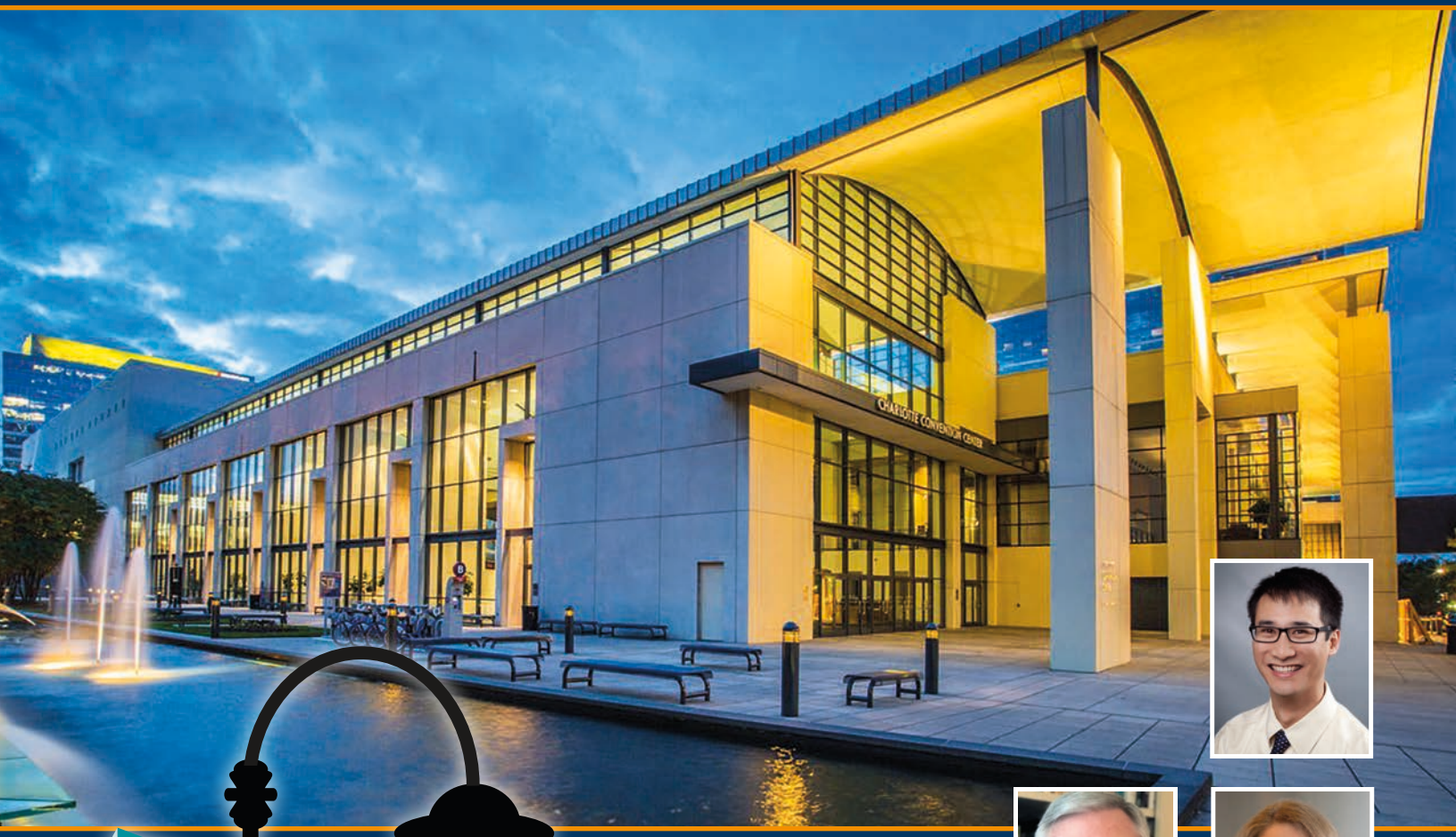
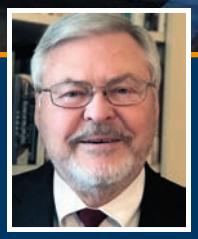
Fall 2019 | Volume 27, No. 3

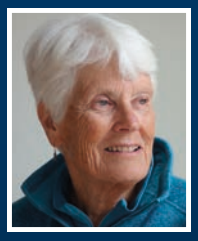
CONNECTIONS

CHILD NEUROLOGY SOCIETY

Bringing CNS Members Together to Make Children's Lives Better







Forty-Eighth

CNS ANNUAL MEETING

Oct. 23-26, 2019

THE WESTIN CHARLOTTE
AND THE CHARLOTTE
CONVENTION CENTER

ICNA • CNS

SAN DIEGO 2020

October 19-23 • Marriott Marquis

16th International Child Neurology Congress

49th Annual Child Neurology Society Meeting

Seminar/Symposium Proposals
Portal open September 15 - November 1

Abstract Submissions
Portal open November 15 - January 15

Late Breaking Abstract Submissions
Portal open April 1 - 15

Plenary/Award Speakers Announced
December 1

Preliminary Program Announced
January 1

Final Program and Registration Information Posted
February 1

Registration Portal Opens, Hotel Reservations Accepted
beginning March 15

See page 6 for Scientific Program Proposal Guidelines

Sharing Knowledge • Sowing Friendships • Spreading Hope

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FALL 2019

Connecting with Colleagues

Connecting with Partners

Connecting with Your Future

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Editor: Daniel Bonthius, MD, PhD
Managing Editor: Roger Larson, CAE

Published Quarterly

CHILD NEUROLOGY SOCIETY

From the President

Jonathan Mink, MD, PhD
President, CNS

Q&A With Outgoing President Jonathan Mink

By Daniel J. Bonthius, MD, PhD | *CNS Connections* Editor

CNS membership is a bargain. CNS is the foundation of a professional community of child neurologists who share common goals, overlapping needs, and a broad purpose. It provides education content, networking opportunities, advocacy for the profession, and a representative voice that speaks for child neurologists.

QUESTION | ***What is the best thing about being President of the CNS?***

I think the best thing has been the privilege to represent the profession of child neurology in so many different ways. It is a huge responsibility, but also a unique opportunity to participate in the many facets of child neurology and the impact child neurologists have on policy, children, professional education, scientific research, career development, and international collaboration among our colleagues.

QUESTION | ***What is the most difficult aspect of being President?***

The most difficult aspect has been time management. While many aspects of the role are predictable, there are others that require attention at unexpected times. Fortunately, the other leaders of the CNS and the central office personnel have been outstanding to work with.

QUESTION | ***What are the major ways in which a CNS President spends his or her time between meetings?***

Aside from the "day job"? There are other meetings that occur from time-to-time with CNS partners in AAN, ANA, AAP, and CNF. Planning future CNS Annual Meetings is a continuous thread. There are frequent requests to review new practice guidelines, policy statements, budgets, and the impacts of pending legislation on child neurologists.

QUESTION | ***What is your proudest accomplishment, as President of the CNS?***

There are a few. I don't know that I can call it an accomplishment yet, but I think we have made important strides increasing diversity in our leadership, especially at the committee level. The expansion of opportunities for junior members at the Annual Meeting has been significant and has both short-term and long-term implications. Our collaboration with

NINDS Child Neurologist Career Development Program and the Minority Research Scholars Program has also grown substantially during my tenure as President, setting a precedent for future investment and support of research career development for child neurologist physician-scientists. And finally, our international programs have grown substantially and have been highly successful.

QUESTION | ***What are the biggest challenges facing the field of child neurology?***

I think the most pressing challenge is financial. This includes how child neurologists get paid for their work, how that work is valued by both payers and employers, and making sure that child neurologists have a seat at the table when it comes to defining that value. But, there are other challenges. The sheer explosion of information and knowledge requires all of us to continue learning and improving our ability to apply that new knowledge. The fact that child neurology is still firmly in the era of discovery also requires that we focus on enhancing the career development of future physician-scientists. Finally, the number of potential new disease-modifying therapies for rare childhood neurological diseases is a huge challenge. It is a wonderful time to be a child neurologist, but we must rise to the occasion and help bring these new treatments to our patients in a cost-effective, ethical, compassionate, and rigorous manner.

QUESTION | ***In what way is the CNS most valuable to its members?***

CNS membership is a bargain. CNS is the foundation of a professional community of child neurologists who share common goals, overlapping needs, and a broad purpose. It provides education content, networking opportunities, advocacy for the profession, and a representative voice that speaks for child neurologists.

QUESTION | ***What actions could we child neurologists take to most improve our field? And what actions could we take to most improve the CNS?***

To improve our field, we must stay engaged with one another to share knowledge, solutions to problems, and foster the next generation of child neurologists. We must always be vigorous advocates for our profession, but never lose sight of the needs of children with neurological disorders. The best way to improve the CNS is to participate actively on committees, in CNS programs, and in a variety of capacities at the Annual Meeting.

QUESTION | ***What advice would you give to a medical student who is interested in a career in child neurology?***

There is no better career in medicine. Being a child neurologist has meaning, ongoing intellectual stimulation, and the opportunity to be on the cutting edge of groundbreaking discoveries and their application to make the lives of our patients better. Most importantly, I advise all medical students to never lose sight of the importance of kindness and empathy in their future careers. For kind and empathetic students, the rewards of child neurology are limitless.

QUESTION | ***Any additional closing thoughts?***

Although I am proud of what we have done the past two years, I have also had the opportunity to be involved in planning two major upcoming meetings: the 2020 joint meeting with the International Child Neurology Association (ICNA) and the 2021 CNS 50th Anniversary meeting. Those will be two major milestones for our society and ones that will celebrate the incredible impact of the CNS on our field.

QUESTION | ***What will you do with your free time, when you're not President anymore?***

I'm looking forward to devoting more time to my own research and to mentorship of the next generations of child neurologists both locally and nationally.

ICNA • CNS

SAN DIEGO 2020

October 19-23 • Marriott Marquis

16th International Child Neurology Congress

49th Annual Child Neurology Society Meeting

Scientific Program Proposal Submission Guidelines

Deadline: November 1, 2019

The 2020 CNS-ICNA Scientific Program will be different from the traditional organization of the annual Child Neurology Society meeting, more like the traditional biennial congress of the International Child Neurology Association.

The 2020 Scientific Program will feature:

- **Nine (9) one-hour Breakfast Symposia** over three days of the meeting (Tuesday thru Thursday, October 20-22).

  Three (3) of these will be "Junior Member Seminars" reserved for Junior Members of CNS or ICNA and non-member trainees.

- **Twenty-four (24) two-hour morning and afternoon symposia** presented in parallel session (4 symposia per morning or afternoon session).

  These will be organized under broad categories such as Neuromuscle, Movement Disorders, Epilepsy, etc., but the specific topics can be broad or narrow as appropriate.

- **Twelve (12) 90-minute "Special Interest Group" or "Meet The Expert" sessions and eight (8) Plenary Lectures** to be independently organized by the Joint Scientific Program Committee.

Proposals are welcome for the Breakfast Symposia, Junior Member Seminars, and Parallel Seminars.

To submit a proposal, go to:
http://cns.nonprofitcms.org/a/Solicitations/Home/1208

Review Criteria:
Proposals will be reviewed by a joint Scientific Program Committee made up of individuals from the ICNA and CNS Scientific Committees. Review criteria will include:

1. Timeliness of the subject matter
2. Appropriateness for the international audience of child neurologists
3. Diversity of speakers, including representation from multiple geographic regions and varied resource settings
4. Lack of duplication with content in recent major child neurology conferences
5. Rigor of the proposed content.

Final decisions will be made by the Co-Chairs of the Scientific Program Committee based on committee recommendations and need for programmatic balance.

Notice of Acceptance will be provided no later than December 31, 2019.

Individuals whose proposal is accepted will be expected to work with the Scientific Program Committee to finalize content and invited speakers prior to extending invitations to the proposed speakers.

Questions?
Email nationaloffice@childneurologysociety.org

Jonathan W. Mink, MD PhD, FAAN, FANA, FAAP
Chair, Joint CNS-ICNA Scientific Program Planning Committee

Sharing Knowledge • Sowing Friendships • Spreading Hope

CONNECTING WITH COLLEAGUES
New CNS Members (Joining in 2019)

Active Membership

Bernardo, Danilo
Chacon, Monica
Christensen, Celanie
DeBrosse, Suzanne
Gombolay, Grace
Habela, Christa
Kenney-Jung, Daniel
Langan, Emily
Lazerow, Peggy
Michelson, Margaret
Nayak, Anuranjita
Raja, Roshan
Sadighi, Zsila
Singh, Rani
Tchapyjnikov, Dmitry
Tomczak, Kinga
Ueda, Keisuke
Veerapandiyan, Aravindhan
Zurosky, Jennifer

Junior Membership

Abdelmoumen, Imane
Abushanab, Elham
Adeseye, Victoria
Albashiti, Bassam
Albor, Lauren
Allen-Sharpley, Michelle
Alperin, Samuel
Angel Buitrago, Luisa
Armstrong, Caren
August, Joshua
Baltuano Songhurst, Miriam Melissa
Bassal, Frederick
Beneski, Kendra
Black, Moira
Brock, Dylan
Broman-Fulks, Jordan
Brown, Yvette
Brun, Brianna
Calame, Daniel
Campbell, Damian
Cappa, Ryan
Cartwright, Kaitlyn
Chamberlain, Lauren
Chitrapu, Anjani
Chow, Clara
Clark, Daniel
Cole, Michael
Desai, Rujul
DiDomenico, Laura
Eichelberger, Hillary
Elkins, Kathryn
Estiphan, Theresa
French, Sophia
Gaillard, Jonathan
Gangishetti, Prasanna
Garner, David
Gofshteyn, Jacqueline
Gorodetsky, Carolina
Grande, Krista
Guillen Mendoza, Daniel
Gupta, Siddharth
Gustkey, Daniel
Hauser, Jessica
Hewitt, Angela
Ilgarli, Allahshukur
Jayaraman, Divya
Jimenez, Sandra
Joseph, Freddie
Kapadia, Sahrer
Kashima, Daniel
Kay, Benjamin
Kim, Aram
Kumar, Ishani
Lagacé, Micheline
Laheji, Fiza
Larsh, Travis
Lax, Daniel
Lazar, Steven
Levy, Rebecca
Lin, Jenny
Lopez-Chacon, Matias
Lugo, Giancarlo
Malone, Laura
Mandava, Sundeep
Marshall, Cullen
McAnally, Meghan
McLendon, Loren
Meadows, Jarrod
Mendes, Bryan
Mo, Alisa
Mohanty, Mugdha
Mohanty, Deepankar
Moschopoulos, Chariton
Murray, Thomas
Nagy, Amanda
Nguyen, Linda
Nie, Duyu
Nwaobi, Sini
Oh, Ann
Ojha, Kshama
Olenski, Klari
Ortolani, Elissa
Parbhoo, Kaajal
Parfyonov, Maksim
Patel, Amisha
Patel, Namrata
Pauley, Rachel
Perelman, Max
Pinto, Carlos
Poisson, Kelsey
Rajaprakash, Meghna
Record, Elizabeth
Romero, Jacqueline
Santiago, Jason
Sauer, Ryan
Schmidt, Jenny
Seaborg, Kristin
Shah, Ekta
Sham, Lauren
Sharp, April
Shprung, Dana
Shrestha, Bijna
Silva-Colon, Milagros
Simmonds, Daniel
Singer, Emily
Staples, Anthony
Surtees, Taryn
Tencer, Jaclyn
Thomas, Laura
Tran, Linh
Turek, Grant
Tutmaher, Michelle
Van Dine, Sarah
Vernon, Laura
Villamizer, Jesus
Wallace, Maxwell
Whalen, Danielle
Wibecan, Leah
Wied, Heather
Wilson, Sarah
Wiltrout, Kimberly
Wooten, Amelia
Wright, Melissa
Wyllie, Kendall
Xiang, Xinran
Yang, Jennifer
Ziplow, Jason
Zygmunt, Alexander

Medical Student Membership

Arra, Meredith
Berry, Megan
Borda, Mauricio
Butler, Joshua
Cheronis, Chrisoula
Divakaruni, Sai
Fang, Calvin
Feldman, Andrew
Gamber, Alexandra
Gardner, Bret
Grezzo, Laura
Gutgsell, Crystal
Han, Michelle
Hashmi, Nabeel
Layton, Austin
Lombardi, Felicia
Ma, Melinda
Majors, Natalie
Mandle, Quinton
McInnis, Carter
Mendoza, Alyssa-Claire
Mondragon, Ealing
Nabel, Elisa
Nguyen, Vanessa
Oleson, David
Patterson, Kelsey
Powell, Allison
Rajagopalan, Sai
Ray, Caroline
Silverman, Andrew
Spencer, Seth
Spivey, Tyler
Sunshine, Alex
Tittle, Benjamin
Wright, John
Yakir, Maayan
Yun, Michelle
Zagury-Orly, Ivry

Affiliate Membership

Ciftci, Beyza
Hnaini, Mona
Martin, Ann
Melbourne Chambers, Roxanne
Venkataramanaiah, Dara

Forty-Eighth

CNS ANNUAL MEETING

October 23-26, 2019

THE WESTIN CHARLOTTE AND
THE CHARLOTTE CONVENTION CENTER

CHILD NEUROLOGY SOCIETY

MINNESOTA MEDICAL ASSOCIATION

Welcome to Charlotte!

Four Days, Four Great Ways to Meet Friends (New and Old)

1 Welcome Reception

Wednesday, October 23 | 6:00 pm – 7:30 pm
Exhibit Hall

Atrium Health Levine Children's

Financial support provided by
2019 CNS Annual Meeting host institution,
Atrium Health Levine Children's Hospital (Booth #607)

2 Legacy Reception

Wednesday, October 23 | 7:45 pm – 9:30 pm
Richardson Ballroom

- Drinks, Dessert, and a Standing ovation for all those gathered who attended their first CNS meeting 25 or more years ago (before 1994)
- Presentation of four awards to venerable CNS members whose character and careers have significantly shaped the child neurology community in the past and present, and will continue to do through colleagues and trainees long into the future.

Arnold P. Gold Foundation
Humanism in Medicine Award
H. Terry Hutchison, MD, PhD
Introduced by Audrey Brumback, MD, PhD

Roger & Mary Brumback
Lifetime Achievement Award
Carol Camfield, MD
Introduced by Deborah Hirtz, MD & Renée Shellhaas, MD, MS
W. Edwin Dodson, MD
Introduced by Christina Gurnett, MD, PhD

Blue Bird Circle CNS/PCN
Outstanding Training Director Award
Karen Ballaban-Gil, MD
Introduced by Solomon L. Moshé, MD

3 Exhibit and Poster R&R
(Review and Refreshment)

Wednesday Welcome Reception 6:00 pm – 7:30 pm
(exhibits only; no posters)

Thursday Lunch | 12:30 pm – 2:00 pm
(exhibits, posters, and Guided Poster Tours)

Thursday Wine & Cheese Reception
4:00 pm – 5:30 pm
(exhibits, posters, and Guided Poster Tours)

Friday Breakfast | 7:00 am – 8:15 am
(exhibits, posters, and Guided Poster Tours)
Exhibits open until 10:30 am

Child Neuro News Forum (Guided Poster Tours)
Supported by an unrestricted educational grant from Greenwich Biosciences

4 Gala Reception

Friday, October 25 | 7:00 pm – 9:00 pm
Richardson Ballroom Terrace

Join us for a Satellite CME Seminar

Developmental and Epileptic Encephalopathies

An Evolving Clinical Landscape

Thursday, October 24, 2019

4:30 PM–5:30 PM

Charlotte Convention Center

Meeting Room 203A

Level 2, Meeting Level

Program Chair

Elaine C. Wirrell, MD, FRCPC

Professor of Neurology

Director of Pediatric Epilepsy

Mayo Clinic

Rochester, Minnesota

Pre-Register at:

www.millermeded.com/EPILEPSY2019

Pre-registration does not guarantee seating.
On-site registration may be available, space permitting.

This activity has been approved for *AMA PRA Category 1 Credit(s)™*.

Jointly provided by Postgraduate Institute for Medicine and Miller Medical Communications, LLC.

This live activity is supported by an independent educational grant from Zogenix, Inc.

PIM Postgraduate Institute for Medicine

MMC Miller Medical Communications, LLC.

CNS Awards Committee Update

THE CHILD NEUROLOGY SOCIETY WILL RECOGNIZE seven members at the 48th Annual CNS Meeting in Charlotte with the presentation of the following awards:

The Arnold P. Gold Foundation Humanism in Medicine Award at the Child Neurology Society

Presented to H. Terry Hutchison
Wednesday evening, October 23
Introduction by Audrey Brumback, MD, PhD

CNS Roger and Mary Brumback Lifetime Achievement Awards

Presented to Carol Camfield, MD
Wednesday evening, October 23
Introduction by Deborah Hirtz, MD and Renée Shellhaas, MD, MS

Presented to W. Edwin Dodson, MD
Wednesday evening, October 23
Introduction by Christina A. Gurnett, MD, PhD

Blue Bird Circle CNS-PCN Training Director Award

Presented to Karen Ballaban-Gil, MD
Wednesday evening, October 23
Introduction by Solomon Moshé, MD

CNS Philip R. Dodge Young Investigator Award

Presented to Louis Dang, MD, PhD
(with lecture to follow)
Friday morning, October 25
Introduction by Steven Leber, MD, PhD

CNS Bernard Sachs Award

Presented to Scott L. Pomeroy, MD, PhD
(with lecture to follow)
Friday morning, October 25
Introduction by Phillip Pearl, MD

CNS Hower Award

Presented to James Bale, Jr.
(with lecture to follow)
Saturday morning, October 26
Introduction by Francis Filloux, MD

Those honored were selected by the CNS Awards Committee and subsequently approved by the CNS Executive Committee. The CNS Awards Committee is composed of 16 standing members plus chair (3-5 year terms) and three past Phillip R. Dodge Young Investigator Awardee members (3-year terms). The committee membership draws from a breadth and depth of seniority and experience in pediatric neurology, and the constant influx of the prior three Young Investigator Awardees provide a fresh outlook each year.

The Awards Committee meets at the CNS Annual Meeting to consider nominations for the following year's Sachs, Hower, Lifetime Achievement, and Gold Humanism in Medicine Awards submitted by members of the Child Neurology Society. Each spring the committee reviews applications submitted by an impressive and growing cohort of early career child neurologists for the CNS Philip R. Dodge Young Investigator Award and two Child Neurology Foundation Research Grants funded by the Pediatric Epilepsy Research Foundation (PERF) and named in honor of Drs. Roy Elterman and W. Donald Shields. In addition to selecting the winners, the committee members write substantive critiques of all applications in hopes of encouraging and refining the continued development of the next generation of physician scientists.

Profiles of this year's award recipients, featured on pages 14-27 and on display in the registration foyer, were written by Drs. Daniel Bonthius, Audrey Brumback, Christina Gurnett, Deborah Hirtz, Steve Leber, Solomon Moshé, Michael Noetzel, Renée Shellhaas, and John Zempel.

Nigel Bamford, MD
Chair, CNS Awards Committee

Child Neurology Foundation (CNF)/Pediatric Epilepsy Research Foundation (PERF) Grants

Presented Friday morning, October 25

PERF Elterman Research Grant
Isaac Marin-Valencia, MD

PERF Shields Research Grant
Alexander Li Cohen, MD, PhD

PTC THERAPEUTICS

CEREBRAL PALSY MIMICS

Differentiating pediatric movement disorders

SATELLITE SYMPOSIUM

Thursday, October 24, 2019
6:00-7:00 PM

LOCATION

Room 208A
Charlotte Convention Center
Charlotte, NC

Interactive Satellite Symposium

Please join our expert faculty as they discuss disorders that can mimic cerebral palsy, including aromatic L-amino acid decarboxylase (AADC) deficiency

Warren Marks, MD

Medical Director, Movement Disorder and Neurorehabilitation Program
Cook Children's Medical Center
Fort Worth, TX

Irina Anselm, MD

Assistant Professor of Neurology
Boston Children's Hospital
Boston, MA

Timothy Feyma, MD

Pediatric Neurologist
Gillette Children's Specialty Healthcare
Saint Paul, MN

Satellite Symposium organized and funded by PTC Therapeutics.
This meeting is not an official program of the CNS Annual Meeting.

