Neurologist to join a well-established practice located in the Department of Neurology in Marshfield, Wisconsin. Position is full time but can support someone interested in part time work. The ideal candidate is eager to participate in a multispecialty group that provides patient-centered care rooted in evidence-based medicine. Subspecialty expertise is valuable but not required. The practice includes a full range of outpatient services including general Pediatric Neurology, epilepsy, headaches, CP, movement disorders along with inpatient PICU, NICU, and Pediatrics inpatient consults at our adjoining Children's Hospital. Join a collegial team of physicians, a great support staff, working with highly trained Pediatric subspecialists on-site. Call is 1:3 weeks. Outreach to other sites anticipated. Large referral base in Central and Western Wisconsin. Opportunities for teaching Pediatric residents and rotating medical students abound. Clinical research can be supported by the Marshfield Clinic Research Foundation.

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Compensation and Benefits:

- Competitive two year guaranteed salary
- Attractive bonus and/or stipend during training

- 4 weeks of vacation, 2 weeks CME to start for full-time
- \$5,800 CME annual allowance
- Health, Dental, Life, Disability, and Occurrence Based Malpractice insurance
- 401k w/match, 457b; outstanding employer-funded retirement plan
- Fully funded relocation
- MCHS strongly encourages our physicians to be involved in medical education and research to continue building our strong foundation of patient care, research and education for years to come.

Marshfield Community:

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Website:

https://marshfieldclinichealthsystems.wd5.myworkdayjobs.com/en-US/Physician/details/Physician---Pediatric-Neurology_R-0018076?q=pediatric%20neuro

Contact:

Shelly Vanvonderen
vanvonderen.shelly@marshfieldclinic.org

CNS PERSONNEL REGISTRY

Canada

Full-time Academic Physician Pediatric Neurology

The Department of Pediatrics at McMaster University and McMaster Children's Hospital are seeking a full-time academic physician to join the division of pediatric neurology. The successful candidate will join seven other members of the division. The academic focus of this position will be in medical education, including taking over the position of Program Director of the division's Royal College accredited postgraduate training program. Clinically there will be equal participation in comprehensive inpatient and outpatient services offered by the division.

McMaster University is internationally recognized for innovations in medical education and pioneering biomedical, epidemiological and health systems research. Located in Hamilton, on the edge of Lake Ontario and the picturesque Niagara escarpment, McMaster Children's Hospital is a tertiary referral center serving a population of more than 2.3 million. The division of pediatric neurology currently consists of seven full-time faculty members with a wide range of clinical and academic interests.

This position will incorporate an academic appointment and salary will be commensurate with the experience and expertise of the applicant. Applicants should be certified (or eligible for certification) by the Royal College of Physicians and Surgeons of Canada in Pediatric Neurology and must be licensed (or eligible for licensure) in the Province of Ontario.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be considered first for this position. To comply with the Government of Canada's reporting requirements, the University is obliged to gather information about applicants'

status as either Permanent Residents of Canada or Canadian citizens. Applicants need not identify their country of origin or current citizenship; however, all applications must include one of the following statements: Yes, I am a citizen or permanent resident of Canada – or – No, I am not a citizen or permanent resident of Canada.

Expressions of interest should include:

- A curriculum vitae and cover letter
- A brief statement describing any contributions made or planned in relation to advancing equity, diversity and inclusion or inclusive excellence in education, education innovation, and education scholarship (2-page maximum)
- Names and contact information of three professional referees; letters of reference are not required and will not be reviewed at the application stage; letters of recommendation from referees will be requested at later stages of the search process

For more information on the Department of Pediatrics, visit www.fhs.mcmaster.ca/pediatrics.

Interested candidates should submit a curriculum vitae and letter of interest via email to:

Angelo Mikrogianakis, Chair
c/o Elizabeth Fonseca, Academic
Coordinator
Department of Pediatrics, McMaster
University
Phone: 905-521-2100 ext. 76646
1280 Main Street W., HSC-3A
Fax: 905-570-8967
Hamilton, ON L8N 3Z5
Email: pedsprt@mcmaster.ca

We look forward to seeing you...

Duke Energy Center

*...at the Duke Energy Center in Cincinnati, Ohio and
to partnering with you at future CNS Annual Meetings.*



52nd CNS Annual Meeting

October 4 - October 7, 2023
Vancouver, BC, Canada



53rd CNS Annual Meeting

November 11-14, 2024
San Diego, California