MED-US-AADC-1900038. August 2019.

Arnold P. Gold Foundation Humanism in Medicine Award

H. Terry Hutchinson, MD, PhD

Presented Wednesday evening, October 23

H. TERRY HUTCHISON, MD, PHD

PROFILE WRITTEN BY AUDREY BRUMBACK, MD, PHD

Terry "Hutch" Hutchison, MD, PhD embodies the best of who we are as Child Neurologists. He is the clinician and scholar we all aspire to be, and has served the international community through providing high-quality, humanistic care to thousands of underserved children in rural Mexico for over three decades.

Hutch is a polymath. He earned a bachelor's degree in Mathematics from Cal Berkeley in 1961. He worked as a rocket engineer for several years, and then went back to school to earn a Ph.D. in Molecular Biology from UC Irvine in 1969 and complete a postdoctoral fellowship in Genetics at the University of Washington in 1971. He earned his M.D. from the University of Texas, Galveston in 1976, and then completed Child Neurology training at the University of California at San Francisco and UT Galveston. He is board certified in Neurology with special qualifications in Child Neurology, Pediatrics, and Clinical Genetics. He is also certified in Neurorehabilitation by the American Society of Neurorehabilitation.

Hutch has solo- or co-authored over 30 peer-reviewed original research articles, many in broad-interest journals such as *Science, New England Journal of Medicine,* and *Nature Genetics*, as well as our field's leading journals (e.g. *Annals of Neurology, Neurology*, and *Pediatric Neurology*). Hutch's research has spanned topics ranging from mechanisms of intracellular macromolecule synthesis in single cell organisms to neuroimaging of Leigh's Disease, descriptions of novel neurogenetics syndromes, and quantification of risk factors for perinatal arterial stroke.

Hutch started his Child Neurology career at the University of Texas Medical Branch, and then practiced at Valley Children's subspecialty medical group in Fresno before joining the faculty at UCSF for several years, first as associate and then full professor. He "retired" from UCSF in 2011, only to go and become the principal Child Neurologist at UCSF-Fresno. He has been the interim Chair of Neurology at UCSF-Fresno since 2016. In addition to teaching and administrative duties, outpatient clinic, and inpatient neurology care, Hutch attends on the Pediatric Rehabilitation Service 42 weeks per year. He also attends on the Neuro-Intensive Care Nursery at UCSF (in San Francisco), and in the Neonatal Intensive Care Unit at UCSF-Fresno.

Hutch has been an active member of the Child Neurology Society since 1979. He attends the CNS annual meeting each year, and presented a platform presentation at the 2002 meeting in Washington, D.C.

Hutch is passionate about helping people with neurological conditions in the U.S. and abroad. Since 1985, Hutch has been the Child Neurologist for Proyecto Niño, an annual week-long Pediatrics clinic in the state of Hidalgo, Mexico. Hutch is fluent in Spanish, and every year, he serves about 120 Pediatric Neurology patients during the week at no charge. In recognition of this work, he was recently named a Paul Harris Fellow by The Rotary Foundation of Rotary International. This award was given to Hutch "in appreciation of tangible and significant assistance given for the furtherance of better understanding and friendly relations among the people of the world."

Hutch moves mountains for his patients. In January 2017, Hutch administered the very first dose of commercially-available nusinersen in the United States. Hutch worked tirelessly with the local hospital and pharmacy to obtain the drug to treat his longtime patient's spinal muscular atrophy within the first month nusinersen became commercially available. Remarkably, Hutch made this happen at his patient's medical home hospital in the Central Valley of California, where resources are scarce. According to the UCSF Fresno Chief of Pediatrics Dr. Serena Yang, "He's 200% always there for everyone in the community. Fresno has become a light for the entire world with this drug."

Hutch is famous for his rapport with patients and their families. For example, Dr. Christian Faulkenberry-Miranda, a UCSF-Fresno pediatrics faculty member who was a trainee of Hutch's before becoming his colleague, has "never seen a doctor where parents thank him after he gives them a devastating diagnosis about their child. He's there for them every minute. He

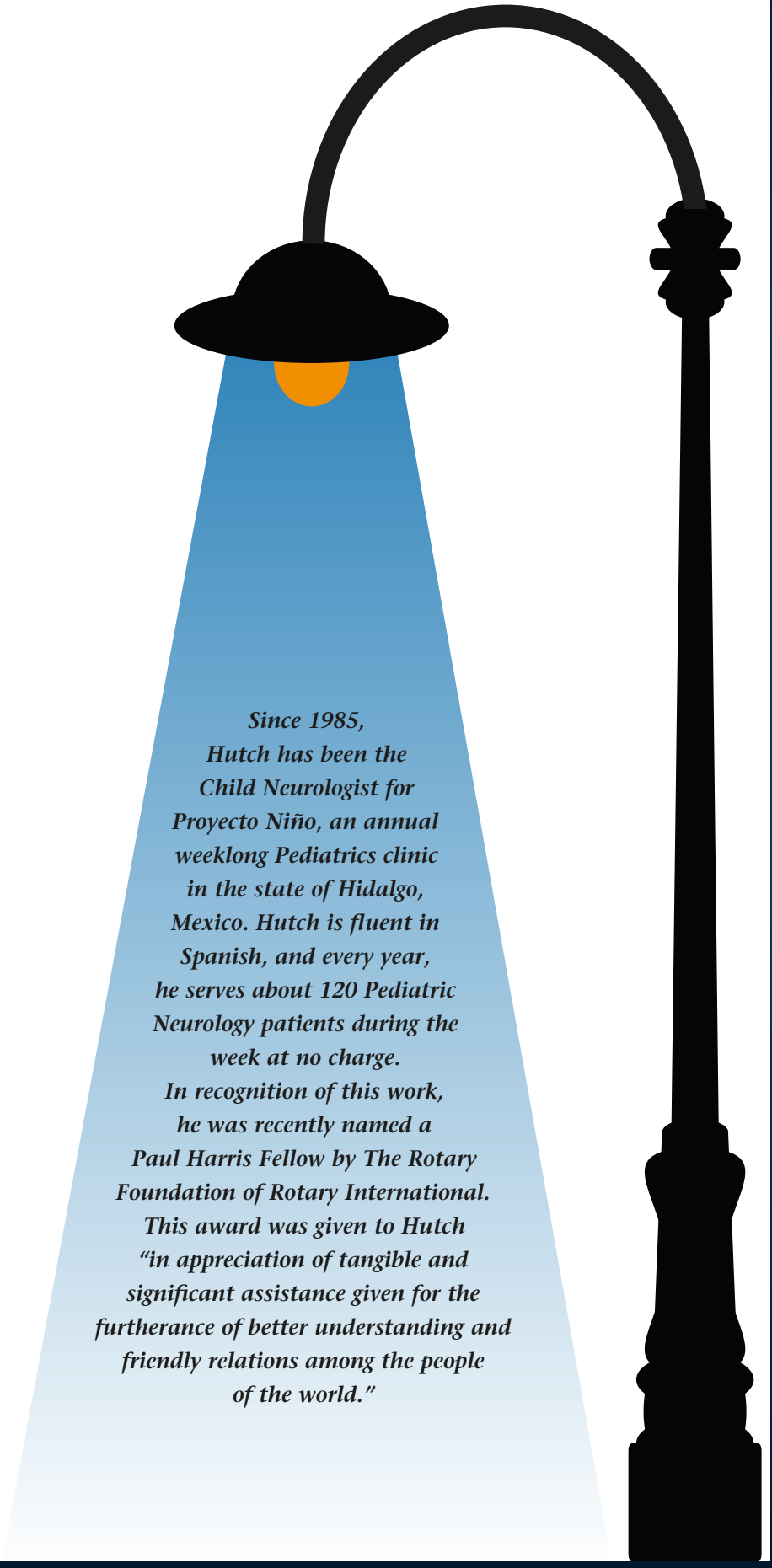
cries with the families and laughs with them. He sees the whole kid and he has such a humane and compassionate way."

Hutch is always available for his patients: he gives out his cell phone number to almost every one of his patients. According to Hutch, he considers that easy accessibility a matter of physician "ownership" of patients: "When I see a patient, it's my patient. Others may see them, of course. But I give them my cell phone and tell them I'll always respond as I can." Hutch's rapport with his patients and their families is inspirational.

Hutch is beloved by his trainees and colleagues. I have known Hutch for over 10 years. We met when I was a 4th year medical student at the 2007 Child Neurology Society meeting in Quebec City. The impression he made on me was a major factor in my choosing UCSF for residency training. I was lucky to train with him at UCSF, and I have volunteered to be the second Child Neurologist for Proyecto Niño every year I've been able to since I finished residency. Hutch is kind, humble, and every time I interact with him, I am blown away by his intellectual abilities and depth of knowledge. Outside of medicine, Hutch has an enormous breadth of expertise and interests. For example, on the most recent Proyecto Niño, in between patients, he quoted poetry to me from memory in Nahuatl (Aztec).

Hutch will never retire. According to Dr. Peterson, one of his colleagues at UCSF Fresno, "Hutch is on his third career I think. He was going to retire, but the ink wasn't even dried when he called and asked if he could come back. He's one of those people we have to say 'Go home!' to because he'd work 24 hours a day if he could." In Hutch's words, "I told my wife I'll probably retire when I can't find my way to the office anymore. She said, 'Oh no, I'll drive you!' We've lived together 67 years."

In summary, Dr. Terry "Hutch" Hutchison is the quintessential Child Neurologist. He is the person we want to celebrate for his lifelong demonstration of excellence in and dedication to the care of children with neurological disorders.



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CNS Roger and Mary Brumback Lifetime Achievement Award

Carol Camfield, MD

Presented Wednesday evening, October 23

CAROL CAMFIELD, MD

PROFILE WRITTEN BY DEBORAH HIRTZ, MD AND RENÉE SHELLHAAS, MD, MS

Carol Camfield, MD is a remarkable clinician and researcher whose life's work has had transformational impact on the field of pediatric epilepsy. She spent her distinguished career dedicated to improving the lives of children with neurological disorders, especially epilepsy, and continues to participate actively as a leader and mentor for the epilepsy community of child neurologists. She has had a lifelong interest in the quality of life of the children with neurodevelopment illnesses and has in a very personal way affected many families.

Dr. Camfield spent her childhood in Ann Arbor, MI, where she was a championship tennis player, a figure skater and a sailor. She spent one year in Wisconsin before returning to the University of Michigan for her undergraduate degree and graduated from the University of Michigan medical school in 1970 (one of only 10 women in her class). She remained in Ann Arbor, at Mott Children's Hospital for her residency in Pediatrics. There, she met the love of her life and enduring professional collaborator, Peter Camfield. After graduation, they moved to Montréal for additional training – Carol as a clinical scholar at the Robert Wood Johnson Foundation and Peter in Child Neurology. They then made the fateful decision to move east, and settled in Halifax, Nova Scotia.

Carol quickly realized the unparalleled opportunity of their new setting to enable a longitudinal study of *every* child diagnosed with epilepsy in the province of Nova Scotia between 1977 and 1985. Following this cohort with personal contacts (via many after-dinner telephone calls to families from their kitchen office) over the next 30 years enabled the Camfields to ask detailed questions that are at the heart of parents and clinicians who care for children with epilepsy: will the seizures stop and lead to a smooth sailing trajectory or will the seizures become intractable? Will we be able to stop the medicines eventually? Will the child survive? Will there be behavioral consequences? Will the child thrive in adulthood or have lifelong psychosocial challenges? Additional key contributions included study of febrile seizures and their treatment (especially the effects of phenobarbital on behavior, sleep, and learning); use of home monitors for siblings of infants who died from SIDS; how families cope with the severe stress of Dravet syndrome; documenting that poor children with epilepsy have the same clinical course and the same needs as those who are more affluent; documentation of little benefit from routine drug screening in children with epilepsy; and recognition and prevention of pain in infants.

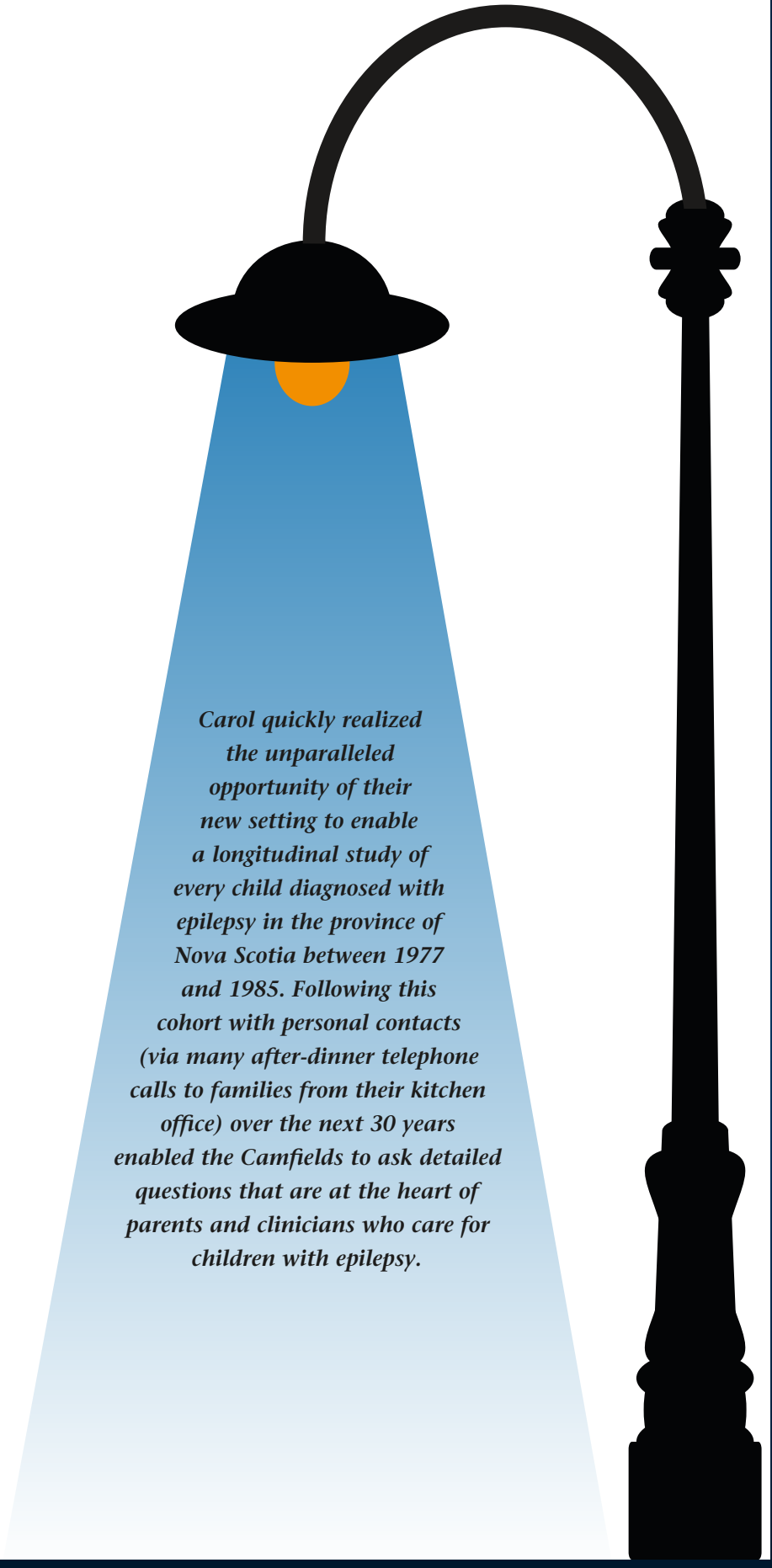
Drs. Camfield have been recognized as an incomparable team with prestigious awards from the International League Against Epilepsy (Best Clinical Trial of Anticonvulsant Drugs, 1983; Ambassador for Epilepsy, 2019), American Epilepsy Society (Clinical Investigator Award, 1990), Canadian League Against Epilepsy (Wilder Penfield Epilepsy Research Award, 2003), and the Canadian Pediatric Society (Career Research Award, 2010). Typical of their attitudes is this quote from a paper by Drs. Camfield: "Support groups have contributed their ideas to our research and taught us about their immeasurable fortitude and joy but impatience with our slow progress in answering critical questions about the management and treatment of childhood epilepsy."

Despite her prolific output of nearly 200 high impact research papers, Dr. Carol Camfield spent the majority of her time as a clinician,

teacher and patient advocate. Her patients especially loved watching her on television as the pediatrician on a special segment of the Canadian edition of Sesame Street. She served on numerous committees for Dalhousie University, including as chair of the medical school admissions committee and elected member of the Senate.

Perhaps her greatest impact has been her service as a research mentor. Students, residents, and faculty members have been frequent collaborators and regular visitors to the Camfield's home. A model of worklife integration, Dr. Camfield often reviews and discusses projects over tea and cookies, during sailing trips in Halifax harbor or while hiking along the coastline. Dr. Camfield has a worldwide reputation as an exceptional teacher and is much in demand as a speaker. She has taught students through visiting professorships and professional conferences all over the world.

In addition to all of their high impact professional accomplishments, Carol and Peter have made time for a life full of excitement. They make a point of staying for an extra day (or more!) whenever they travel for a conference, so that they can take in a museum or a hike or another adventure. They particularly enjoy their summers sailing on their boat (V-Max) and their winters in the backwoods of Québec (without power, phones, or facilities). They are devoted parents to their two daughters (Alaine Camfield, PhD, a conservation biologist with the Canadian Wildlife Service, and Renée Shellhaas, MD, MS, a child neurologist at the University of Michigan), sons-in-law (Matthew Tomlinson, a geographic information systems specialist, and Jason Shellhaas, a sports medicine physician), and their five talented grandchildren.



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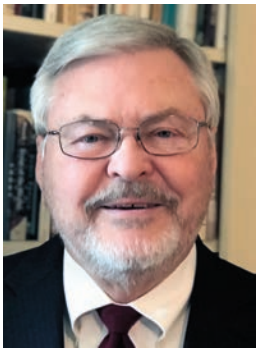
CNS Roger and Mary Brumback Lifetime Achievement Award



W. Edwin Dodson, MD

Presented Wednesday evening, October 23

W. EDWIN DODSON, MD

PROFILE WRITTEN BY CHRISTINA A. GURNETT, MD, PHD; MICHEAL NOETZEL, MD; JOHN ZEMPEL, MD, PHD

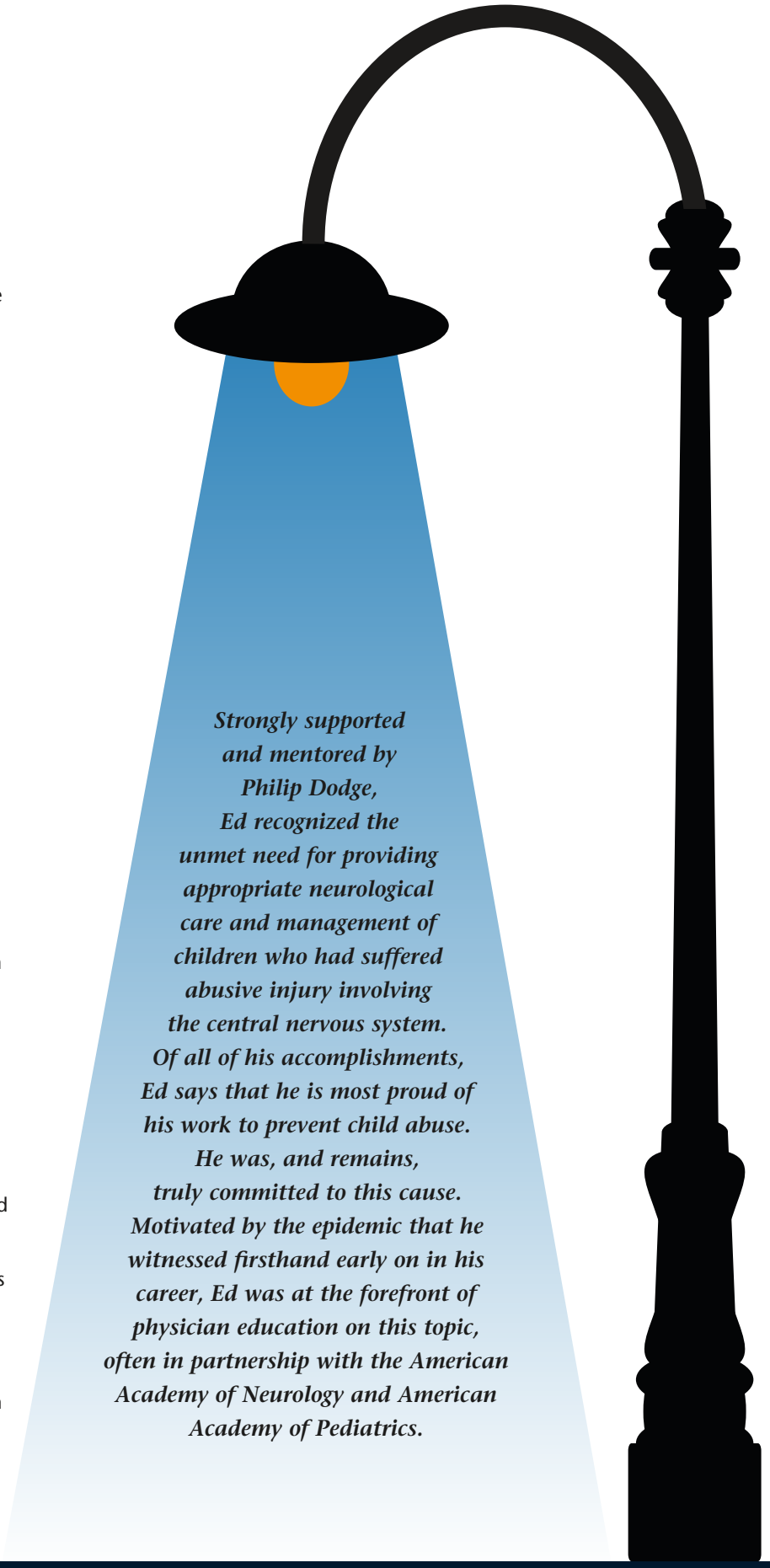
W. Edwin Dodson, MD was born and raised in a working class family at Dodsons Crossroads (Chapel Hill/Durham); his mother was a nurse and his father ran a gas station. He received his bachelor's and medical degrees from Duke University and trained in pediatrics at Boston Children's Hospital and in Child Neurology at Saint Louis Children's Hospital and Washington University School of Medicine. Ed then completed fellowships at the National Institute of Child Health and Human Development and at the Murdoch Developmental Center under tutelage of Dr. A. W. Renuart researching screening for abnormalities of amino acid metabolism. After completion of his training, Ed's main academic interest in the 1980s and 90s (both clinical and research) was in the area of pediatric epilepsy. He was instrumental in advocating for and the development of programs designed to test new antiepileptic drugs for the treatment and management of children with the most severe forms of epilepsy. While commonplace today, when Ed started out he was truly a pioneer in his efforts to promote laboratory and clinical trials for the typically refractory forms of epilepsy. Subsequently he was lead author on two of the most instrumental papers of the time on the treatment of epilepsy and seizures published in the Journal of Pediatrics. His collaboration in these papers with Drs. Sydney Goldring, Darryl De Vivo, Philip Dodge and Arthur Prensky illustrated his early commitment to optimizing the treatment of seizures through deeper understanding of antiepileptic pharmacology, creating testing protocols for the small clinical volumes needed to study children. This work lead to seminal papers on phenytoin, valproic acid and phenobarbital pharmacokinetics and dynamics in adults, children and neonates that we still rely on in clinical practice to this day. In 1991 he let a group of more than 100 neurologists in the development of the first guidelines for the treatment of convulsive status epilepticus for the Epilepsy Foundation of America. Over the years Dr. Dodson has published over 100 original articles, reviews and book chapters.

Dr. Dodson combined his academic endeavors with leadership and advocacy by serving in a multitude of capacities in the American Epilepsy Society, the Epilepsy Foundation of America and the Child Neurology Society. Ed served on the Child Neurology Society Training Committee and was elected to a two year term on the CNS Executive Committee as Councillor for the Midwest (1985-87). He also served on the editorial board member for the Annals of Neurology in the years 1983-1989. His dedication, skill and leadership in the field of pediatric epilepsy has been recognized with him receiving the Clemens Award of the Epilepsy Foundation of St. Louis and the American Epilepsy Society's J. Kiffin Penry Award for Excellence in Epilepsy Care. In 2018 he was the recipient of a Lifetime Achievement Award from the Epilepsy Foundation of Missouri and Kansas.

Strongly supported and mentored by Philip Dodge, Ed recognized the unmet need for providing appropriate neurological care and management of children who had suffered abusive injury involving the central nervous system. Of all of his accomplishments, Ed says that he is most proud of his work to prevent child abuse. He was, and remains, truly committed to this cause. Motivated by the epidemic that he witnessed firsthand early on in his career, Ed was at the forefront of physician education on this topic, often in partnership with the American Academy of Neurology and American Academy of Pediatrics. His regional efforts included a decades long involvement in the Missouri Conference on Child Abuse and Neglect and the Committee to Prevent Child Abuse. After recognizing the need for local implementation of preventive strategies, he became the founding president of the St. Louis Family Support Network in 1983; the organization's goal was, and remains to this day, to strengthen at-risk families in order to prevent child abuse and neglect by providing free, in-home family counseling. He was also a governor appointee of the Chairman of the Children's Trust Fund of Missouri, whose efforts also encompass the prevention and alleviation of child abuse and neglect. For his work, Ed received the St. Louis Child Abuse Network Child Advocacy Award (1990), and the Guardian Angel Award, Family Support Network (1999). In 2004 Dr. Dodson received Washington University's Gerry and Bob Virgil Ethic of Service Award and in 2010 the Medical Alumni Association Distinguished Service Award.

Ed's impact on pediatric neurosciences both at Washington University School of Medicine and nationally also directly relates to the dual roles he served for more than 20 years as Chairman of the Committee on Admissions for the School of Medicine and as Associate Vice Chancellor and Dean for Admissions and for Continuing Medical Education at Washington University School of Medicine. In these capacities he set the tone regarding neuroscience education of physicians both in training and in practice. Every year the percentage of Washington University medical school students entering clinical neuroscience training programs (child neurology, neurology and neurosurgery) has exceeded national norms. Ed also was an admirable recruiter, and rotating medical students almost always had a tale to tell about their interactions with him, and how his sense of humor and engaging personality had brought them to Washington University. Through his efforts, the *US News and World Report* ranked Washington University No. 1 in student selectivity for more than 20 consecutive years. In addition, under his tenure, the proportion of female applicants rose from 30 percent to 50 percent and minority representation increased from 5 percent to 15 percent. Even more importantly, in this visible role, Ed was an outstanding ambassador for child neurology, and played an important role in recruiting dozens of the best medical students to enter our field. Within the Division of Pediatric and Developmental Neurology at Washington University, Ed's innate ability to assess "medical talent" has been exceedingly beneficial in the selection process and subsequent mentoring of trainees in child neurology. In culmination of all these achievements, in 2015 Dr. Dodson received the 2nd Century Award from Washington University recognizing his longterm commitment and participation that have enabled the school to enter its second century with strength and confidence.

For over 50 years Dr. W. Edwin Dodson has dedicated himself to many of the most critical aspects of the practice of child neurology, clinical care, advocacy, research and education. His consummate clinical skills are matched only by his dedication to his patients and their families. Within child neurology Ed has served as a mentor, colleague and most importantly a friend. Ed is thoughtful, witty and kind. He is a caring husband to his wife Karen, father to 6 children and grandfather to13 grandchildren and has never hesitated to lend a helping hand to friends and colleagues, especially regarding the intricacies of fly fishing, at which he has become a master!



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CNS/PCN Blue Bird Circle Training Director Award

Karen Ballaban-Gil, MD

Presented Wednesday evening, October 23

KAREN BALLABAN-GIL, MD

PROFILE WRITTEN BY SOLOMON MOSHÉ, MD

Karen Ballaban-Gil, MD, the recipient of the 2019 CNS-PCN Outstanding Training Director Award has been the leader (and poster child) of the Child Neurology residency program at the Albert Einstein College of Medicine/Montefiore Medical Center since 2001. Upon assuming the role of director, Karen modified the training program, restructuring it to reflect the changing nature of child neurology. She added many outpatient experiences, including outpatient rotations in developmental pediatrics, rehabilitation medicine, and subspecialty outpatient clinics, including epilepsy clinic, and autism clinics. She also added a monthly continuity clinic for residents to follow up patients in the outpatient setting whom they initially consulted on as inpatients, allowing them to have more of a "private practice" experience in addition to their weekly teaching pediatric neurology clinic. In recognition of her excellence, Karen was appointed as Associated Director of the Isabelle Rapin Division of Child Neurology at the Albert Einstein College of Medicine/Montefiore Medical Center. Isabelle must be smiling, indeed, as she was the proud mentor and guiding light in Karen's career in child neurology.

Karen developed a core curriculum for the pediatric neurology trainees and organized lectures on this curriculum. Together with the training director of the child psychiatry program, she organized bimonthly joint conferences with the child psychiatry team. She was instrumental in organizing a weekly teaching conference with the pediatric neurosurgery team, to improve the educational experience and patient care of patients with pediatric neurosurgical/neurological disorders.

As the demands of the ever increasing numbers of inpatient consultations began to impinge on the teaching time (and therefore learning experiences) of the residency program, Karen reorganized the service to have two attendings: one with primary teaching responsibilities, the other, the hospitalist, to manage the clinical responsibilities of the inpatient service. Karen also reached out to other institutions in the New York area to develop relationships and coordinate new rotations for residents in subspecialty areas where Montefiore's program did not have the depth of knowledge to give the residents sufficient experiences, including in neurooncology, neurogenetics and neuroimmunology.

Karen has been instrumental in setting up centers of excellence for pediatric neurology care at Montefiore Medical Center/Albert Einstein College of Medicine, helping to coordinate multidisciplinary clinics that care for children with complex neurological disorders, such as the Tuberous Sclerosis and Neuro-Cutaneous clinic, the Tristate Rett Center, and the Multiple Disciplinary Muscular Dystrophy Association (MDA) clinic.

Karen worked with the pediatric emergency department (ED), hospitalists and other pediatric subspecialists to develop treatment protocols and guidelines in order to decrease the reliance on our house staff to do inpatient consultations and improve the quality and timeliness of care that our patients receive, both inpatient and outpatient. Examples of these protocols include development of an evaluation, treatment and referral pathway for infants with suspected brachial plexus injuries in our newborn nurseries,; development of an evaluation and referral pathway for children referred to our ED or outpatient offices for evaluation of (suspected) papilledema; development of an evaluation and rapid referral pathway for children with new onset seizures; and, most recently, the development of a pediatric stroke pathway for the Children's Hospital at Montefiore. This last endeavor involves coordination of multidisciplinary care, including neuroradiology, pediatric interventional neuroradiology, neurosurgery, pediatric intensive care, pediatric hematology and our adult stroke service, as well as championing the development of the pediatric stroke pathway (order sets, pediatric NIH stroke scale, etc.) in the EPIC medical records system.

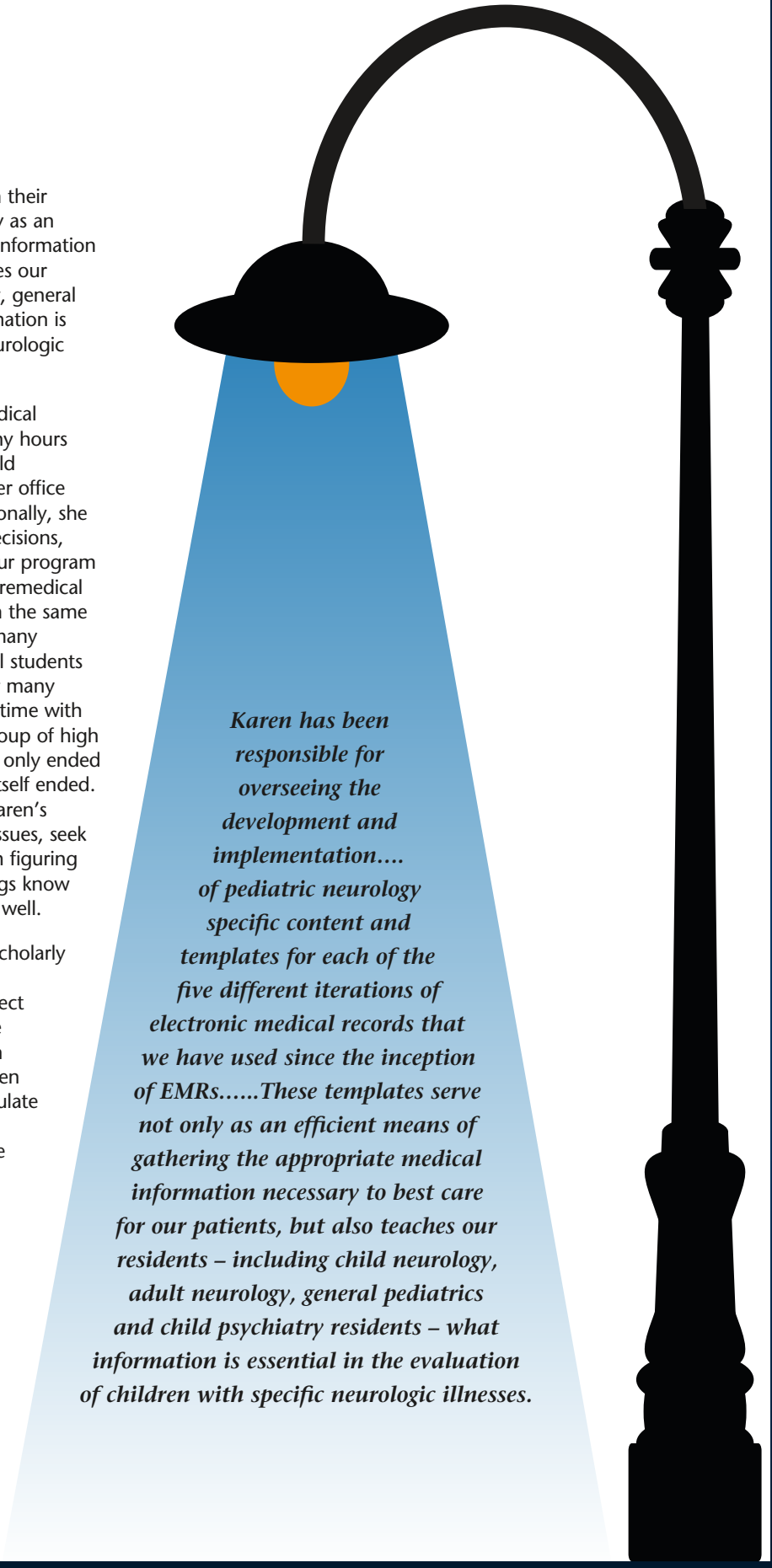
Karen has been responsible for overseeing the development and implementation of all of our electronic medical records systems for the Division of Child Neurology. In this role, she has worked together with the IT division of Montefiore to develop pediatric neurology specific content and templates for each of the five different iterations of electronic medical records that we have used since the inception of EMRs. In creating these templates, Karen has developed age and diagnosis specific templates that help guide the residents through the appropriate history-taking and physical

examination of pediatric neurology patients, based on their presenting complaints. These templates serve not only as an efficient means of gathering the appropriate medical information necessary to best care for our patients, but also teaches our residents – including child neurology, adult neurology, general pediatrics and child psychiatry residents – what information is essential in the evaluation of children with specific neurologic illnesses.

Karen serves as a mentor for premedical students, medical students, residents and junior faculty. She spends many hours with medical students interested in neurology and child neurology, having them spend time and shadow in her office to expose them to the field of child neurology. Additionally, she counsels aspiring medical students about residency decisions, regardless of whether they are planning to come to our program or prefer to go elsewhere. She has had a number of premedical students shadow her, as well, hoping to instill in them the same love of child neurology that she has. In addition, for many years, Einstein had a program for minority high school students interested in pursuing careers in health care fields. For many years, Karen would have one of these students spend time with her for six weeks each summer and lectured to the group of high school students during the school year, as well. Karen only ended her participation in this program when the program itself ended. Both adult and child neurology residents know that Karen's door is always open to speak to her about residency issues, seek guidance in making career decisions, or ask for help in figuring out how to balance family and career. Junior attendings know they can turn to Karen for guidance in these areas, as well.

Karen mentors our child neurology residents in their scholarly activities, as well. A number of years ago, we began requiring all residents to participate in a scholarly project prior to graduation; the project can range from a case presentation with review of the literature to a research project. Throughout the course of their residency, Karen meets regularly with each resident to help them formulate research questions and projects and helps guide them to appropriate mentors for those projects. When those projects are within the scope of her expertise, she has often mentored the projects herself.

Karen has made a difference in our training program as she provides effective guidance together with "tender" discipline and support as needed for physicians during their formative years. Her influence goes beyond our institution, extending to all child neurology programs. Receiving this prestigious award from the Child Neurology Society is a well-deserved recognition of her many achievements as a physician-educator. We are lucky in our Society to have such an inspirational leader and wonderful human being training our "young ones."



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CNS Bernard Sachs Award

Scott L. Pomeroy, MD PhD

Presented Friday morning, October 25

SCOTT L. POMEROY, MD PHD

PROFILE WRITTEN BY DANIEL J. BONTHIUS, MD, PHD

The Bernard Sachs Award honors an outstanding teacher and scholar of international status who has conducted leading research in neuroscience with relevance to the care of children with neurological disorders, an apt description of this year's recipient of this prestigious award, Dr. Scott Pomeroy. A highly effective teacher, scholar, administrator, and leader within the field of child neurology, his primary focus is the field of pediatric neuro-oncology.

Scott entered the world in Cincinnati, where he spent his childhood and adolescence. His grandfather was a civil engineer; his father a chemical engineer; his first brother a mechanical engineer; and his second brother an industrial engineer. Born into such a solid family of engineers, one might have thought that Scott's destiny would be engineering as well. But young Scott's interest was biology, and he recognized in himself, early on, a passion for human interaction and desire to help people. Thus, by the time he was in high school, he had set himself on a course toward the "human engineering" of medicine.

Throughout his high school and college days, Scott volunteered at the Cincinnati Children's Hospital, where, thirsty for knowledge, he went on rounds with the great developmental pediatrician, Dr. Jack Rubenstein, and one of the founders of the field of teratology, Dr. Josef Warkany. These pediatric luminaries exposed Scott to the world of neurodevelopmental disorders and propelled him toward a career in child neurology.

Scott's formal education included college at Miami University of Ohio, an MD-PhD from the University of Cincinnati, Pediatrics residency at Boston Children's Hospital, Child Neurology residency at St. Louis Children's Hospital, and a postdoctoral fellowship at Washington University School of Medicine. In the course of this education, he encountered three special mentors whose lessons shaped his thoughts and career forever.

The first of these influential mentors was Dr. David Nathan, a giant figure in the field of pediatric hematology-oncology at Boston Children's Hospital. As a pediatric resident, Dr. Pomeroy spent much time with this mentor, who inspired in Scott the perspective that science, conducted at a high level, could truly solve medical problems and that a practicing physician can find synergy by bringing research and clinical practice together. Dr. Pomeroy applied these lessons throughout his career as he focused his laboratory skills and his clinical efforts jointly on the target of neuro-oncology.

His second important mentor was Dr. Phillip Dodge, Chief of Pediatrics at St. Louis Children's Hospital and namesake to the CNS Young Investigator Award, which Dr. Pomeroy would later win (1989). For Scott, Dr. Dodge was the consummate role model, as he demonstrated how to be both a compassionate physician and an effective leader. Phil taught the value of addressing with humanism not just neurologic issues, but all aspects of a patient's life. Further, Phil showed that a physician leader can make the greatest strides by focusing not just on one's own career, but on the careers of those he or she leads. Dr. Pomeroy would later enact these lessons in humanism and leadership with his own patients and as Chairman and Neurologist-in-Chief at Boston Children's Hospital.

Dr. Pomeroy's third important mentor was Dr. Dale Purves – a highly influential pioneer in the field of developmental neurobiology and Scott's postdoctoral mentor at Washington University in St. Louis. From Professor Purves, Scott learned that effective scientists doubt themselves, double- and triple-check their results, and are skeptical of their own conclusions. Only by pursuing the truth with care and rigor can scientists make true progress. Scott took this lesson to heart as he successfully sought to uncover important facts in pediatric neuro-oncology. Dr. Purves further taught the importance of discriminating writing, a lesson that Scott would later employ in his many publications and as Associate Editor of the Annals of Neurology and co-editor of Bradley's Neurology in Clinical Practice.

With such excellent mentors, combined with his innate drive and abilities, Dr. Pomeroy has emerged as a foremost leader in the field of neuro-oncology and child neurology. Dr. Pomeroy chose to enter the field of neuro-oncology because of an abiding interest in the biology of cancer and because he realized that the study of brain tumors would allow him to find synergy in his research and clinical work, as he transitioned back and forth between the laboratory and his patients' bedside.

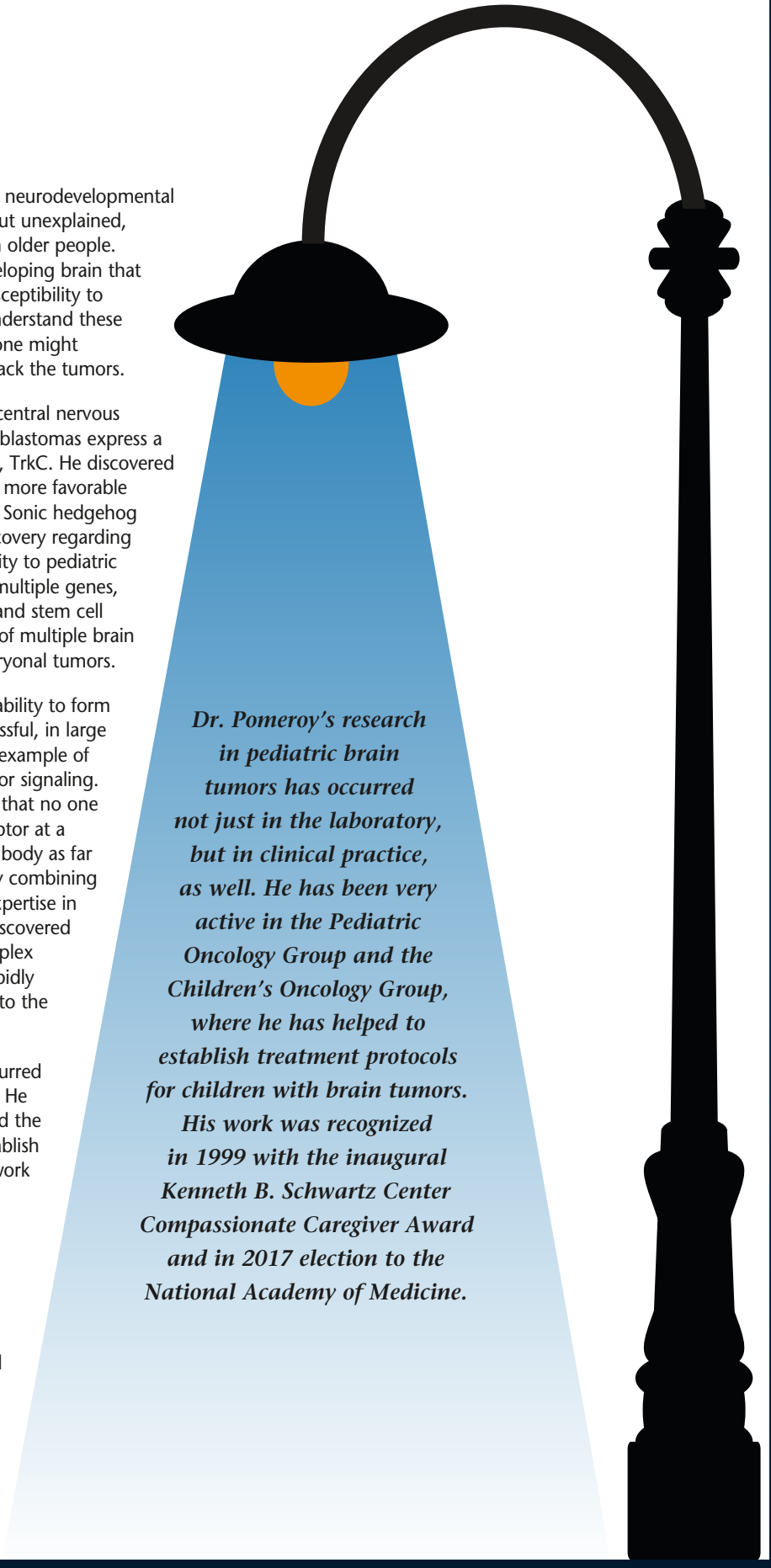
Dr. Pomeroy's goal is to understand brain tumors from a neurodevelopmental perspective. He has been intrigued by the well-known, but unexplained, fact that certain tumors occur only in children and not in older people. This implies that there must exist certain cells in the developing brain that are susceptible to oncogenesis and that they lose this susceptibility to form cancers as development progresses. If one could understand these developmentally determined susceptibility factors, then one might understand what causes cancers and perhaps how to attack the tumors.

As a first step toward identifying susceptibility factors in central nervous system neoplasms, Dr. Pomeroy discovered that medulloblastomas express a particular neurotrophin, neurotrophin-3, and its receptor, TrkC. He discovered that high levels of trkC expression independently predict more favorable outcome, and later found that trkC is a biomarker of the Sonic hedgehog subgroup of tumors. This study began his journey of discovery regarding the cellular and molecular factors that control susceptibility to pediatric brain tumors. He has since identified the importance of multiple genes, proteins, growth factors, receptors, signaling pathways, and stem cell populations in determining the biological characteristics of multiple brain tumor types, especially medulloblastoma and other embryonal tumors.

One key to Dr Pomeroy's scientific success has been his ability to form fruitful collaborations. As Scott notes, "I have been successful, in large part, because I made a lot of great collaborations." One example of a fruitful collaboration was his study of neurotrophic factor signaling. In the early 1990's, he and two close colleagues realized that no one understood how activation of a neurotrophic factor receptor at a nerve terminal could produce a survival signal in the cell body as far as one meter away. Dr. Pomeroy confronted this issue by combining his expertise in cell biology with his two collaborators' expertise in signal transduction and neurotrophins. Together, they discovered that the neurotrophic factor and its receptor form a complex that is internalized within the nerve terminal and very rapidly transported within a coated vesicle along the axon back to the cell body.

Dr. Pomeroy's research in pediatric brain tumors has occurred not just in the laboratory, but in clinical practice, as well. He has been very active in the Pediatric Oncology Group and the Children's Oncology Group, where he has helped to establish treatment protocols for children with brain tumors. His work was recognized in 1999 with the inaugural Kenneth B. Schwartz Center Compassionate Caregiver Award and in 2017 election to the National Academy of Medicine.

In addition to his success as a physician-scientist, Scott is a family man. He and his wife, Marie, have five children and five grandsons, with whom they engage in frequent outdoor activities, including hiking, biking, and kayaking. Dr. Pomeroy considers himself to be fortunate to have so many varied and wonderful blessings, and is most grateful for being chosen to receive the 2019 Bernard Sachs Award.



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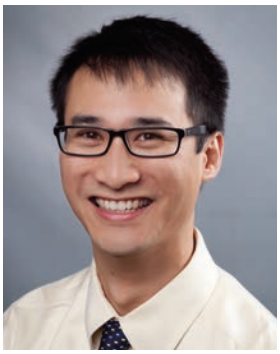
CNS Philip R. Dodge Young Investigator Award



Louis T. Dang, MD, PhD

Presented Friday morning, October 25

LOUIS T. DANG, MD, PHD

PROFILE WRITTEN BY RENÉE SHELLHAAS, MD, MS AND STEVEN LEBER, MD, PHD

This year's Philip R. Dodge Young Investigator Award recipient is Louis T. Dang, MD, PhD, of Michigan Medicine. The award will support his ongoing investigations into cellular and molecular mechanisms of genetic epilepsies and the development of novel therapeutics for SCN1A-related Dravet Syndrome.

Dr. Dang's development into a career in pediatric neurology started with early exposure to the field of medicine. One might say that medicine is Dr. Dang's family trade – both of his grandfathers were physicians, and his paternal grandfather was one of the first Vietnamese neurosurgeons and the dean of the medical school in Saigon, Vietnam. His father, eight of his aunts and uncles, and his brother are all physicians or dentists. His wife, whom he met in a neighboring neuroscience lab during graduate school, is a pediatric neurosurgeon in Detroit, Michigan. We are already looking forward to their infant son's future career in neuroscience!

As a chemistry major at Stanford University, Dr. Dang spent his summers in the organic chemistry laboratory of James P. Collman, PhD, developing and studying biomimetic chirally-selective catalysts that would improve the process of drug synthesis. Through this work, Dr. Dang caught the bug for scientific discovery. He wanted to apply his efforts more directly to health-related research, though, and decided to combine the pursuits of clinical medicine and science through a combined MD-PhD program.

In 2001, Dr. Dang entered the Medical Scientist Training Program, funded by the National Institutes of Health, at the Johns Hopkins School of Medicine. He completed his PhD in Neuroscience with Nicholas Gaiano, PhD, studying the role of Notch signaling in cell fate specification of neural stem cells in the developing mouse brain. Their research showed that Notch signaling maintained a neural stem cell fate and distinguished the stem cells from intermediate progenitors. In work linking developmental and oncogenic pathways, they also showed that aberrant Notch activity was sufficient for the oncogenesis of certain tumors. He graduated with his MD and PhD degrees in 2009 and was selected by his peers to present the commencement address.

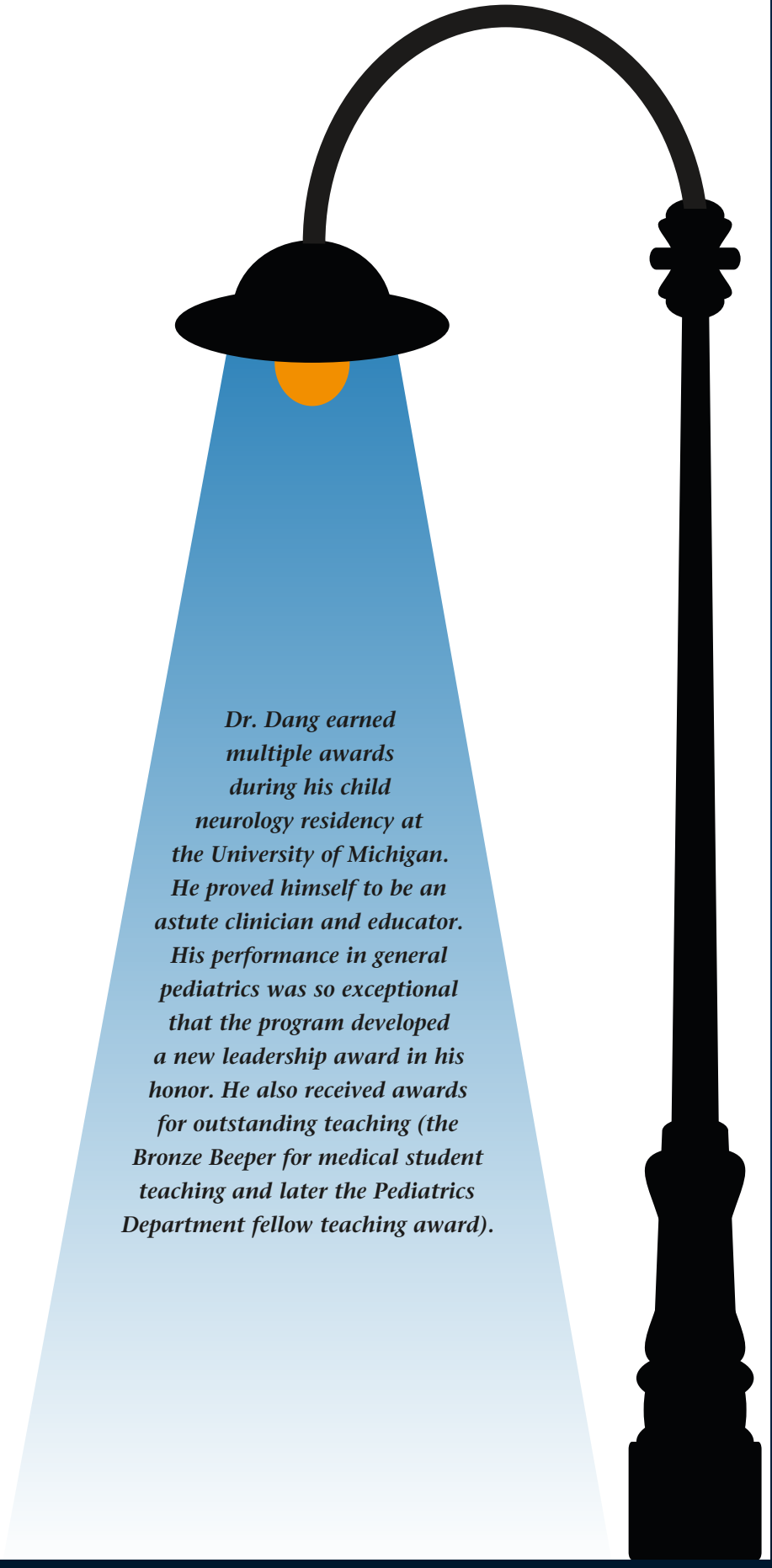
Dr. Dang earned multiple awards during his child neurology residency at the University of Michigan. He proved himself to be an astute clinician and educator. His performance in general pediatrics was so exceptional that the program developed a new leadership award in his honor. He also received awards for outstanding teaching (the Bronze Beeper for medical student teaching and later the Pediatrics Department fellow teaching award). Dr. Dang continued to apply his passion for scientific inquiry during his clinical training with published work in *Pediatrics and Epilepsia*. During residency, with the mentorship of Dr. Renée Shellhaas, MD, MS, he published a case series on children with cerebral atrophy who developed subdural hemorrhages after receiving antithrombotic therapy. For this work, he was awarded the CNS M. Richard Koenigsberger Scholarship Award and the Department of Neurology Resident Research Award. Dr. Dang stayed at Michigan Medicine for a one-year fellowship in Clinical Neurophysiology, during which he examined the yield of continuous EEG monitoring in children with paroxysmal vital sign changes, again with mentorship from Dr. Shellhaas, and again winning an award (this time the Department of Pediatrics Fellowship Clinical Research Award).

After his clinical training, Dr. Dang returned to the laboratory as a Clinical Lecturer at the University of Michigan to pursue fundamental knowledge of brain development and associated disorders through basic and disease-oriented research. In 2015, he joined the laboratory of Dr. Jack Parent, MD, as a

postdoctoral fellow to study the pathogenesis of early-onset genetic epilepsies using human stem cell models. Dr. Dang uses patient-derived and gene-edited induced pluripotent stem cells (iPSCs) derived into two- and three-dimensional neural cultures to examine cellular, molecular, and electrophysiological abnormalities caused by pathogenic genetic variants. In 2016, he received the Department of Pediatrics Faculty Award for Basic Science Research.

With initial support from an institutional K12 (CHRCDA) and then from NINDS (K08) and the Dravet Syndrome Foundation, Dr. Dang's research has focused on sodium channelopathies including pathogenic variants in the *SCN1A* and *SCN1B* genes which cause Dravet Syndrome. More recently he has been studying mutations in an mTOR pathway gene *STRADA*, which causes Polyhydramnios, Megalencephaly, and Symptomatic Epilepsy (PMSE) Syndrome. His Dodge Young Investigator Award research focuses on a strategy to augment *SCN1A* expression by using antisense oligonucleotides to target upstream open reading frames in the *SCN1A* gene.

Dr. Dang is a remarkable child neurologist who has already shown exceptional abilities as a scientist, clinician, and educator. His research combines cutting edge laboratory neuroscience with key bedside clinical observations. His work holds promise to lead to direct therapeutic benefit in Dravet Syndrome as well as other diseases with haploinsufficiency as the genetic mechanism. With a love and aptitude for teaching, astute clinical skills, and tenacious scientific pursuit, Dr. Dang is a model for young investigators in our field and is most deserving of this year's Philip R Dodge Young Investigator Award.



CNS Hower Award

James F. Bale, Jr., MD

Presented Saturday morning, October 26

JAMES F. BALE, JR., MD

PROFILE WRITTEN BY DANIEL J. BONTHIUS, MD, PHD

The Hower Award honors a member of the Child Neurology Society who is highly regarded as a teacher and scholar, who has made substantial contributions to the Child Neurology Society, and who is recognized for contributions to child neurology at other national and international venues and organizations. In other words, the Hower Award winner is a consummate role model whose career and accomplishments the rest of us aspire toward. This year, the Child Neurology Society's choice for this prestigious award is Dr. James (Jim) Bale, whose work and impact as a scholar, administrator, doctor, and educator in the field of child neurology have been awe-inspiring.

James Franklin Bale was born in Kalamazoo, Michigan to a family that revered education, many of whom practiced it as their profession. His paternal grandmother, father, and uncles on both sides of his family were educators and instilled in young Jim the importance and excitement of learning. This familial passion for teaching likely formed the nucleus of Jim's enthusiasm for teaching and the awards that he would win for it.

While his family background pushed Jim toward a career in education, his mother pushed him toward medicine. A registered nurse, his mother revered physicians and encouraged her young son to make her proud by becoming a doctor. Valedictorian of his high school class, Jim had the academic skills to enter whatever field he chose. Eager to please his parents, he chose medicine and has never regretted his mother's advice or the choices he made.

After graduating from Residential College and Medical School at the University of Michigan, Dr. Bale entered a pediatrics residency at the University of Utah. While still in the first few months of his intern year, he encountered Dr. Pat Bray, the director of Utah's child neurology program. Despite being in the earliest stages of his training, Jim must have impressed Dr. Bray, who offered him a fellowship position in child neurology, to begin after his second year of pediatrics training. Fascinated by the developing brain and the diseases that can afflict it, Dr. Bale leapt at the opportunity.

During his training, Dr. Bale encountered Dr. Lowell Glasgow, Utah's pediatric chairman in the 1970's, and he became Dr. Bale's first research mentor. Dr. Glasgow nurtured Dr. Bale's interest in viral infections, the subject that would constitute the basis of Dr. Bale's research for the rest of his career and toward which he would make important contributions. He would later learn neurovirology from Dr. J. Richard Baringer, University of California, San Francisco.

During his early career in child neurology, Dr. Bale had many mentors who left their marks on his practice of child neurology. Dr. Bray would teach Dr. Bale the science of child neurology, and Dr. William Bell, division director at the University of Iowa, where Dr. Bale took his first academic appointment, would teach him the art of child neurology. (It is worth noting that both Dr. Bray and Dr. Bell were previous Hower Award winners.) With the science and the art of child neurology bestowed by these two eminent figures in the field, it is little wonder that Dr. Bale became a highly successful child neurologist.

As a scientist, Dr. Bale has made major contributions to the field of virology. Focusing principally on cytomegalovirus (CMV), he explored virus transmission among humans, risk factors for infection, and the effects of CMV on the developing brain. Dr. Bale's contributions to knowledge regarding CMV infections in children have been so great that it is difficult to find a textbook or article on this subject, published within the last 30 years, that does not include him as an author or cite his work.

In his research on CMV, Dr. Bale formed a productive and long-lasting collaboration with Dr. Jody Murph, a pediatric colleague at the University of Iowa. Together, Drs. Bale and Murph investigated the epidemiology of CMV in young children and in child care personnel. While Dr. Murph directed the clinical program, Dr. Bale's laboratory used PCR-based methods to characterize CMV strains. Using this division of labor, they made several impactful discoveries. Among the most important, they found that several different CMV strains could circulate in a child care center simultaneously, that children in these centers could be re-infected with new CMV strains, and that the risk of seroconversion among child care providers parallels rates of CMV excretion and acquisition among children at each center.

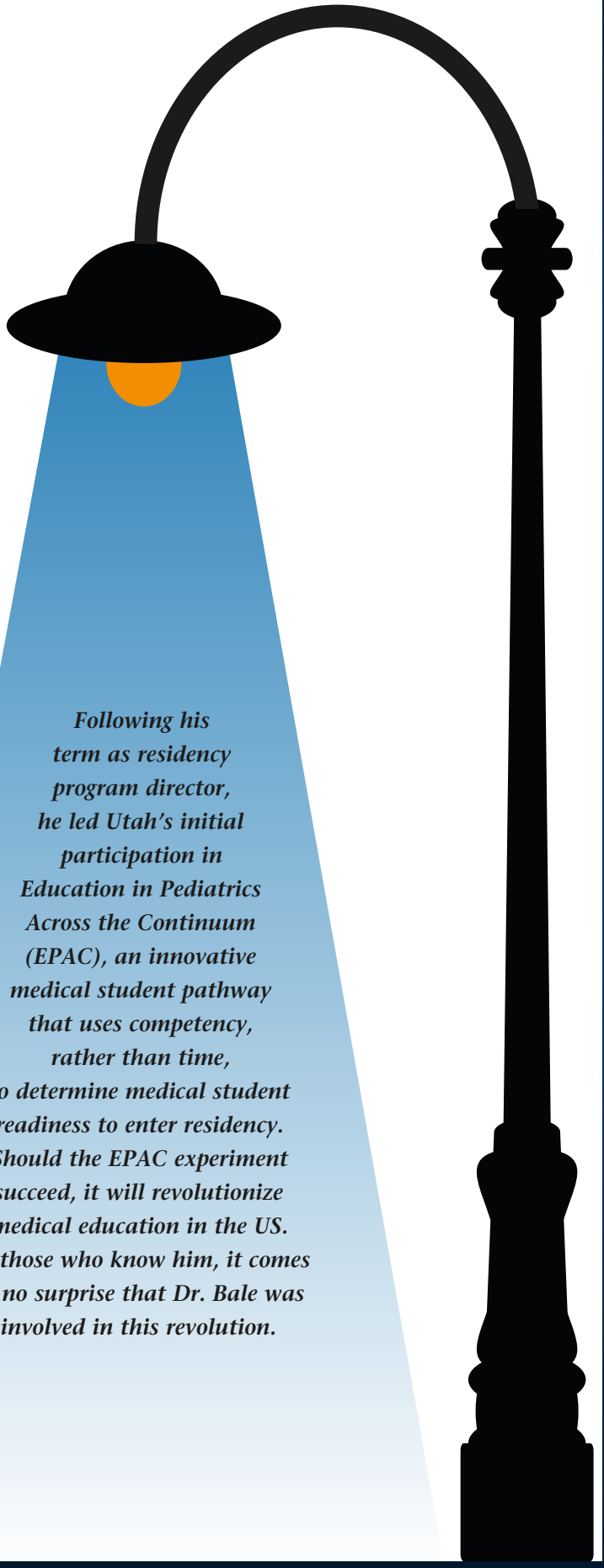
As a teacher, Dr. Bale has positively impacted the educations of countless learners at all levels. He has lectured to medical students on many subjects, demonstrated the technique of the history and physical exam to residents, served as a trusted mentor to junior faculty and provided continuing medical education to practitioners. Dr. Bale's greatest joy as an educator was the privilege of serving as Director of Utah's Categorical Pediatrics Residency Program for ten years. Under his direction, the Utah program grew into one of the premier pediatric residencies in the US.

Following his term as residency program director, he led Utah's initial participation in Education in Pediatrics Across the Continuum (EPAC), an innovative medical student pathway that uses competency, rather than time, to determine medical student readiness to enter residency. Should the EPAC experiment succeed, it will revolutionize medical education in the US. To those who know him, it comes as no surprise that Dr. Bale was involved in this revolution.

Dr. Bale has contributed mightily to the Child Neurology Society. He has chaired symposia, served on the board, chaired committees, and served as President from 2003-2005. As President, he encouraged work force studies and supported the efforts of Dr. Harvey Singer and colleagues in establishing the residency match in child neurology. He has represented the discipline of child neurology on committees or work groups of the American Board of Pediatrics, the National Institutes of Health and the Centers for Disease Control and Prevention and chaired the Council of Pediatrics Subspecialties (COPS).

For 45 years, Dr. Bale has been married to his wife, Martha, who has been a great success in her own right, serving as Director of Technical Operations at ARUP Laboratories, Salt Lake City, prior to her retirement. Together, they raised three children, in whom they instilled a commitment to service, as demonstrated by the remarkable fact that all three served overseas in the Peace Corps.

Dr. Bale has been a great success in academics. But the place in which he has touched lives most profoundly is at the bedside. A virtuoso child neurologist, Dr. Bale could be counted on to deliver the best of care and to reassure the most anxious of parents. Dr. Bale's patients and their families loved him – for his knowledge, skills, and compassion. Dr. Bale's greatest impact as a teacher likewise occurred at the bedside. For those of us privileged to study under him, it was a joy to observe him obtain subtle, but crucial, aspects of the history and physical examination of a sick child. His greatest skill was listening, and he taught, by example, the value of careful listening to everyone he met – patients, families, students, and colleagues. Dr. Bale, an inspiration for all who have met him, personifies excellence in child neurology.



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FYCOMPA® (perampanel) is indicated in patients with epilepsy aged 4 years and older for partial-onset seizures (POS) with or without secondarily generalized seizures and adjunctive therapy for patients aged 12 years and older for primary generalized tonic-clonic (PGTC) seizures.

SEIZURE FREEDOM DATA IN NEW-ONSET POS NOW AVAILABLE

Your first treatment decision in POS could make all the difference

RETHINK YOUR APPROACH TO CONVULSIVE SEIZURE FREEDOM

VISIT **BOOTH 301** OR FIND OUT MORE AT **FYCOMPA.COM/HCP**

Please see Important Safety Information, including a **Boxed WARNING for Serious Psychiatric and Behavioral Reactions**, on adjacent page. Please see Brief Summary of Prescribing Information on following pages.

IMPORTANT SAFETY INFORMATION

WARNING: SERIOUS PSYCHIATRIC AND BEHAVIORAL REACTIONS

- **Serious or life-threatening psychiatric and behavioral adverse reactions including aggression, hostility, irritability, anger, and homicidal ideation and threats have been reported in patients taking FYCOMPA®**
- **These reactions occurred in patients with and without prior psychiatric history, prior aggressive behavior, or concomitant use of medications associated with hostility and aggression**
- **Advise patients and caregivers to contact a healthcare provider immediately if any of these reactions or changes in mood, behavior, or personality that are not typical for the patient are observed while taking FYCOMPA or after discontinuing FYCOMPA**
- **Closely monitor patients particularly during the titration period and at higher doses**
- **FYCOMPA should be reduced if these symptoms occur and should be discontinued immediately if symptoms are severe or are worsening**

SERIOUS PSYCHIATRIC AND BEHAVIORAL REACTIONS

In the partial-onset seizures clinical trials, hostility- and aggression-related adverse reactions occurred in 12% and 20% of patients randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, compared to 6% of patients in the placebo group. These effects were dose-related and generally appeared within the first 6 weeks of treatment, although new events continued to be observed through more than 37 weeks. These effects in FYCOMPA-treated patients led to dose reduction, interruption, and discontinuation more frequently than placebo-treated patients. Homicidal ideation and/or threat have also been reported postmarketing in patients treated with FYCOMPA. The combination of alcohol and FYCOMPA significantly worsened mood and increased anger. Patients taking FYCOMPA should avoid the use of alcohol. Patients, their caregivers, and families should be informed that FYCOMPA may increase the risk of psychiatric events. Patients should be monitored during treatment and for at least one month after the last dose of FYCOMPA, and especially when taking higher doses and during the initial few weeks of drug therapy (titration period) or at other times of dose increases. Similar serious psychiatric and behavioral events were observed in the primary generalized tonic-clonic (PGTC) seizure clinical trial.

SUICIDAL BEHAVIOR AND IDEATION

Antiepileptic drugs (AEDs), including FYCOMPA, increase the risk of suicidal thoughts or behavior in patients. Anyone considering prescribing FYCOMPA or any other AED must balance the risk of suicidal thoughts or behavior with the risk of untreated illness. Epilepsy and many other illnesses for which AEDs are prescribed are themselves associated with morbidity and mortality and an increased risk of suicidal thoughts and behavior. Patients, their caregivers, and families should be informed of the risk and advised to monitor and immediately report the emergence or worsening of depression, suicidal thoughts or behavior, thoughts about self-harm and/or any unusual changes in mood or behavior. Should suicidal thoughts and behavior emerge during treatment, consider whether the emergence of these symptoms in any given patient may be related to the illness being treated.

DIZZINESS AND GAIT DISTURBANCE

FYCOMPA caused dose-related increases in events related to dizziness and disturbance in gait or coordination. Dizziness and vertigo were reported in 35% and 47% of patients in the partial-onset seizure trials randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, compared to 10% of placebo-treated patients. Gait disturbance related events were reported in 12% and 16% of patients in the partial-onset seizure clinical trials randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, compared to 2% of placebo-treated patients. These adverse reactions occurred mostly during the titration phase. These adverse reactions were also observed in the PGTC seizure clinical trial.

SOMNOLENCE AND FATIGUE

FYCOMPA caused dose-dependent increases in somnolence and fatigue-related events. Somnolence was reported in 16% and 18% of patients in the partial-onset seizure trials randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, compared to 7% of placebo-treated patients. Fatigue-related events were reported in 12% and 15% of patients in the partial-onset seizure trials randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, compared to 5% of placebo-treated patients. These adverse reactions occurred mostly during the titration phase. These adverse reactions were also observed in the PGTC seizure clinical trial. Patients should be advised against engaging in hazardous activities requiring mental alertness, such as operating motor vehicles or dangerous machinery, until the effect of FYCOMPA is known. Patients should be carefully observed for signs of central nervous system (CNS) depression when FYCOMPA is used with other drugs with sedative properties because of potential additive effects.

FALLS

Falls were reported in 5% and 10% of patients in the partial-onset seizure clinical trials randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, compared to 3% of placebo-treated patients.

DRUG REACTION WITH EOSINOPHILIA AND SYSTEMIC SYMPTOMS (DRESS)

DRESS, also known as **multiorgan hypersensitivity**, has been reported in patients taking AEDs, including FYCOMPA. DRESS may be fatal or life-threatening. DRESS typically, although not exclusively, presents with fever, rash, lymphadenopathy, and/or facial swelling, in association with other organ system involvement. If signs or symptoms are present, immediately evaluate the patient and discontinue FYCOMPA if an alternative etiology for signs or symptoms cannot be established.

WITHDRAWAL OF AEDs

A gradual withdrawal is generally recommended with AEDs to minimize the potential of increased seizure frequency, but if withdrawal is a response to adverse events, prompt withdrawal can be considered.

MOST COMMON ADVERSE REACTIONS

The most common adverse reactions in patients aged 12 years and older receiving FYCOMPA (≥5% and ≥1% higher than placebo) include dizziness, somnolence, fatigue, irritability, falls, nausea, weight gain, vertigo, ataxia, headache, vomiting, contusion, abdominal pain, and anxiety. Adverse reactions in patients aged 4 to <12 years were generally similar to patients aged 12 years and older.

DRUG INTERACTIONS

FYCOMPA may decrease the efficacy of contraceptives containing levonorgestrel. Plasma levels of perampanel were decreased when administered with known moderate and strong CYP3A4 inducers, including, carbamazepine, phenytoin, or oxcarbazepine. Multiple dosing of FYCOMPA 12 mg per day enhanced the effects of alcohol on vigilance and alertness, and increased levels of anger, confusion, and depression. These effects may also be seen when FYCOMPA is used in combination with other CNS depressants.

PREGNANCY AND LACTATION

Physicians are advised to recommend that pregnant patients taking FYCOMPA enroll in the North American Antiepileptic Drug (NAAED) Pregnancy Registry. Caution should be exercised when FYCOMPA is administered to pregnant or nursing women as there are no adequate data on the developmental risk associated with use in pregnant women, and no data on the presence of perampanel in human milk, the effects on the breastfed child, or the effects of the drug on milk production.

HEPATIC AND RENAL IMPAIRMENT

Use in patients with severe hepatic or severe renal impairment is not recommended. Dosage adjustments are recommended in patients with mild or moderate hepatic impairment. Use with caution in patients with moderate renal impairment.

DRUG ABUSE AND DEPENDENCE

FYCOMPA is a Schedule III controlled substance and has the potential to be abused and lead to drug dependence and withdrawal symptoms including anxiety, nervousness, irritability, fatigue, asthenia, mood swings, and insomnia.

Please see Brief Summary of Prescribing Information on following pages.

Fycompa™ (perampanel) TABLETS 2•4•6•8•10•12 mg ORAL SUSPENSION 0.5 mg/mL

Fycompa™

(perampanel) TABLETS 2 • 4 • 6 • 8 • 10 • 12 mg ORAL SUSPENSION 0.5 mg/mL CIII

FYCOMPA® (perampanel) tablets, for oral use, CIII
FYCOMPA® (perampanel) oral suspension, CIII
Initial U.S. Approval: 2012

Brief Summary of Full Prescribing Information dated May 2019

WARNING: SERIOUS PSYCHIATRIC AND BEHAVIORAL REACTIONS

- **Serious or life-threatening psychiatric and behavioral adverse reactions including aggression, hostility, irritability, anger, and homicidal ideation and threats have been reported in patients taking FYCOMPA.**
- **These reactions occurred in patients with and without prior psychiatric history, prior aggressive behavior, or concomitant use of medications associated with hostility and aggression.**
- **Advise patients and caregivers to contact a healthcare provider immediately if any of these reactions or changes in mood, behavior, or personality that are not typical for the patient are observed while taking FYCOMPA or after discontinuing FYCOMPA.**
- **Closely monitor patients particularly during the titration period and at higher doses**
- **FYCOMPA should be reduced if these symptoms occur and should be discontinued immediately if symptoms are severe or are worsening.**

WARNINGS AND PRECAUTIONS

Serious Psychiatric and Behavioral Reactions In the controlled partial-onset seizure clinical trials, hostility- and aggression-related adverse reactions occurred in 12% and 20% of patients randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, compared to 6% of patients in the placebo group. These effects were dose-related and generally appeared within the first 6 weeks of treatment, although new events continued to be observed through more than 37 weeks. FYCOMPA-treated patients experienced more hostility- and aggression-related adverse reactions that were serious, severe, and led to dose reduction, interruption, and discontinuation more frequently than placebo-treated patients. In general, in placebo-controlled partial-onset seizure clinical trials, neuropsychiatric events were reported more frequently in patients being treated with FYCOMPA than in patients taking placebo. These events included irritability, aggression, anger, and anxiety, which occurred in 2% or greater of FYCOMPA-treated patients and twice as frequently as in placebo-treated patients. Other symptoms that occurred with FYCOMPA and were more common than with placebo included belligerence, affect lability, agitation, and physical assault. Some of these events were reported as serious and life-threatening. Homicidal ideation and/or threat were exhibited in 0.1% of 4,368 FYCOMPA-treated patients in controlled and open label trials, including non-epilepsy trials. Homicidal ideation and/or threat have also been reported postmarketing in patients treated with FYCOMPA. In the partial-onset seizure clinical trials, these events occurred in patients with and without prior psychiatric history, prior aggressive behavior, or concomitant use of medications associated with hostility and aggression. Some patients experienced worsening of their pre-existing psychiatric conditions. Patients with active psychotic disorders and unstable recurrent affective disorders were excluded from the clinical trials. The combination of alcohol and FYCOMPA significantly worsened mood and increased anger. Patients taking FYCOMPA should avoid the use of alcohol. Similar serious psychiatric and behavioral events were observed in the primary generalized tonic-clonic seizure clinical trial. In healthy volunteers taking FYCOMPA, observed psychiatric events included paranoia, euphoric mood, agitation, anger, mental status changes, and disorientation/confusional state. In the non-epilepsy trials, psychiatric events that occurred in perampanel-treated patients more often than placebo-treated patients included disorientation, delusion, and paranoia. Patients, their caregivers, and families should be informed that FYCOMPA may increase the risk of psychiatric events. Patients should be monitored during treatment and for at least 1 month after the last dose of FYCOMPA, and especially when taking higher doses and during the initial few weeks of drug therapy (titration period) or at other times of dose increases. Dose of FYCOMPA should be reduced if these symptoms occur. Permanently discontinue FYCOMPA for persistent severe or worsening psychiatric symptoms or behaviors and refer for psychiatric evaluation. **Suicidal Behavior and Ideation** Antiepileptic drugs (AEDs), including FYCOMPA, increase the risk of suicidal thoughts or behavior in patients taking these drugs for any indication. Patients treated with any AED for any indication should be monitored for the emergence or worsening of depression, suicidal thoughts or behavior, and/or any unusual changes in mood or behavior. Pooled analyses of 199 placebo-controlled clinical trials (mono- and adjunctive therapy) of 11 different AEDs showed that patients randomized to one of the AEDs had approximately twice the risk (adjusted Relative Risk 1.8, 95% CI: 1.2, 2.7) of suicidal thinking or behavior compared to patients randomized to placebo. In these trials, which had a median treatment duration of 12 weeks, the estimated incidence of suicidal behavior or ideation among 27,863 AED-treated patients was 0.43%, compared to 0.24% among 16,029 placebo-treated patients, representing an increase of approximately one case of suicidal thinking or behavior for every 530 patients treated. There were four suicides in drug-treated patients in the trials and none in placebo-treated patients, but the number is too small to allow any conclusion about drug effect on suicide. The increased risk of suicidal thoughts or behavior with AEDs was observed as early as 1 week after starting drug treatment with AEDs and persisted for the duration of treatment assessed. Because most trials included in the analysis did not extend beyond 24 weeks, the risk of suicidal thoughts or behavior beyond 24 weeks could not be assessed. The risk of suicidal thoughts or behavior was generally consistent among drugs in the data analyzed. The finding of increased risk with AEDs of varying mechanisms of action and across a range of indications suggests that the risk applies to all AEDs used for any indication. The risk did not vary substantially by age (5-100 years) in the clinical trials analyzed. Table 1 shows absolute and relative risk by indication for all evaluated AEDs.

Table 1. Risk by indication for antiepileptic drugs in the pooled analysis

Indication	Placebo Patients with Events per 1000 Patients	Drug Patients with Events per 1000 Patients	Relative Risk: Incidence of Events in Drug Patients/ Incidence in Placebo Patients	Risk Difference: Additional Drug Patients with Events per 1000 Patients
Epilepsy	1.0	3.4	3.5	2.4
Psychiatric	5.7	8.5	1.5	2.9
Other	1.0	1.8	1.9	0.9
Total	2.4	4.3	1.8	1.9

The relative risk for suicidal thoughts or behavior was higher in clinical trials for epilepsy than in clinical trials for psychiatric or other conditions, but the absolute risk differences were similar for the epilepsy and psychiatric indications. Anyone considering prescribing FYCOMPA or any other AED must balance the risk of suicidal thoughts or behavior with the risk of untreated illness. Epilepsy and many other illnesses for which AEDs are prescribed are themselves associated with morbidity and mortality and an increased risk of suicidal thoughts and behavior. Should suicidal thoughts and behavior emerge during treatment, the prescriber needs to consider whether the emergence of these symptoms in any given patient may be related to the illness being treated. **Neurologic Effects** Dizziness and Gait Disturbance FYCOMPA caused dose-related increases in events related to dizziness and disturbance in gait or coordination. In the controlled partial-onset seizure clinical trials, dizziness and vertigo were reported in 35% and 47% of patients randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, compared to 10% of placebo-treated patients. The gait disturbance related events (including ataxia, gait disturbance, balance disorder, and abnormal coordination) were reported in 12% and 16% of patients randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, compared to 2% of placebo-treated patients. Elderly patients had an increased risk of these adverse reactions compared to younger adults and pediatric patients. These adverse reactions occurred mostly during the titration phase and led to discontinuation in 3% of FYCOMPA-treated patients compared to 1% of placebo-treated patients. These adverse reactions were also observed in the primary generalized tonic-clonic seizure clinical trial. Somnolence and Fatigue FYCOMPA caused dose-dependent increases in somnolence and fatigue-related events (including fatigue, asthenia, and lethargy). In the controlled partial-onset seizure clinical trials, 16% and 18% of patients randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, reported somnolence compared to 7% of placebo patients. In the controlled partial-onset seizure clinical trials, 12% and 15% of patients randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, reported fatigue-related events compared to 5% of placebo patients. Somnolence or fatigue-related events led to discontinuation in 2% of FYCOMPA-treated patients and 0.5% of placebo-treated patients. Elderly patients had an increased risk of these adverse reactions compared to younger adults and pediatric patients. In the controlled partial-onset seizure clinical trials, these adverse reactions occurred mostly during the titration phase. These adverse reactions were also observed in the primary generalized tonic-clonic seizure clinical trial. Risk Amelioration Prescribers should advise patients against engaging in hazardous activities requiring mental alertness, such as operating motor vehicles or dangerous machinery, until the effect of FYCOMPA is known. Patients should be carefully observed for signs of central nervous system (CNS) depression, such as somnolence and sedation, when FYCOMPA is used with other drugs with sedative properties because of potential additive effects. **Falls** An increased risk of falls, in some cases leading to serious injuries including head injuries and bone fracture, occurred in patients being treated with FYCOMPA (with and without concurrent seizures). In the controlled partial-onset seizure clinical trials, falls were reported in 5% and 10% of patients randomized to receive FYCOMPA at doses of 8 mg and 12 mg per day, respectively, compared to 3% of placebo-treated patients. Falls were reported as serious and led to discontinuation more frequently in FYCOMPA-treated patients than placebo-treated patients. Elderly patients had an increased risk of falls compared to younger adults and pediatric patients. **Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS)/Multiorgan Hypersensitivity** Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS), also known as Multiorgan hypersensitivity, has been reported in patients taking antiepileptic drugs, including FYCOMPA. DRESS may be fatal or life-threatening. DRESS typically, although not exclusively, presents with fever, rash, lymphadenopathy, and/or facial swelling, in association with other organ system involvement, such as hepatitis, nephritis, hematological abnormalities, myocarditis, or myositis sometimes resembling an acute viral infection. Eosinophilia is often present. Because this disorder is variable in its expression, other organ systems not noted here may be involved. It is important to note that early manifestations of hypersensitivity, such as fever or lymphadenopathy, may be present even though rash is not evident. If such signs or symptoms are present, the patient should be evaluated immediately. FYCOMPA should be discontinued if an alternative etiology for the signs or symptoms cannot be established. **Withdrawal of Antiepileptic Drugs** There is the potential of increased seizure frequency in patients with seizure disorders when antiepileptic drugs are withdrawn abruptly. FYCOMPA has a half-life of approximately 105 hours so that even after abrupt cessation, blood levels fall gradually. In epilepsy clinical trials FYCOMPA was withdrawn without down-titration. Although a small number of patients exhibited seizures following discontinuation, the data were not sufficient to allow any recommendations regarding appropriate withdrawal regimens. A gradual withdrawal is generally recommended with antiepileptic drugs, but if withdrawal is a response to adverse events, prompt withdrawal can be considered.

ADVERSE REACTIONS

Clinical Trials Experience Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in clinical practice. Partial-Onset Seizures *Adult and Adolescent Patients (≥12 years)* A total of 1,038 patients receiving FYCOMPA (2, 4, 8, or 12 mg once daily) constituted the safety population in the pooled analysis of the placebo-controlled trials (Studies 1, 2, and 3) in patients with partial-onset seizures. Approximately 51% of patients were female, and the mean age was 35 years. *Adverse Reactions Leading to Discontinuation* In controlled clinical trials (Studies 1, 2, and 3), the rate of discontinuation as a result of an adverse reaction was 3%, 8%, and 19% in patients randomized to receive FYCOMPA at the recommended doses of 4 mg, 8 mg, and 12 mg per day, respectively, and 5% in patients randomized to receive placebo. The adverse reactions most commonly leading to discontinuation (≥1% in the 8 mg or 12 mg FYCOMPA group and greater than placebo) were dizziness, somnolence, vertigo, aggression, anger, ataxia, blurred vision, irritability, and dysarthria. *Most Common Adverse Reactions* Table 2 gives the incidence in the controlled clinical trials (Studies 1, 2, and 3) of the adverse reactions that occurred in ≥2% of patients with partial-onset seizures in the FYCOMPA 12 mg dose group and more frequent than placebo (in order of decreasing frequency for the 12 mg dose group). The most common dose-related adverse reactions in patients receiving FYCOMPA at doses of 8 mg or 12 mg (≥4% and occurring at least 1% higher than the placebo group) included dizziness (36%), somnolence (16%), fatigue (10%), irritability (9%), falls (7%), nausea (7%), ataxia (5%), balance disorder (4%), gait disturbance (4%), vertigo (4%), and weight gain (4%). For almost every adverse reaction, rates were higher on 12 mg and more often led to dose reduction or discontinuation.

Table 2. Adverse Reactions in Pooled Placebo-Controlled Trials in Adult and Adolescent Patients with Partial-Onset Seizures (Studies 1, 2, and 3) (Reactions ≥ 2% of Patients in Highest FYCOMPA Dose (12 mg) Group and More Frequent than Placebo)

	Placebo n=442 %	FYCOMPA		
		4 mg n=172 %	8 mg n=431 %	12 mg n=255 %
Dizziness	9	16	32	43
Somnolence	7	9	16	18
Headache	11	11	11	13
Irritability	3	4	7	12
Fatigue	5	8	8	12
Falls	3	2	5	10
Ataxia	0	1	3	8
Nausea	5	3	6	8
Vertigo	1	4	3	5
Back pain	2	2	2	5
Dysarthria	0	1	3	4
Anxiety	1	2	3	4
Blurred vision	1	1	3	4
Gait disturbance	1	1	4	4
Weight gain	1	4	4	4
Cough	3	1	1	4
Upper respiratory tract infection	3	3	3	4
Vomiting	3	2	3	4
Hypersomnia	0	1	2	3
Anger	<1	0	1	3
Aggression	1	1	2	3
Balance disorder	1	0	5	3
Diplopia	1	1	1	3
Head injury	1	1	1	3
Hypoaesthesia	1	0	0	3
Pain in extremity	1	0	2	3
Constipation	2	2	2	3
Myalgia	2	1	1	3
Coordination abnormal	0	1	<1	2
Euphoric mood	0	0	<1	2

Table 2. Adverse Reactions in Pooled Placebo-Controlled Trials in Adult and Adolescent Patients with Partial-Onset Seizures (Studies 1, 2, and 3) (Reactions ≥ 2% of Patients in Highest FYCOMPA Dose (12 mg) Group and More Frequent than Placebo) (cont.)

Confusional state	<1	1	1	2
Hyponatremia	<1	0	0	2
Limb injury	<1	1	1	2
Mood altered	<1	1	<1	2
Arthralgia	1	0	3	2
Asthenia	1	1	2	2
Contusion	1	0	2	2
Memory impairment	1	0	1	2
Musculoskeletal pain	1	1	1	2
Oropharyngeal pain	1	2	2	2
Paraesthesia	1	0	1	2
Peripheral edema	1	1	1	2
Skin laceration	1	0	2	2

Pediatric Patients (4 to <12 years) In two studies in pediatric patients 4 to <12 years with epilepsy, a total of 225 patients received FYCOMPA, with 110 patients exposed for at least 6 months, and 21 patients for at least 1 year. Adverse reactions in pediatric patients 4 to <12 years were similar to those seen in patients ≥12 years

Primary Generalized Tonic-Clonic Seizures A total of 81 patients receiving FYCOMPA 8 mg once daily constituted the safety population in the placebo-controlled trial in patients with primary generalized tonic-clonic seizures (Study 4). Approximately 57% of patients were female, and the mean age was 27 years. In the controlled primary generalized tonic-clonic seizure clinical trial (Study 4), the adverse reaction profile was similar to that noted for the controlled partial-onset seizure clinical trials (Studies 1, 2, and 3). Table 3 gives the incidence of adverse reactions in patients receiving FYCOMPA 8 mg (≥4% and higher than in the placebo group) in Study 4. The most common adverse reactions in patients receiving FYCOMPA (≥10% and greater than placebo) were dizziness (32%), fatigue (15%), headache (12%), somnolence (11%), and irritability (11%). The adverse reactions most commonly leading to discontinuation in patients receiving FYCOMPA 8 mg (≥2% and greater than placebo) were vomiting (2%) and dizziness (2%).

Table 3. Adverse Reactions in a Placebo-Controlled Trial in Patients with Primary Generalized Tonic-Clonic Seizures (Study 4) (Reactions ≥ 4% of Patients in FYCOMPA Group and More Frequent than Placebo)

	Placebo n=82 %	FYCOMPA 8 mg n=81 %
Dizziness	6	32
Fatigue	6	15
Headache	10	12
Somnolence	4	11
Irritability	2	11
Vertigo	2	9
Vomiting	2	9
Weight gain	4	7
Contusion	4	6
Nausea	5	6
Abdominal pain	1	5
Anxiety	4	5
Urinary tract infection	1	4
Ligament sprain	0	4
Balance disorder	1	4
Rash	1	4

Weight Gain Weight gain has occurred with FYCOMPA. In controlled partial-onset seizure clinical trials, FYCOMPA-treated adults gained an average of 1.1 kg (2.5 lbs) compared to an average of 0.3 kg (0.7 lbs) in placebo-treated adults with a median exposure of 19 weeks. The percentages of adults who gained at least 7% and 15% of their baseline body weight in FYCOMPA-treated patients were 9.1% and 0.9%, respectively, as compared to 4.5% and 0.2% of placebo-treated patients, respectively. Clinical monitoring of weight is recommended. Similar increases in weight were also observed in adult and adolescent patients treated with FYCOMPA in the primary generalized tonic-clonic seizure clinical trial. Elevated triglycerides Increases in triglycerides have occurred with FYCOMPA use. Comparison of Sex and Race No significant sex differences were noted in the incidence of adverse reactions. Although there were few non-Caucasian patients, no differences in the incidence of adverse reactions compared to Caucasian patients were observed. **Postmarketing Experience** The following adverse reactions have been identified during post approval use of FYCOMPA. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure. Dermatologic: Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS). Psychiatric: Acute psychosis, hallucinations, delusions, paranoia, delirium, confusional state, disorientation, memory impairment.

DRUG INTERACTIONS

Contraceptives With concomitant use, FYCOMPA at a dose of 12 mg per day reduced levonorgestrel exposure by approximately 40%. Use of FYCOMPA with contraceptives containing levonorgestrel may render them less effective. Additional non-hormonal forms of contraception are recommended. **Moderate and Strong CYP3A4 Inducers** The concomitant use of known moderate and strong CYP3A4 inducers including carbamazepine, phenytoin, or oxcarbazepine with FYCOMPA decreased the plasma levels of perampanel by approximately 50-67%. The starting doses for FYCOMPA should be increased in the presence of moderate or strong CYP3A4 inducers. When these moderate or strong CYP3A4 inducers are introduced or withdrawn from a patient's treatment regimen, the patient should be closely monitored for clinical response and tolerability. Dose adjustment of FYCOMPA may be necessary. **Alcohol and Other CNS Depressants** The concomitant use of FYCOMPA and CNS depressants including alcohol may increase CNS depression. A pharmacodynamic interaction study in healthy subjects found that the effects of FYCOMPA on complex tasks such as driving ability were additive or supra-additive to the impairment effects of alcohol. Multiple dosing of FYCOMPA 12 mg per day also enhanced the effects of alcohol to interfere with vigilance and alertness, and increased levels of anger, confusion, and depression. These effects may also be seen when FYCOMPA is used in combination with other CNS depressants. Care should be taken when administering FYCOMPA with these agents. Patients should limit activity until they have experience with concomitant use of CNS depressants (e.g., benzodiazepines, narcotics, barbiturates, sedating antihistamines). Advise patients not to drive or operate machinery until they have gained sufficient experience on FYCOMPA to gauge whether it adversely affects these activities.

USE IN SPECIFIC POPULATIONS

Pregnancy Pregnancy Exposure Registry There is a pregnancy exposure registry that monitors pregnancy outcomes in women exposed to antiepileptic drugs (AEDs), such as FYCOMPA, during pregnancy. Encourage women who are taking FYCOMPA during pregnancy to enroll in the North American Antiepileptic Drug (NAAED) Pregnancy Registry by calling 1-888-233-2334 or visiting http://www.aedpregnancyregistry.org. Risk summary There are no adequate data on the developmental risk associated with use in pregnant women. In animal studies, perampanel induced developmental toxicity in pregnant rat and rabbit at clinically relevant doses. In the U.S. general population the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2-4% and 15-20%, respectively. The background risk of major birth defects and miscarriage for the indicated population is unknown. *Animal Data* Oral administration of perampanel (1, 3, or 10 mg/kg/day) to pregnant rats throughout organogenesis resulted in an increase in visceral abnormalities (diverticulum of the intestine) at all doses tested; maternal toxicity was observed at the mid and high doses. In a dose-ranging study at higher oral doses (10, 30, or 60 mg/kg/day), embryo lethality and reduced fetal body weight were observed at the mid and high doses tested.The lowes tdose tested (1mg/kg/day) is similar to a human dose of 8 mg/day based on body surface area (mg/m^2). Upon oral administration of perampanel (1, 3, or 10 mg/kg/day) to pregnant rabbits throughout organogenesis, embryo lethality and maternal toxicity were observed at the mid and high doses tested; the no-effect dose for embryo-fetal developmental toxicity in rabbit (1mg/kg/day) is approximately 2 times a human dose of 8mg/day based on body surface area (mg/m^2). Oral administration of perampanel (1, 3, or 10 mg/kg/day) to rats throughout gestation and lactation resulted in fetal and pup deaths at the mid and high doses (associated with maternal toxicity) and delayed sexual maturation in males and females at the highest dose tested. No effects were observed on measures of neurobehavioral or reproductive function in the offspring. The no-effect dose for pre- and postnatal developmental toxicity in rat (1 mg/kg/day) is similar to a human dose of 8 mg per day based on body surface area (mg/m^2). **Lactation** Risk summary There are no data on the presence of perampanel in human milk, the effects on the breastfed child, or the effects of the drug on milk production. Perampanel and/or its metabolites are excreted in rat milk, and are detected at concentrations higher than that in maternal plasma. The developmental and health benefits of breastfeeding should be considered along with the mother's clinical need for FYCOMPA and any potential adverse effects on the breastfed child from FYCOMPA or from the underlying maternal condition. **Females and Males of Reproductive Potential** Contraception Use of FYCOMPA may reduce the efficacy of hormonal contraceptives containing levonorgestrel. Advise women taking FYCOMPA who are using a levonorgestrel-containing contraceptive to use an additional non-hormonal form of contraception while using FYCOMPA and for a month after discontinuation. **Pediatric Use** Safety and effectiveness of FYCOMPA for the treatment of partial-onset seizures have been established in pediatric patients ≥4 years. The safety and effectiveness of FYCOMPA in patients ≥12 years was established by three randomized double-blind, placebo-controlled, multicenter studies, which included 72 pediatric patients between 12 and 16 years exposed to FYCOMPA. Use of FYCOMPA for the treatment of partial-onset seizures in pediatric patients 4 to <12 years is supported by evidence from adequate and well-controlled studies of FYCOMPA in patients aged ≥12 years with partial onset seizures, pharmacokinetic data from adult and pediatric patients, and safety data in 225 pediatric patients 4 to <12 years treated with FYCOMPA. The safety and efficacy of FYCOMPA for the adjunctive therapy of primary generalized tonic-clonic seizures in pediatric patients ≥12 years was established in a single randomized double-blind, placebo-controlled, multicenter trial (n=164), which included 11 pediatric patients 12 to 16 years exposed to FYCOMPA; an additional 6 patients were treated with FYCOMPA in the open label extension of the study. The safety and effectiveness of FYCOMPA for the treatment of partial-onset seizures in pediatric patients <4 years or for the treatment of primary generalized tonic-clonic seizures in pediatric patients <12 years have not been established. Juvenile Animal Data Oral administration of perampanel (1, 3, 3/10/30 mg/kg/day; high dose increased on postnatal days [PND] 28 and 56) to young rats for 12 weeks starting on PND 7 resulted in reduced body weight, reduced growth, neurobehavioral impairment (water maze performance and auditory startle habituation) at the mid and high doses, and delayed sexual maturation at the high doses. CNS signs (reduced activity, incoordination, excessive grooming/scratching), pup death, decreased hindlimb splay, and decreased hindlimb grip strength were observed at all doses. Effects on pup body weight, pup growth, hindlimb splay, impairment in the water maze performance, and auditory startle persisted after dosing was stopped. A no-effect dose for postnatal developmental toxicity was not identified in this study. Oral administration of perampanel (1, 5,5/10 mg/kg/day; high dose increased on PND 56) to juvenile dogs for 33 weeks, starting on PND 42, resulted in CNS signs (incoordination, excessive grooming/licking/scratching, spatial disorientation, and/or ataxic gait) at all doses tested. **Geriatric Use** Clinical studies of FYCOMPA did not include sufficient numbers of patients aged 65 and over to determine the safety and efficacy of FYCOMPA in the elderly population. Because of increased likelihood for adverse reactions in the elderly, dosing titration should proceed slowly in patients aged 65 years and older. **Hepatic Impairment** Use of FYCOMPA in patients with severe hepatic impairment is not recommended, and dosage adjustments are recommended in patients with mild or moderate hepatic impairment. **Renal Impairment** Dose adjustment is not required in patients with mild renal impairment. FYCOMPA should be used with caution in patients with moderate renal impairment, and slower titration may be considered. Use in patients with severe renal impairment or patients undergoing hemodialysis is not recommended.

DRUG ABUSE AND DEPENDENCE

Controlled Substance FYCOMPA contains perampanel and is listed as a Schedule III controlled substance. **Abuse** Prescription drug abuse is the intentional non-therapeutic use of a drug, even once, for its rewarding psychological or physiological effects. Drug addiction, which develops after repeated drug abuse, is characterized by a strong desire to take a drug despite harmful consequences, difficulty in controlling its use, giving a higher priority to drug use than to obligations, increased tolerance, and sometimes physical withdrawal. Drug abuse and drug addiction are separate and distinct from physical dependence (for example, abuse may not be accompanied by physical dependence). Studies of human abuse potential were performed to evaluate the abuse potential of FYCOMPA (8 mg, 24 mg, and 36 mg) as compared to alprazolam C-IV (1.5 mg and 3 mg), and oral ketamine C-III (100 mg) in recreational polydrug users. Supra-therapeutic doses of FYCOMPA 24 and 36 mg produced responses for "Euphoria" that were similar to ketamine 100 mg and alprazolam 3 mg. For "High," FYCOMPA 24 mg and 36 mg produced responses comparable to ketamine 100 mg and significantly higher than both doses of alprazolam on a visual analog scale (VAS). "Drug Liking," "Overall Drug Liking," and "Take Drug Again" for FYCOMPA were each statistically lower than ketamine 100 mg. In addition, for "Bad Drug Effects," FYCOMPA 24 mg and 36 mg produced responses significantly higher than ketamine 100 mg. For "Sedation," FYCOMPA 24 and 36 mg produced responses similar to alprazolam 3 mg and higher than ketamine 100 mg. Additionally, on VAS measures related to dissociative phenomena such as "Floating," "Spaced Out," and "Detached," FYCOMPA at supra-therapeutic doses produced responses similar to ketamine 100 mg and greater than both doses of alprazolam tested. Of note, due to somnolence a number of subjects had missing data around T_{max} of FYCOMPA. The above described data might represent an underestimate of FYCOMPA's effects. The duration of effects of higher doses of FYCOMPA on the majority of measures was much greater than alprazolam 3 mg and ketamine 100 mg. In this study, the incidence of euphoria following FYCOMPA administration 8 mg, 24 mg, and 36 mg was 37%, 46%, 46%, respectively, which was higher than alprazolam 3 mg (13%) but lower than ketamine 100 mg (89%). **Dependence** Physical dependence is characterized by withdrawal symptoms after abrupt discontinuation or a significant dose reduction of a drug. A nonclinical dependence study in rats demonstrated withdrawal symptoms, including hyperreactivity to handling, muscle rigidity, and decreases in food consumption and body weights. FYCOMPA may cause dependence and withdrawal symptoms that may include anxiety, nervousness, irritability, fatigue, lethargy, asthenia, mood swings, and insomnia.

OVERDOSAGE

The highest reported overdose of FYCOMPA was 300 mg. Events reported after FYCOMPA overdose include somnolence, stupor, coma, psychiatric or behavioral reactions, altered mental status, and dizziness or gait disturbances. There is no available specific antidote to the overdose reactions of FYCOMPA. In the event of overdose, standard medical practice for the management of any overdose should be used. An adequate airway, oxygenation, and ventilation should be ensured; monitoring of cardiac rhythm and vital sign measurement is recommended. A certified poison control center should be contacted for updated information on the management of overdose with FYCOMPA. Due to its long half-life, the reactions caused by FYCOMPA could be prolonged.

The Next Generation has Arrived

More than 225 residents and fellows and another 50 medical students will be among the 1200 attendees in Charlotte for the 48th Annual CNS Meeting. Included in these numbers are more than 40 young researchers participating in the NIH-supported Child Neurologist Career Development Program retreat, and the 80 PGY5 residents enrolled in the 4th Annual John. M. "Jack" Pellock Resident Seminar on Epilepsy scheduled on the front end of the meeting. Pictured below are the four Outstanding Junior Member awardees, the Outstanding Junior Member Post-Graduate awardee, the AAP Neurology Section Travel Awardee, the M. Richard Koenigsberger Scholarship recipient and this year's two Bernard D'Souza International Fellowship Awardees, Dr. Nicolás Garófalo Gómez, from Havana, Cuba, and Dr. Jitendra Kumar Sahu from Chandigarh, India.

Review hours for engaging these and other young child neurologists in conversation about their research is scheduled on Thursday (12:30 pm – 2:00 pm and 4:30 pm – 6:00 pm) and Friday (7:00 pm – 8:15 am). Posters are also viewable through the meeting app before, during and after the annual meeting. This year's meeting will reprise the highly successful Guided Poster Tours and "Best of Show" sessions introduced last year in Chicago.

*Special thanks to **Greenwich Biosciences** for providing an unrestricted grant in support of the "Child Neuro News Forum/Guided Poster Tours" and to **bluebirdbio** for their unrestricted educational grant in support of the "Next Gen Neurologists" program offsetting registration expenses for residents presenting their work and all CNS Junior Members in their PGY5 training year.*

CNS Bhuwan Garg High School Neuroscience Award

Shan Lateef

CNS Outstanding Junior Member Award (Post-Graduate)

Giulia Benedetti, MD; Seattle Children's Hospital

Bernard D'Souza International Fellowship Award

Nicolás Garófalo Gómez, MD, PhD; Havana, Cuba

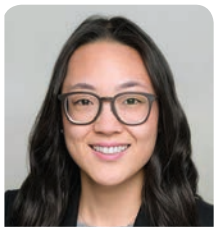
Jitendra Kumar Sahu, MD, DM; Chandigarh, India

CNS Outstanding Junior Member Awards

Lauren Chamberlain, DO; Duke University Medical Center

Youssef Ayoub Kousa, MS, DO, PhD; Children's National Health System

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



Aram Kim, MD; Children's Hospital of Pittsburgh

AAP Section on Neurology Trainee Travel Award

Elizabeth Record, MD; Children's National Health System

M. Richard Koenigsberger Scholarship

David Ritter, MD; Cincinnati Children's Hospital Medical Center

Child Neurology Foundation Awards

PERF Elterman Research Grant: Isaac Marin-Valencia, MD; Rockefeller University

PERF Shields Research Grant: Alexander Cohen, MD, PhD; Boston Children's Hospital

Neurodevelopmental Disabilities Summer Research Scholarship: Emily Isenstein

All meetings/sessions at The Charlotte Convention Center (CCC)

Sunday, October 20, 2019

START	END	MEETING/SESSION	ROOM ASSIGNED
1:00 PM	6:00 PM	CNCDP-K12 Retreat	Westin

Monday, October 21, 2019

START	END	MEETING/SESSION	ROOM ASSIGNED
7:00 AM	5:30 PM	CNCDP-K12 Retreat	Westin

Tuesday, October 22, 2019

START	END	MEETING/SESSION	ROOM ASSIGNED
7:00 AM	3:00 PM	CNCDP-K12 Retreat	Westin
8:00 AM	4:30 PM	CNS Executive Committee Meeting	212A
2:00 PM	7:00 PM	CNS Registration	Concourse C
2:00 PM	7:00 PM	Poster Drop-Off/Pick-Up	Concourse C
2:00 PM	7:00 PM	Speaker Ready	214
3:00 PM	5:00 PM	ACNN BOD Meeting	216A
6:00 PM	8:00 PM	ACNN Reception	206
6:00 PM	10:00 PM	NDC Meet & Greet Reception	215
6:00 PM	8:00 PM	Pellock Seminar Reception & Dinner	209AB & 210AB
6:30 PM	9:30 PM	International Pediatric Stroke IPSS Leadership Comm Mtg	211B

Wednesday, October 23, 2019

START	END	MEETING/SESSION	ROOM ASSIGNED
6:00 AM	6:00 PM	CNS Registration	Concourse C
6:00 AM	6:00 PM	Poster Drop-Off/Pick-Up	Concourse C
6:00 AM	7:30 PM	Speaker Ready	214
6:45 AM	7:30 AM	Symposium I: NDC Continental Breakfast	Prefunction Space
7:00 AM	6:00 PM	Podcast/Videocast Room #1	219A
7:00 AM	6:00 PM	Podcast/Videocast Room #2	219B
7:00 AM	6:00 PM	Press Room	216B
7:45 AM	5:00 PM	Symposium I: Neurobiology of Disease in Children (NDC): Childhood Tumors	213

SESSIONS highlighted in maroon are offered for CME credit as part of the CNS Scientific Program. Satellite sessions are accredited through independent CME providers, not the CNS.

EXHIBITS & POSTER REVIEW

EXHIBIT HALL

WEDNESDAY
6:00 PM-7:30 PM
Welcome Reception
Supported by Atrium Health Levine Children's

THURSDAY
11:00 AM - 6:00 PM

Lunch served
12:45 PM-2:00 PM
Guided Poster Tour #1

Wine & Cheese Reception
4:00 PM – 5:30 PM
Guided Poster Tour #2

FRIDAY
7:00 AM-10:30 AM
Breakfast served
7:00 AM-8:15 AM
Guided Poster Tour #3

Schedule at a Glance

Thursday Breakfast Seminars supported by an unrestricted grant from Greenwich Biosciences

START	END	MEETING/SESSION	ROOM ASSIGNED
8:00 AM	5:00 PM	International Pediatric Stroke IPSS Investigator Meeting	206AB
8:00 AM	5:00 PM	Pellock Seminar - General Session	207AB
8:00 AM	1:00 PM	Program Coordinators of Child Neurology	215
8:30 AM	4:00 PM	ACNN Meeting	208
12:00 PM	1:30 PM	CNF BOD Meeting	205
12:00 PM	1:30 PM	PCN Board Meeting	211B
12:45 PM	1:45 PM	Symposium I: NDC Lunch	217
2:00 PM	5:00 PM	PCN Member Meeting	203A
3:00 PM	6:00 PM	CNF CAB Meeting	203B
6:00 PM	7:30 PM	Opening/Welcome Reception	Exhibit Hall C1 & C2
7:00 PM	10:00 PM	AAP Section of Neurology Executive Committee	211B
7:45 PM	9:30 PM	CNS Legacy Reception	Richardson Ballroom AB
8:00 PM	10:00 PM	Movement Disorders SIG	213

Thursday, October 24, 2019

START	END	MEETING/SESSION	ROOM ASSIGNED
6:00 AM	6:00 PM	CNS Registration	Concourse C
6:00 AM	6:00 PM	Speaker Ready	214
6:15 AM	7:00 AM	Continental Breakfast	Prefunction Space
7:00 AM	8:15 AM	Breakfast Seminar 1: Cannabidiol: Ethics	Richardson Ballroom CD
7:00 AM	8:15 AM	Breakfast Seminar 2: Autism	213ABCD
7:00 AM	8:15 AM	Breakfast Seminar 3: Brain Injury	217ABCD
7:00 AM	8:30 AM	NDC Young Investigator Data Blitz Breakfast/Meeting	209AB
7:00 AM	6:00 PM	Podcast/Videocast Room #1	219A
7:00 AM	6:00 PM	Podcast/Videocast Room #2	219B
7:00 AM	6:00 PM	Poster Drop-Off/Pick-Up	Concourse C
7:00 AM	6:00 PM	Press Room	216B
8:15 AM	8:45 AM	CNS AM Break	Prefunction Space
8:30 AM	3:00 PM	Program Coordinators of Child Neurology	215
8:45 AM	9:00 AM	CNS AWARDS	Richardson Ballroom ABCD
9:00 AM	2:00 PM	ACNN Meeting	208
9:00 AM	11:45 AM	Symposium 2 Presidential Symposium: Genetic Heterogeneity & Phenotypic Pleiotropy in the NextGen Sequencing Era	Richardson Ballroom ABCD
11:30 AM	6:00 PM	Exhibits & Poster Review	Exhibit Hall C1 & C2
12:00 PM	12:45 PM	Meet the Expert Epilepsy (with 30 minute SIG mtg to follow)	213
12:00 PM	12:45 PM	Meet the Expert TBI (with 30 minute SIG mtg to follow)	217
12:30 PM	3:00 PM	CNS Executive Committee Committee	212A
12:30 PM	2:00 PM	Electronic Communication Committee	201B
12:30 PM	2:00 PM	Ethics Committee	202A

START	END	MEETING/SESSION	ROOM ASSIGNED
12:30 PM	2:00 PM	Legislative Affairs Committee	202B
12:30 PM	2:00 PM	Membership Committee	209A
12:30 PM	2:00 PM	MOC Committee	209B
12:30 PM	2:00 PM	Practice Committee	210A
12:30 PM	2:00 PM	Research Committee	210B
12:45 PM	2:00 PM	Lunch (with Exhibits & 1 Guided Poster Session)	Exhibit Hall C1 & C2
2:00 PM	4:00 PM	Symposium 3: Infantile Spasms	Richardson Ballroom ABCD
4:00 PM	5:30 PM	Child Neuro News Break Poster Review (Wine & Cheese Reception) with 1 Guided Poster Session	Exhibit Hall C1 & C2
4:15 PM	5:30 PM	Awards Committee	201A
4:15 PM	5:30 PM	International Affairs Committee	206AB
4:30 PM	5:30 PM	Satellite Seminar #1 (Development & Epileptic Encephalopathies)	203A
4:30 PM	5:30 PM	Satellite Seminar #2 (Gaucher & Pompe Disease)	203B
5:30 PM	6:30 PM	International Affairs SIG	206AB
6:00 PM	7:00 PM	Satellite Seminar #3: Cerebral Palsy Mimics	208

SESSIONS highlighted in maroon are offered for CME credit as part of the CNS Scientific Program. Satellite sessions are accredited through independent CME providers, not the CNS.

Friday, October 25, 2019

START	END	MEETING/SESSION	ROOM ASSIGNED
6:30 AM	7:00 PM	CNS Registration	Concourse C
6:30 AM	5:00 PM	Speaker Ready	214
7:00 AM	8:15 AM	Arnold P Gold Humanism Breakfast	209AB & 210AB
7:00 AM	8:15 AM	Continental Breakfast (with 1 Guided Poster Session)	Exhibit Hall
7:00 AM	10:30 AM	Exhibits & Poster Review	Exhibit Hall C1 & C2
7:00 AM	6:00 PM	Podcast/Videocast Room #1	219A
7:00 AM	6:00 PM	Podcast/Videocast Room #2	219B
7:00 AM	6:00 PM	Press Room	216B
8:30 AM	10:15 AM	Archives/History Committee	212A
8:30 AM	10:15 AM	Platform Session I	207ABCD
8:30 AM	10:15 AM	Platform Session II	213ABCD
8:30 AM	10:15 AM	Platform Session III	217ABCD
8:45 AM	5:30 PM	Program Coordinators of Child Neurology	215
9:00 AM	2:00 PM	ACNN Meeting	208
10:45 AM	11:00 AM	Awards Presentation (Outstanding Junior Members, AAP, Koenigsberger, Neuroscience and CNF)	Richardson Ballroom ABCD
11:00 AM	11:30 AM	Awards Presentation – Dodge Award Lecture	Richardson Ballroom ABCD
11:30 AM	12:15 PM	Awards Presentation – Sachs Award Lecture	Richardson Ballroom ABCD
12:30 PM	1:45 PM	Best of Show	207ABCD
12:30 PM	1:45 PM	CNS Lunch	
12:30 PM	1:45 PM	Demyelinating SIG	202B

EXHIBITS & POSTER REVIEW

EXHIBIT HALL

WEDNESDAY
6:00 PM-7:30 PM
Welcome Reception
Supported by Atrium Health Levine Children's

THURSDAY
11:00 AM - 6:00 PM

Lunch served
12:45 PM-2:00 PM
Guided Poster Tour #1

Wine & Cheese Reception
4:00 PM – 5:30 PM
Guided Poster Tour #2

FRIDAY
7:00 AM-10:30 AM
Breakfast served
7:00 AM-8:15 AM
Guided Poster Tour #3

Schedule at a Glance

SESSIONS highlighted in maroon are offered for CME credit as part of the CNS Scientific Program. Satellite sessions are accredited through independent CME providers, not the CNS.

START	END	MEETING/SESSION	ROOM ASSIGNED
12:30 PM	2:00 PM	Executive Board Meeting	212A
12:30 PM	1:45 PM	Headache SIG	213
12:30 PM	2:00 PM	IACQUIRE Trail Group	201B
12:30 PM	1:45 PM	Neuro-Oncology SIG	201A
12:30 PM	1:45 PM	Neurocritical Care SIG	206AB
12:30 PM	1:45 PM	Neonatal SIG	209/210
12:30 PM	1:45 PM	Cerebral Palsy SIG	205
12:30 PM	1:45 PM	Satellite Seminar #4 (Hyperammonemia)	203A
12:45 PM	1:45 PM	Telemedicine SIG	202A
2:15 PM	4:15 PM	Symposium 4: Peds Neuro Infections	Richardson Ballroom ABCD
4:00 PM	6:00 PM	Poster Pick-Up	Concourse C
4:30 PM	5:00 PM	CNS Business Meeting	Richardson Ballroom ABCD
4:30 PM	5:30 PM	Education SIG	208
4:30 PM	5:15 PM	Junior Member Seminar 1: Finding a Residency	209AB
4:30 PM	5:15 PM	Junior Member Seminar 2: Finding a Job	207
4:30 PM	5:15 PM	Junior Member Seminar 3: Finding a Fellowship	210
4:30 PM	5:45 PM	Neurodevelopmental and Neurogenetics SIG	213AB
5:30 PM	6:15 PM	Meet the Editors	207
6:00 PM	6:45 PM	Scientific Program Committee	201A
7:00 PM	9:00 PM	Closing Reception	Ballroom Terrace

Saturday, October 26, 2019

START	END	MEETING/SESSION	ROOM ASSIGNED
6:30 AM	1:00 PM	CNS Registration	Concourse C
6:30 AM	12:00 PM	Speaker Ready	214
7:00 AM	8:15 AM	Breakfast Seminar 4: Metabolic Disorders	213
7:00 AM	8:15 AM	Breakfast Seminar 5: NF1	207
7:00 AM	8:15 AM	Breakfast Seminar 6: Demyelinating Disease	217ABCD
7:00 AM	7:30 AM	Continental Breakfast	Prefunction Space
7:00 AM	12:00 PM	Podcast/Videocast Room #1	219A
7:00 AM	12:00 PM	Podcast/Videocast Room #2	219B
7:00 AM	10:00 AM	Poster Pick-Up	Concourse C
7:00 AM	12:00 PM	Press Room	216B
8:45 AM	9:00 AM	Break	Prefunction Space
8:45 AM	9:45 AM	Hower Award Lecture	Richardson Ballroom ABCD
10:00 AM	12:00 PM	Symposium 5: Fetal Neurology	Richardson Ballroom ABCD
1:00 PM	4:30 PM	CNF Symposium 6: Mgmt of Disruptive Behavior	208AB
1:00 PM	5:00 PM	Biomedical Writing Workshop	215

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EXHIBIT HALL HOURS

Wednesday, October 23
6:00 PM – 7:30 PM

Thursday, October 24
11:30 AM – 6:00 PM

Friday, October 25
7:00 AM – 10:30 AM

*Hypothetical patient.

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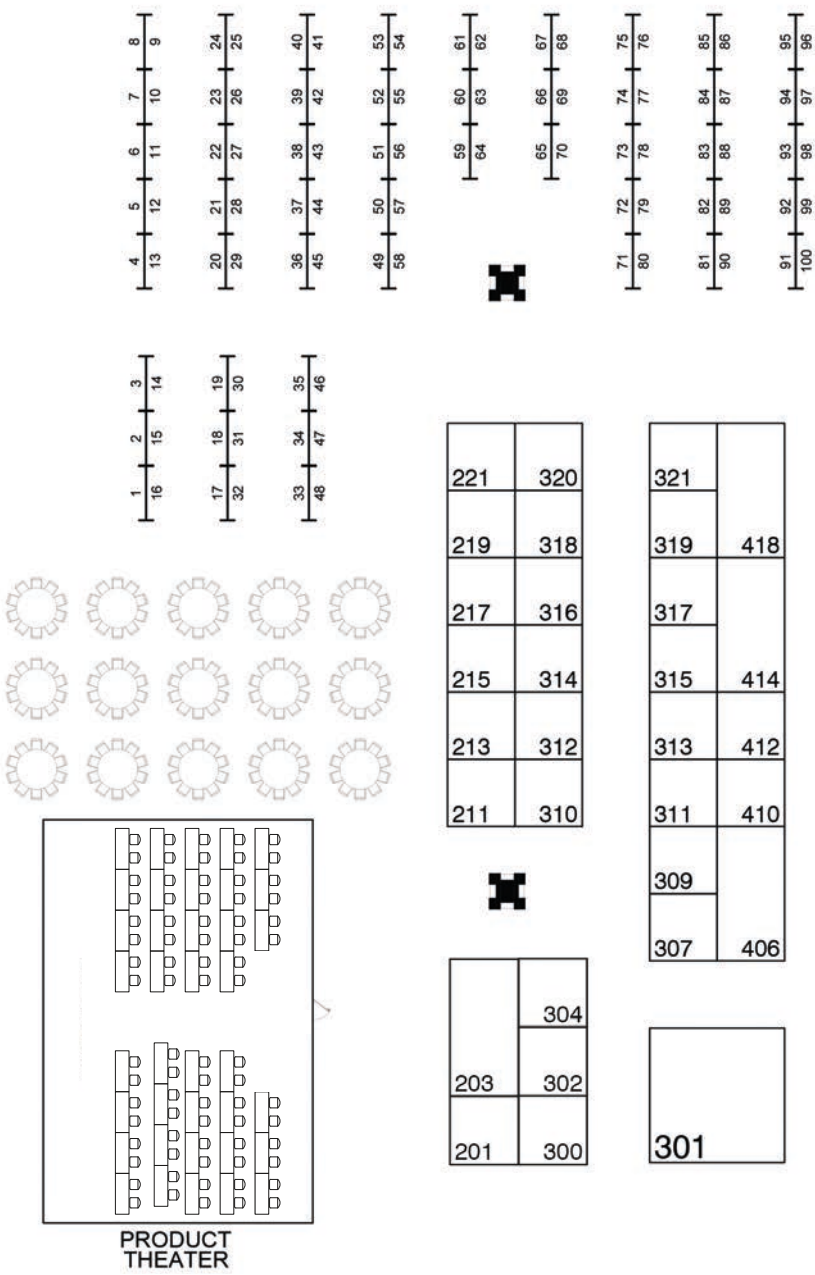
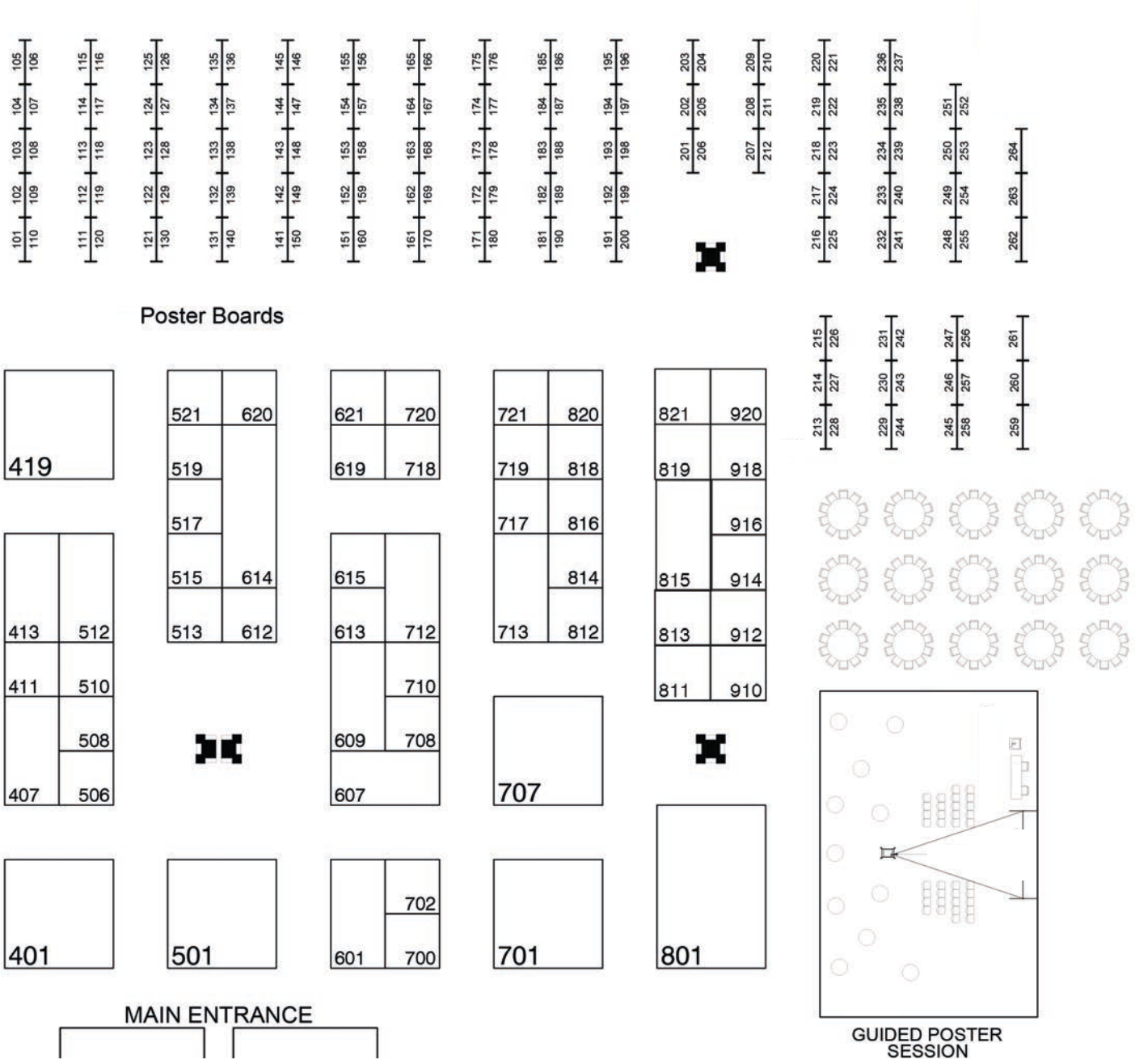
Exhibits and Posters

The Charlotte Convention Center

Booth #	Exhibiting Company Name
614	Allergan, Inc.
411	American Board of Psychiatry & Neurology
820, 821	Aquestive Therapeutics
521	Association of Child Neurology Nurses (ACNN)
302	Association for Creatine Deficiencies
607	Atrium Health Levine Children's
816	Audentes Therapeutics
501, 601	AveXis
221	Barrow Neurological Institute at Phoenix Children's Hospital
916	Batten Disease Support and Research Association
307, 613	Biocodex
203	Biogen
712, 713	BioMarin Pharmaceutical Inc.
615	bluebird bio
217	Carilion Clinic
315	Catabasis Pharmaceuticals, Inc.
211	Charleston Area Medical Center
314	Children's Healthcare of Atlanta
310	Children's Hospital Los Angeles
304	Children's Hospital & Medical Center Omaha, NE
620	Children's National Hospital
818	Cyclic Vomiting Syndrome Association
717	Dravet Syndrome Foundation
301	Eisai, Inc.
811	Elsevier, Inc.
312	Fulgent Genetics
201	GeneDx, Inc.
401	Genentech
801	Greenwich Biosciences
918	Greenwood Genetic Center
320	Hackensack Meridian Health
912	Hannahtopia Foundation
300	Invitae
407	Ipsen Biopharmaceuticals, Inc
519	Joe DiMaggio Children's Hospital
719	Kennedy Krieger Institute
410	Le Bonheur Children's Hospital Neuroscience Institute
813	Mayo Clinic Laboratories
515	MNG Laboratories
313	Monroe Carell Jr. Children's Hospital at Vanderbilt
316	National Coordinating Center for Epilepsy
317	National Organization for Disorders of the Corpus Callosum
700	Nationwide Children's Hospital
418	Neurelis, Inc.
311	Neurogene Inc.
702	Neurology Reviews



Booth #	Exhibiting Company Name
412	Novartis Oncology
815	Orchard Therapeutics
318	Origin Biosciences
920	Orphazyme
812	Ovid Therapeutics
517	Parent Project Muscular Dystrophy/Decode Duchenne
710	Pediatric Search Partners
814	Penn State Children's Hospital
319	PerkinElmer Genomics
708	PreventionGenetics
219	Provider Solutions & Development



Booth #	Exhibiting Company Name
513, 609, 612	PTC Therapeutics
506	Recordati Rare Diseases Inc.
910	REMfresh
419	Retrophin
508	RosmanSearch, Inc.
819	Sanford Health
510	Sanofi Genzyme
701	Sarepta Therapeutics
621	SimulConsult
512	Sunovion Pharmaceuticals, Inc.
707	Supernus Pharmaceuticals, Inc.
321	Texas Children's Hospital

Booth #	Exhibiting Company Name
914	Tourette Association of America
309	Tris Pharma, Inc.
720, 721	UCB, Inc.
718	United Mitochondrial Disease Foundation (UMDF)
215	University of Maryland Children's Hospital
414	Upsher-Smith Laboratories, LLC
213	UT Health Austin Pediatric Neurosciences at Dell Children's
619	Variantyx
413	VNS Therapy by LivaNova
406	Zogenix, Inc.

Allergan, Inc. (#614)

Allergan plc (NYSE: AGN), is a bold, global pharmaceutical company focused on developing, manufacturing and commercializing branded pharmaceuticals, devices and biologic products for patients around the world. For more information, visit Allergan's website at www.Allergan.com.

American Board of Psychiatry & Neurology (#411)

The American Board of Psychiatry and Neurology serves the public interest and the professions of psychiatry and neurology by promoting excellence in practice through its certification and maintenance of certification processes.

Aquestive Therapeutics (#820, 821)

Aquestive® Therapeutics is a specialty pharmaceutical company focused on solving therapeutics problems and improving medicines for patients. Aquestive applies its proprietary PharmFilm® technology to overcome shortfalls in medication design and other barriers patients face to using prescribed medications. The company has investigational and commercial treatments for CNS conditions, including epilepsy. URL: https://aquestive.com/pipeline/

Association of Child Neurology Nurses (ACNN) (#521)

The Association of Child Neurology Nurses is an international non-profit organization of nurses and other health care professionals who promote excellence in child neurology nursing practice. The ACNN provides educational opportunities at national and regional conferences, nursing excellence awards, research support, newsletters, and online membership contacts for networking. Additional information and how to join can be found at www.acnn.org.

Association for Creatine Deficiencies (#302)

The Association for Creatine Deficiencies (ACD) is a nonprofit organization dedicated to the three Cerebral Creatine Deficiency Syndromes (CCDS): CTD, AGAT, and GAMT. Our mission is to provide patient, family, and public education, to advocate for early diagnoses, and to promote and fund medical research for treatments and cures for CCDS.

SPONSOR

Atrium Health Levine Children's (#607)

Atrium Health Levine Children's is seeking Child Neurologists to join their team in the Charlotte, NC area. The Division of Child Neurology consists of 8 Child Neurologists including 4 Pediatric Epileptologists, as well as 4 nurse practitioners. LCH subspecialist include pediatric neurosurgeons, pediatric neuro-oncologists and pediatric physiatrists.

Atrium Health
Levine Children's

Audentes Therapeutics (#816)

Audentes Therapeutics is a leading AAV-based genetic medicines company focused on developing and commercializing innovative products for serious rare neuromuscular diseases. We are leveraging our AAV gene therapy technology platform and proprietary manufacturing expertise to develop programs across three modalities: gene replacement, vectorized exon skipping, and vectorized RNA knockdown.

SPONSOR

AveXis (#501, 601)

AveXis is the world's leading gene therapy company, reimagining the treatment of genetic diseases. We are focused on developing and delivering transformational gene therapies for patients and families devastated by rare and life-threatening neurological genetic diseases. For more information, please visit AveXis.com.

avexis

Barrow Neurological Institute at Phoenix Children's Hospital (#221)

Barrow Neurological Institute at Phoenix Children's Hospital is a center for research and care of patients with neurological disorders. We have established three new fellowship programs; Pediatric Epilepsy (ACGME-accredited), Pediatric Neurocritical Care, Pediatric Movement Disorders, and coming soon Pediatric Headache Medicine.

Batten Disease Support and Research Association (#916)

BDSRA is dedicated to funding research for treatments and cures, providing family support services, advancing education, raising awareness, and advocating for legislative action. Founded by parents seeking to build a network around Batten disease, BDSRA is the largest support and research organization dedicated to Batten disease in North America.

Biocodex (#307, 613)

BIOCODEX is a French independent multinational pharmaceutical company relying on a global network of scientists and partners. This allows us to acquire expertise in specific therapeutic areas, such as in orphan disease children's epilepsy, and now enables patients in over 100 countries to have access to our innovative medication.

Biogen (#203)

At Biogen, our mission is clear: we are pioneers in neuroscience. Biogen discovers, develops and delivers worldwide innovative therapies for people living with serious neurological and neurodegenerative diseases as well as related therapeutic adjacencies.

BioMarin Pharmaceutical Inc. (#712, 713)

BioMarin develops and commercializes innovative biopharmaceuticals for serious diseases and medical conditions. Approved products include the first and only therapies for PKU, LEMS, MPS I, MPS VI, MPS IVA, and CLN2 disease. Clinical development programs include investigational therapies for Hemophilia A, Achondroplasia, MPS IIIB, Friedreich's Ataxia and other rare diseases.

SPONSOR

bluebirdbio (#615)

At bluebird, our goal is to recode the science, the system – and even the status quo – for life. Powered by multiple labs, in-house lentiviral vector manufacturing capabilities and future drug product production, we push ourselves to find answers for the people who need them by exploring the cutting-edge spectrum of gene therapy.

Carilion Clinic (#217)

Carilion Clinic and VTC- Virginia Tech Carilion School of Medicine and Research Institute is Virginia's largest private employer west of Richmond in the state of Virginia. We provide exceptional care for nearly one million Virginians, with seven hospitals and 225 practice sites. Our network of 1,000+ providers in 75+ specialties.

Catabasis Pharmaceuticals, Inc. (#315)

Catabasis is developing edasalonexent, an oral therapy designed to inhibit NF-kB for the treatment of Duchenne muscular dystrophy. Edasalonexent is a potential foundational therapy for all affected by Duchenne, regardless of underlying mutation. The ongoing Phase 3 PolarisDMD trial is evaluating the safety and efficacy of edasalonexent for registration purposes.

Charleston Area Medical Center (#221)

Charleston Area Medical Center, Inc. is a non-profit, 958-bed, regional referral center with three Charleston locations: General Hospital, Memorial Hospital and Women and Children's Hospital and a fourth hospital located in Hurricane, West Virginia. The medical center is located in the state capital of West Virginia. Website is: www.camc.org

Children's Healthcare of Atlanta (#314)

The Neurosciences Division at Children's Healthcare of Atlanta is expanding to meet the needs of a growing pediatric community. In partnership with Emory University, Children's Physician Group-Neurology serves as the primary provider of Neurology services at each of our three hospital campuses, the Marcus Autism Center, and at various neighborhood locations throughout metro Atlanta. We are currently seeking experienced Pediatric Neurologists to join the team in our Neurohospitalist and Neuromuscular Divisions.

Children's Hospital Los Angeles (#310)

The mission of Children's Hospital Los Angeles is to create hope and build healthier futures. It is the No. 1 children's hospital in the Western U.S., and a top 5 hospital in the nation, according to the *U.S. News & World Report* Honor Roll. It's one of the few freestanding pediatric hospitals, and it's affiliated with the Keck School of Medicine of USC.

Children's Hospital & Medical Center – Omaha, NE (#304)

Children's Hospital & Medical Center is the only full-service, pediatric health care center in Nebraska, providing expertise in 50+ pediatric specialty services to children across a five-state region and beyond. Nationally ranked in five specialties by *U.S. News & World Report*, Children's is home to Nebraska's only PICU and Level IV NICU.

Children's National Hospital (#620)

Children's National Hospital, based in Washington, D.C., has served the nation's children since 1870. Children's National is the nation's No. 6 pediatric hospital and, for the third straight year, is ranked No. 1 in newborn care, as well as ranked in all specialties evaluated by *U.S. News & World Report*.

Cyclic Vomiting Syndrome Association (#818)

The Cyclic Vomiting Syndrome Association (CVSA) serves the needs of cyclic vomiting syndrome (CVS) sufferers, their families, and professional care givers by raising awareness and providing education and support to those affected by and those that treat cyclic vomiting, abdominal migraine, and related disorders, while advocating for and funding research.

Dravet Syndrome Foundation (#717)

The mission of Dravet Syndrome Foundation is to aggressively raise research funds for Dravet syndrome and related epilepsies; to increase awareness of these catastrophic conditions; and to provide support to affected individuals and families. Since 2009, we awarded over $4.2M in research grants and over $160,000 in patient assistance. www.dravetfoundation.org

SPONSOR

Eisai, Inc. (#301)

As the U.S. pharmaceutical subsidiary of Tokyo-based Eisai Co., Ltd., we are a fully integrated pharmaceutical business with discovery, clinical, and marketing capabilities. Our key areas of focus include oncology and neurology (dementia-related diseases and neurodegenerative diseases). To learn more about Eisai Inc., please visit us at www.eisai.com/US and follow us on Twitter and LinkedIn.

Elsevier, Inc. (#811)

Elsevier is a world-leading provider of information solutions that enhance the performance of science, health, and technology professionals, empowering them to make better decisions, and deliver better care.

Fulgent Genetics (#312)

Fulgent Genetics provides full-service genetic testing services to physicians with clinically actionable diagnostic information. Its technology platform integrates data comparison and suppression algorithms, learning software, genetic diagnostics tools and integrated laboratory processes. Fulgent prides itself on affordable costs, flexibility, diverse product offerings, and services that are second to none.

GeneDx, Inc. (#201)

GeneDx was founded in 2000 by two scientists from the National Institutes of Health (NIH) to diagnose patients with rare disorders and assist the clinicians responsible for treating these patients. Led by its world-renowned clinical genomics program, GeneDx has cutting-edge diagnostic testing for a majority of inherited genetic disorders. www.genedx.com

SPONSOR

Genentech (#401)

For more than 40 years, we've been following the science, seeking solutions to unmet medical needs. As a proud member of the Roche Group, we make medicines to treat patients with serious medical conditions. We are headquartered in South San Francisco, California.

Genentech
A Member of the Roche Group

SPONSOR

Greenwich Biosciences (#801)

Greenwich Biosciences is focused on discovering, developing, and commercializing novel therapeutics from its proprietary cannabinoid product platform. It is our passion and purpose to continually seek solutions that transform the lives of those living with rare and severe neurological diseases. For additional information, please visit www.GreenwichBiosciences.com.

GREENWICH BIOSCIENCES

Greenwood Genetic Center (#918)

The Greenwood Genetic Center is a nonprofit institute organized to provide clinical genetic services, diagnostic laboratory testing, educational resources, and research in the field of medical genetics. Our laboratory offers biochemical, cytogenetic, and molecular diagnostic testing. We strive to 'Give Greater Care' by combining state-of-the-art diagnostics with exceptional service.

Hackensack Meridian Health (#320)

Hackensack Meridian Health is a leading not-for-profit health care organization that is the largest, most comprehensive and truly integrated health care network in New Jersey, offering a complete range of medical services, innovative research and life-enhancing care aiming to serve as a national model for changing and simplifying healthcare delivery through partnerships with innovative companies and focusing on quality and safety.

Hannahtopia Foundation (#912)

NillyNoggin® EEG Caps are colorful, comfortable, functional caps that are helping kids and young adults get through the EEG process by helping reduce anxiety, decrease stress and create smiles! At Hannahtopia.com, we're making a positive impact in the lives of those suffering from neurological disorders. Created by an epilepsy Mom and daughter.

Invitae (#300)

Invitae's mission is to bring comprehensive genetic information into mainstream medical practice to improve the quality of healthcare for billions of people. Our goal is to aggregate most of the world's genetic tests into a single service with higher quality, faster turnaround time and lower prices. Visit www.invitae.com.

SPONSOR

Ipsen Biopharmaceuticals, Inc. (#407)

Ipsen Biopharmaceuticals, Inc. is the U.S. affiliate of Ipsen (Euronext: IPN; ADR: IPSEY), a global biopharmaceutical group focused on innovation and specialty care. The company is dedicated to providing hope for patients whose lives are challenged by difficult-to-treat diseases. For more information please visit www.ipsenus.com.

IPSEN
Innovation for patient care

Joe DiMaggio Children's Hospital (#519)

Joe DiMaggio Children's Hospital has grown since 1992 to be the leading children's hospital in Broward/Palm Beach Counties, with 226 beds, an 84-bed Level II and III NICU, 30-bed PICU and 12-bed ICU. Stop by our booth to learn about the Medical Director of Pediatric Neurology – Palm Beach career opportunity.

Kennedy Krieger Institute (#719)

Located in the Baltimore/Washington region, Kennedy Krieger Institute is internationally recognized for improving the lives of 20,000 children and young adults with disorders and injuries of the brain, spinal cord, and musculoskeletal system each year, through inpatient and outpatient clinics; home and community services; and school-based programs.

Le Bonheur Children's Hospital Neuroscience Institute (#410)

The Neuroscience Institute at Le Bonheur Children's Hospital in Memphis, Tenn. provides high quality care to children with a wide range of neurologic diagnoses utilizing advanced technology, clinical expertise and state-of-the-art facilities. LeBonheur is recognized by *U.S. News & World Report* as one of the nation's top twenty pediatric neuroscience programs.

Mayo Clinic Laboratories (#813)

Mayo Clinic Laboratories partners with health care organizations around the globe to help answer the most complex questions facing patients. With the most sophisticated test menu in the world, laboratory diagnostic testing and pathology services from Mayo Clinic span every medical subspecialty.

MNG Laboratories (#515)

MNG Laboratories, a LabCorp Company, strives to be your global partner in the clinical diagnosis of inherited disease. With over 17 years of experience, MNG utilizes complex biochemical testing, next-generation sequencing, and RNA analysis to deliver results that drive patient-centered decisions.

Monroe Carell Jr. Children's Hospital at Vanderbilt (#313)

Monroe Carell Jr. Children's Hospital at Vanderbilt provides excellent care for children with neurological issues. They have 20 providers that represent all areas of Pediatric Neurology. Training programs include an outstanding Child Neurology residency program as well as fellowships in pediatric neurophysiology/epilepsy, neuromuscular, and sleep.

National Coordinating Center for Epilepsy (#316)

The National Coordinating Center for Epilepsy (Center) supports those working to improve access to coordinated, comprehensive, quality care for children and youth with epilepsy. The Center provides national leadership by building partnerships, sharing resources on best practices, and developing policies to improve access to coordinated and comprehensive care for CYE.

National Organization for Disorders of the Corpus Callosum (#317)

The National Organization for Disorders of the Corpus Callosum is the leading resource for raising the profile, understanding and acceptance of disorders of the corpus callosum (DCC) through education, networking, advocacy, and research facilitation. Our mission is to enhance the quality of life and promote opportunities for individuals living with a DCC.

Nationwide Children's Hospital (#700)

Nationwide Children's is ranked among the seven best children's hospitals for Neurology and Neurosurgery by US News. Unique areas of focus include stroke, intracranial hypertension, spinal muscular atrophy and muscular dystrophy – including groundbreaking clinical and translational research. We are also top 10 in NIH funding among freestanding children's hospitals.

Neurelis, Inc. (#418)

Neurelis, Inc. is a privately-held specialty pharmaceutical company focused on therapies and technologies for epilepsy and the broader central nervous system. Our company is built on a foundation of passion and progress. This passion fuels our drive to successfully deliver innovative products that have the potential to change lives.

Neurogene Inc. (#311)

Reimagining the future for RARE NEUROLOGICAL DISEASES. Neurogene is focused on developing life-changing genetic medicines for patients and their families affected by rare, devastating neurological diseases.

Neurology Reviews (#702)

NEUROLOGY REVIEWS, a member of the MDedge family, is a clinical news publication with articles and timely department features that keep neurologists, primary care physicians, and other healthcare professionals informed of the latest news affecting their practice. NEUROLOGY REVIEWS covers major medical conferences and monitors the peer-reviewed literature to report the latest research findings.

Novartis Oncology (#412)

Novartis Oncology is a global leader in improving outcomes for patients. We seek to transform cancer care through distinctive scientific and clinical strategies focused on developing targeted, immuno-oncology and combination therapies to create more effective options for patients. For more information, please visit www.novartisoncology.com

Orchard Therapeutics (#815)

Orchard Therapeutics is a leading global fully integrated commercial-stage company dedicated to transforming the lives of patients with rare diseases through innovative gene therapies.

Origin Biosciences (#318)

Origin Biosciences, a subsidiary of BridgeBio Pharma, is a biotechnology company focused on developing and commercializing a treatment for Molybdenum Cofactor Deficiency (MoCD) Type A. Origin is led by veteran biotechnology executives. Together with patients and physicians, the company aims to bring a safe, effective treatment for MoCD Type A to market as quickly as possible.

Orphazyme (#920)

Orphazyme is biopharmaceutical company focused on the development of treatments for serious, progressive neurological or neuromuscular diseases. Arimoclomol, a heat shock protein amplifier that restores protein homeostasis, is in development for Neiman-Pick disease type C (NPC), Gaucher disease, Amyotrophic Lateral Sclerosis (ALS), and sporadic Inclusion Body Myositis (sIBM).

Ovid Therapeutics (#812)

Ovid Therapeutics is a biopharmaceutical company focused exclusively on developing impactful medicines for patients and families living with rare neurological disorders.

Using our BoldMedicine research expertise, we are focused on developing impactful medicines to transform the lives of people with rare neurological disorders.

Parent Project Muscular Dystrophy/ Decode Duchenne (#517)

Parent Project Muscular Dystrophy fights to end Duchenne. We accelerate research, raise our voices to impact policy, demand optimal care for every single family, and strive to ensure access to approved therapies. *Decode Duchenne provides free genetic testing and counseling support to people with Duchenne or Becker muscular dystrophy who have been unable to access genetic testing.*

Pediatric Search Partners (#710)

Pediatric Search Partners is a specialized search firm with a passion for matching the physicians and executives who care for children with practice settings they truly care about. Since 2009, we've filled more than 500 searches including pediatric neurology, pediatric epilepsy, sleep medicine, medical director and chief, pediatric neurology within leading children's hospitals and healthcare organizations across the nation.

Penn State Children's Hospital (#814)

Penn State Health is a multi-hospital health system serving patients and communities across central Pennsylvania. Penn State Health shares an integrated strategic plan and operations with Penn State College of Medicine, the University's medical school.

PerkinElmer Genomics (#319)

PerkinElmer Genomics is a state-of-the-art biochemical and molecular genetics laboratory. Pairing decades of newborn screening experience with a leading-edge genomics program, PerkinElmer Genomics offers one of the world's most comprehensive programs for detecting clinically significant genomic changes, and is one of the first laboratories to offer clinical Whole Genome Sequencing.

PreventionGenetics (#708)

PreventionGenetics is a CLIA and ISO 15189:2012 accredited clinical DNA testing laboratory. PreventionGenetics provides patients with sequencing and deletion/duplication tests for nearly all clinically relevant genes, including whole exome sequencing, PGxome .

Provider Solutions & Development (#219)

Founded within Providence St. Joseph Health, Provider Solutions + Development is a clinical career navigation organization. We've helped 1000+ providers achieve their practice potential. Our growing network of health system partners offers diverse practice opportunities across the nation.

PTC Therapeutics (#513, 609, 612)

PTC is a science-led, global biopharmaceutical company focused on the discovery, development and commercialization of clinically-differentiated medicines that provide benefits to patients with rare disorders. EMFLAZA® (deflazacort) is the first and only FDA-approved corticosteroid indicated for the treatment of Duchenne muscular dystrophy in patients 5 years of age and older.

Recordati Rare Diseases Inc. (#506)

Recordati Rare Diseases is a biopharmaceutical company committed to providing often overlooked orphan therapies to the underserved rare disease communities of the United States. Our experienced team works side-by-side with rare disease communities to increase awareness, improve diagnosis, and expand availability of treatments. For more information, please visit www.recordatirarediseases.com.

REMfresh (#910)

Sleep is essential to the healthy development of children. That is why #1 sleep doctor recommended REMfresh®, is proud to introduce REMfresh® LITE 0.5 mg. In small, easy-to-swallow caplets REMfresh LITE supports up to 7-hours of quality sleep. For more information please visit REMfresh.com or email Damon Hunt at DHunt@imhealthscience.com.

Retrophin (#419)

Retrophin is a biopharmaceutical company specializing in identifying, developing and delivering life-changing therapies to people living with rare disease.

RosmanSearch, Inc. (#508)

RosmanSearch is a Neurosurgery, Neurology and APP recruitment firm. We place quality providers with quality practices nationwide. We are the only search firm with dedicated teams specializing in neuroscience. Our mission is to be the best, the most expert, and the one that is known for quality – every time!

Sanford Health (#819)

Sanford Health is one of the largest health care systems in the nation, with 44 hospitals and nearly 300 clinics in nine states and four countries.

Sanofi Genzyme (#510)

Sanofi Genzyme focuses on developing specialty treatments for debilitating diseases that are often difficult to diagnose and treat, providing hope to patients and their families.

SPONSOR

Sarepta Therapeutics (#701)

Sarepta is at the forefront of precision genetic medicine, having built an impressive and competitive position in Duchenne muscular dystrophy (DMD) and more recently in Limb-girdle muscular dystrophy (LGMD), Charcot-Marie-Tooth (CMT) MPS IIIA, Pompe and other CNS-related disorders, totaling over 20 therapies in various stages of development.

SAREPTA THERAPEUTICS

SimulConsult (#621)

See the new SimulConsult® diagnosis software: it runs on mobile devices as well as computers. Now with >7,200 diseases in neurology, genetics and related diseases, it helps you be your best diagnostician. Subscribe individually or as a department or residency program. Use the automatically-generated Patient Summary to facilitate test approval.

Sunovion Pharmaceuticals, Inc. (#512)

Sunovion is a global biopharmaceutical company focused on the innovative application of science and medicine to help people with serious neurological, psychiatric and respiratory conditions. The company's spirit of innovation is driven by the conviction that scientific excellence paired with meaningful advocacy and relevant education can improve lives.

Supernus Pharmaceuticals, Inc. (#707)

Supernus Pharmaceuticals, Inc. is a specialty pharmaceutical company focused on developing and commercializing products for the treatment of CNS diseases. The Company has two marketed products, Oxtellar XR® (extended-release oxcarbazepine) and Trokendi XR® (extended-release topiramate). Supernus is also developing two product candidates to address large market opportunities in psychiatry.

Texas Children's Hospital (#321)

Texas Children's Hospital is committed to creating a healthier future for children throughout the global community by leading in patient care, education and research. Consistently ranked among the top children's hospitals in the nation, Texas Children's has garnered widespread recognition for its expertise and breakthroughs in pediatric health.

Tourette Association of America (#914)

The Tourette Association of America is dedicated to making life better for all individuals affected by Tourette and Tic Disorders. The Association works to raise awareness, fund research, provides on-going support and directs a network of 32 Chapters and over 80 support groups across the country. For more information on Tourette and Tic Disorders, visit www.tourette.org .

Tris Pharma, Inc. (#309)

Tris Pharma, Inc. provides a portfolio of unique and innovative ADHD treatment options for patients 6 years and older. We continue to develop products based on our exclusive LiquiXR® delivery system with the hope of making a difference in people's lives.

UCB, Inc. (#720, 721)

At UCB, we come together everyday laser-focused on a simple question: How will this create value for people living with severe diseases? We are a global biopharmaceutical company committed to innovation to improve the lives of people with neurological, immunological, and bone diseases, finding solutions to meet their unique needs.

United Mitochondrial Disease Foundation (UMDF) (#718)

The United Mitochondrial Disease Foundation (UMDF) provides support, education, and advocacy for patients and families worldwide. UMDF funds scientific and clinical research towards treatments and a potential cure for mitochondrial disease.

University of Maryland Children's Hospital (#215)

In providing the best possible care for children of all ages, the University of Maryland Children's Hospital (UMCH) takes the slogan "Children Are Our Future" very seriously. The Department of Pediatrics, Division of Pediatric Neurology is looking for strong candidates to join our expanding peds neurology program.

Upsher-Smith Laboratories, LLC (#414)

Upsher-Smith Laboratories, LLC is a trusted U.S. pharmaceutical company striving to improve the health and lives of patients through an unwavering commitment to high-quality products and sustainable growth. We seek to deliver the best value for our stakeholders and do more good for our customers. For more information, visit www.upsher-smith.com.

UT Health Austin Pediatric Neurosciences at Dell Children's (#213)

UT Health Austin Pediatric Neurosciences at Dell Children's provides world-class medical care for children with disorders of the central nervous system. The center is committed to interdisciplinary care promoting health-related quality of life through family-centered treatment, multidisciplinary collaborations, and interinstitutional partnerships. Including clinical academics and research-driven protocols with UT Austin.

Variantyx (#619)

Variantyx provides Genomic Unity™ whole genome testing services to clinicians for diagnosis of rare inherited disorders. We also enable hospitals and labs to profitably expand their test menu with validated genomic diagnostic solutions using our automated Genomic Intelligence® platform for simplified NGS data analysis, interpretation and clinical reporting.

VNS Therapy by LivaNova (#413)

As pioneers of the VNS (Vagus Nerve Stimulation) Therapy® system, we continue to advance medical device solutions for people affected by drug-resistant epilepsy. We strive to help where it really counts, where it truly matters the most. Sharp, responsive and effective – at LivaNova we serve health and improve lives. Day by day. Life by life.

Zogenix, Inc. (#406)

Zogenix is a global pharmaceutical company committed to developing transformative therapies to improve the lives of patients and their families living with rare diseases.

Assessing Spinal Muscular Atrophy Across the Patient Journey

Sponsored by Genentech, a Member of the Roche Group

Spinal muscular atrophy (SMA) is a genetic, progressive, and sometimes fatal neuromuscular disease. The effects of SMA are widespread and many living with SMA face a potential loss of function. An important aspect of managing the care of patients with SMA includes using validated tools to measure changes in motor function over time.

In this program, a physician and a physical therapist, who both specialize in the management of patients with neuromuscular diseases, will briefly review the pathophysiology and natural history of SMA. Then, using a case-based approach, the faculty will discuss how they would apply and interpret three different neuromuscular assessment scales in patients with SMA types 1, 2, and 3.

JOIN US FOR AN IMPORTANT DISCUSSION
Thursday, October 24, 2019 • 12:00 PM–1:00 PM

Space is limited and seating will be available on a first-come, first-served basis.

Product Theater
CNS Exhibit Hall
Charlotte Convention Center
Charlotte, NC

Complimentary lunch will be served.

Meals may be reportable under country, federal, state, and local jurisdictions. If you are a licensed healthcare professional in NJ, VT, or MN, please separately identify yourself to the registration staff at the symposium. Tables without food service will be available.

This non-CME program is intended for healthcare professionals only. CME credits will not be given for attendance.

FACULTY

Perry Shieh, MD, PhD
Associate Professor
Department of Neurology
David Geffen School of Medicine at UCLA
Ronald Reagan UCLA Medical Center
Los Angeles, CA

Sally Dunaway Young, PT, DPT
Physical Therapist and Clinical Research Evaluator/Manager
Stanford University School of Medicine
Stanford, CA

Visit Genentech at Booth #401

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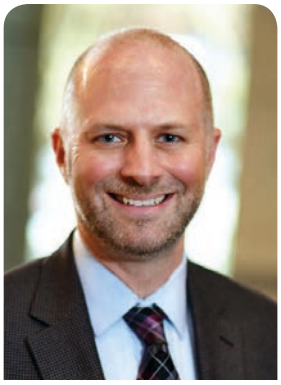
Professors of Child Neurology



Tim Lotze, MD
President, PCN

Dear Colleagues,

I am looking forward to our annual meeting of Child Neurology and Neurodevelopmental Disabilities Residency Program Directors at the Professors of Child Neurology Meeting. I wanted to give you this preview of what to expect. During our first hour, we will have our business agenda. We will be hearing of NRMP Match results for our specialties from Leon Dure as well as a report from Brad Schlaggar regarding the R25 program. I have additionally invited Laurie Gutman and Louise Castile from the ACGME to review the latest residency program requirements. Also from the ACGME, Laura Edgar, will be giving us an update on the upcoming revisions to the Child Neurology Residency Milestones. Finally, Jamie Capal will provide us with an overview of outstanding scholarship and advocacy opportunities for our residents and young faculty through involvement with the American Academy of Pediatrics Section of Neurology.

We are again offering two hours of CME for the latter half of this meeting. In keeping an eye on physician wellness, I will be discussing resources for individual programs to utilize in the development of these programs for their residents and faculty. I will additionally take this opportunity to invite programs to sign up for the PCN monthly webinar, which I am looking to launch in late Fall 2019. This webinar will have a preliminary goal focused on physician wellness. Beyond this, I am hoping that it will continue with regularly scheduled sessions covering topics related to resident training. Jennifer Thomas will give us an interesting talk on how to identify and manage the "imposter syndrome" in our field- a condition that many of us have dealt with and can encounter in trainees. Finally, Dara Albert will provide a practical method of establishing an OSCE for residency training, so that we might better evaluate and identify key areas to improve an individual resident's performance.

Come to Charlotte prepared to nominate yourself or a colleague for one of three open seats on the PCN Board of Directors:

- Director-at-Large (2-year term)
- Secretary-treasurer (4-year term)
- President-elect (4-year term: one year as President-elect, two years as President, one year as Past-President).

Nominations may be submitted on hard copy at the PCN Meeting or on-line the week of October 20-27. A final slate of candidates will be posted for 30-day-online balloting beginning November 1.

See you all in Charlotte!

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PTC THERAPEUTICS

MAT-EMF-0365

2019 Pediatric Epilepsy Research Foundation (PERF) Elterman Research Grant

Mechanisms of Cerebellar Circuit Formation in Mitochondrial Disease

Isaac Marin-Valencia, MD
The Rockefeller University

Profile

My research interest in the neurobiology of metabolic disorders started when my brother Abimael was born. He suffers from a severe neurodevelopmental condition that has caused him severe intellectual and physical disability. At the age of 10 years, I began to believe that there must be a way to change the course of such a devastating disease and that medicine was the best tool to effect such a change.

I obtained my medical degree with honors (first in class) at the University of Las Palmas de Gran Canaria, one of the most prestigious medical schools in Spain. Then, I completed clinical training in pediatrics in the Hospital Sant Joan de Déu in Barcelona, one of the primary referral centers in Spain for disorders of inborn errors of metabolism. During residency, I became proficient at diagnosing and treating systemic manifestations of metabolic diseases, but I lacked training in the clinical and laboratory aspects of the neurological complications of these conditions. After residency, I started postgraduate research training in neurochemistry under the mentorship of Dr. Juan Pascual at UT Southwestern, where I studied the mechanisms by which disorders of glucose uptake in the brain alter neuronal metabolism, disrupt synaptic transmission, and lead eventually to epilepsy. From this work, I made major scientific contributions that resulted in 14 publications (first author of nine with >1500 citations). I discovered the anti-epileptic effects of triheptanoin in a mouse model of GLUT1 deficiency and, soon after, I applied this treatment to patients, who manifested significant improvement in seizure management, and cognitive and motor performance *(JAMA Neurology, Journal of Cerebral Blood Flow and Metabolism)*. I identified the Krebs cycle as a critical metabolic pathway involved in the growth of glioblastoma *(Cell Metabolism)*. I detected 2-hydroxyglutaric acid in individuals with gliomas by NMR spectroscopy, which later became the standard of care to diagnose and prognosticate these patients *(Nature Medicine)*. Most recently, I discovered a new potential therapy to enhance cortical function and ameliorate seizures in pyruvate dehydrogenase deficiency, one of the most common mitochondrial disorders in children *(Science Translational Medicine)*. In recognition of these achievements, I received numerous awards, including the Silas Weir Mitchell Award bestowed by the American Academy of Neurology.

My knowledge of brain metabolism expanded during my pediatric neurology residency at UT Southwestern, where I served as chief resident. I treated many children with neurodevelopmental disorders caused by inborn errors of metabolism and spent much time contemplating the gap between patients' needs and our capacity as scientists to help them. I learned that most metabolic disorders, particularly those associated with defective mitochondrial metabolism, impair the development of selective regions of the brain like the cerebellum. However, little was known about the underlying mechanisms, and no proven treatments were available to prevent the structural defects of the brain. I joined the laboratory of Dr. Joseph Gleeson at Rockefeller in 2015 to study genetic regulatory mechanisms by which metabolic disorders disrupt cerebellar development. I discovered several metabolic genes, such as PYCR2 and TOE1, which, when mutated, cause cerebellar hypoplasia with various degrees of cortical involvement. I published several high-impact papers, including articles in *Nature Genetics* and *American Journal of Human Genetics*, and was awarded a fellowship research grant by the American Academy of Neurology. However, Dr. Gleeson moved to UC San Diego in 2017 and closed his lab at Rockefeller. Since I was unable to move to California due to family reasons, I transitioned to the laboratory of Dr. Mary E. Hatten to continue the project. Thus far, I have generated promising observations as to why the cerebellum does not develop properly in a mouse model of pyruvate dehydrogenase deficiency, and how this might be treated. The Pediatric Epilepsy Research Foundation Elterman Research Grant will allow me to finalize my preparations and build a successful independent research program in the developmental neurobiology of mitochondrial disorders.

Research Abstract

Disorders of cerebellar development represent a major neurological disability in children with mitochondrial diseases. Approximately two-thirds of these patients have cerebellar defects, and in many cases, it represents the sole neurological manifestation. This phenotype is particularly pronounced in one of the most common mitochondrial disorders, pyruvate dehydrogenase deficiency (PDHD), in which patients manifest early signs of cerebellar involvement, ranging from severe cerebellar hypoplasia with other structural defects at birth, to intermittent and progressive ataxia starting in childhood. Despite the fact that the first cases were reported more than four decades ago, it is still unknown how this generalized enzyme deficiency leads to clinical signs referable to the cerebellum. The poor mechanistic understanding of the cerebellar deficits in PDHD has prevented the expansion of therapeutic options, which are currently limited to symptomatic and life-long palliative efforts. The objective of this proposal is to identify molecular mechanisms that underlie the cerebellar developmental disease in this condition and to apply effective therapies accordingly. The support of the Pediatric Epilepsy Research Foundation Elterman Research Grant allows me to carry out this project, to facilitate my transition towards independence, and to, in the future, translate promising findings to patients.

CONNECTING WITH PARTNERS
Child Neurology Foundation (CNF)

Emily Isenstein
Medical Student
University of Rochester

Neurodevelopmental Disabilities Summer Research Scholarship

Profile

Emily Isenstein recently completed her first year of medical school at the University of Rochester, where she is a student in the Medical Scientist Training Program. In her undergraduate years, Emily was a member of the Affect and Cognition Lab at Cornell University and graduated with a degree in Human Development, concentrating in Developmental Behavioral Neuroscience. After graduating, Emily worked as a Clinical Research Coordinator at the Seaver Autism Center at Mount Sinai where she was inspired by the collaborative intersection of research and medicine to pursue an MD/PhD dual degree. At the University of Rochester, Emily plans to intertwine her medical and graduate education to become a physician scientist with a focus on autism spectrum disorder and related neurodevelopmental disorders. Emily has worked with individuals with neurodevelopmental disabilities for over ten years as an Equine-Assisted Therapy Instructor, and has long been fascinated by the role that kinesthetic awareness plays in autism etiology and presentation. With support from the NDD scholarship, this summer Emily will conduct research on visual-proprioceptive integration in autism that will serve as the foundation of her PhD research. She hopes that by further understanding variability in proprioceptive functioning, the field will move closer towards developing personalized therapeutics and care. After completing her schooling, Emily plans to pursue a career that will allow her to both provide and improve care for children with neurodevelopmental disabilities.

Alexander Li Cohen, MD, PhD

Boston Children's Hospital

2019 Pediatric Epilepsy Research Foundation (PERF) Shields Research Grant

Profile

Alexander Cohen, MD, PhD is a physician-scientist specializing in translational neuroimaging dedicated to understanding and treating autism spectrum disorders and other neurodevelopmental conditions. He has a broad background in both cellular and systems neurosciences, with specific training and expertise in functional connectivity neuroimaging. Following his graduate education at Washington University in St. Louis School of Medicine, he completed a combined residency in Pediatrics and Child Neurology at the Mayo Clinic, during which he became interested in childhood conditions affecting cognition including neurodevelopmental disorders and went on to complete a Behavioral Neurology fellowship at Boston Children's Hospital, where he is now an Instructor of Neurology. Rare among active clinicians, he also has a history of designing, implementing, and sharing innovative computational tools and his work has been cited over 11,000 times.

Currently, he cares for patients in the Autism Spectrum Center as well as in the Behavioral Neurol-ogy Clinic at Boston Children's Hospital and is associated with both the Computational Radiology Laboratory at Boston Children's Hospital and the Laboratory for Brain Network Imaging and Modulation at Beth Israel Deaconess Medical Center. His research efforts focus on identifying the causal anatomy of symptoms in neurodevelopmental and neuropsychiatric disorders that could serve as biomarkers or treatment targets for non-invasive stimulation. His passion and diligence have established a reputation as a self-motivated investigator, clinician, and educator known for his collegiality, professionalism, and empathy with patients and their families.

Research Abstract

Autism spectrum disorder (ASD) affects 1 in 59 children and is often associated with a heterogeneous mix of disabling and treatment resistant symptoms, yet there remains a paucity of new therapeutic approaches. If we can identify the specific regions and networks in the brain that produce specific symptoms, novel individualized therapies such as transcranial magnetic stimulation or fMRI-based neurofeedback might be possible.

While atypical social communication and difficulty with joint attention are hallmark features of ASD, difficulty processing facial information conveying identity, emotional expression, and/or gaze direction, may underlie these diagnostic features of ASD in some individuals. However, there is considerable variability in face task performance which could in part be due to individual differences in underlying neural circuitry. Neuroimaging has identified numerous, yet variable, brain regions that demonstrate group-level differences in ASD participants during face processing tasks. To date, however, it remains unclear which of these observations are causal, compensatory, or simply serve as correlative markers of atypical face processing.

Utilizing data from another population with face recognition impairment, i.e., patients with acquired prosopagnosia, we have identified specific brain connections that appear uniquely affected by strokes that cause face recognition impairment. While most patients with ASD do not have a history of stroke or obvious neuroanatomical abnormalities, individuals with Tubersous Sclerosis Complex (TSC) do have cortical tubers that are thought to affect the function of surrounding cortex, are at significant risk of developing ASD, and have also been found to demonstrate atypical face processing.

Leveraging this unique combination in this project supported by the PERF Shields Research Grant, we aim to: 1) identify whether cortical tubers implicate a common neuroanatomical basis for abnormal face recognition in TSC patients, which we hypothesize will be consistent with acquired prosopagnosia, and 2) determine if functional connectivity data acquired from individuals with TSC, independent of tuber location, is abnormal in areas implicated by acquired prosopagnosia. If successful, this project provides a proof of concept for utilizing corical tuber 'lesions' to identify the putative neuroanatomy for other symptoms present in TSC and across neurodevelopmental disorders. The long-term goal of this work is to generate biomarkers that can be used for diagnosis or guide therapy for specific symptoms and targets for trials of non-invasive neuromodulation.

CONNECTING WITH PARTNERS
Association of Child Neurology Nurses

Tara Pezzuto, DNP
President, ACNN

Dear ACNN Colleagues,

The ACNN Board is ready for the Charlotte 2019 conference to be the best conference yet! With more speakers and attendees than ever before, Valerie Fuller, DNP and member of the National Council State Board of Nursing will begin our conference with updates on the national level. Our lectures will be almost double the number and include the newest treatments in neurogenetics, epilepsy treatments, syndromes and complications, increased intracranial pressure, headache management strategies, and transition to care. We will formally announce the 2019 award recipients for Claire Chee, Nurse Practitioner, and Innovation in Practice awards and encourage all to consider their best mentors and shining examples for the future.

ACNN twitter page will keep everyone up to date on conference happenings and connected to the latest news from ACNN. The podium presentations will be available online a few months after the conference. The SIGs will be posted on the Connect site of the CNS website soon (http://connect.childneurologysociety.org/home) so conversations can foster questions and facilitate collaboration among members before, during and after the conference.

The Child Neurology Encounter Guide and the Caregiver Resource Guide's will be available during the conference and are always available on the website. The conference will be held at The Charlotte Convention Center on October 23-26th, 2019. Remember your sneakers for the scavenger hunt this year in lieu of the 5k to try and raise money for the Hobdell Research Grant, but come with ideas for research so we can help guide your work and considerations for applying for the Hobdell grant.

In the next few years we would like to take it further in providing the next generation of child neurology APRN providers and RN's with the resources necessary to transition to care and develop innovation through research and positive experiences.

Please partake in our posted surveys (soon to come) to ensure our board can develop and deliver the best approach to the support and training of excellence in the future neurology nurses of the world.

ACNN
ASSOCIATION OF CHILD NEUROLOGY NURSES

Courtney Wellman, MSN, RN, CPN

Association of Child Neurology Nurses Claire Chee Nursing Excellence Award

The Association of Child Neurology Nurses (ACNN) is pleased to award the 2019 Claire Chee Nursing Excellence Award to Courtney Wellman, MSN, RN, CPN. Courtney has been a nurse at Children's Mercy in Kansas City for the past 15 years. Since 2007 she has been part of the Neurology Division in the outpatient clinic. She currently is the manager of the Neurology Outpatient Clinic. She was nominated by Dr. Jean-Baptiste Le Pichon.

Courtney graduated from Penn Valley Community College and furthered her education at the University of Missouri-Kansas City receiving her Bachelor's degree. She completed her Master's degree in Nursing with a focus on leadership and management in 2018.

As a patient advocate, Courtney has been involved in the comprehensive headache clinic. She led a significant role in program development for weekly DHE infusions and contributing to the development of educational tools for patients and providers. She is a champion for patients suffering from migraine headaches and chronic pain. Courtney has been a leader in some of the most important hospital initiatives including implementing the LEAN clinic model which has led the neurology clinic to become a role model for the rest of the hospital.

She has been an advocate for not only patients but for staff. Dr. Le Pichon noted "She developed a nurse facilitator role to help elevate nurses to the top of their scope and bridge the gap in the care of complex patients to promote healthy outcomes." As creator of the Headache Champion program, she has mentored school nurses on headache management. She designed a "New Hire Orientation Package" for the new nurses and care assistants to help with the orientation of new employees as the clinic quickly expanded. She also mentors newly licensed nurses through the Nurse Residency Program.

Dr. Le Pichon noted "She developed a nurse facilitator role to help elevate nurses to the top of their scope and bridge the gap in the care of complex patients to promote healthy outcomes."

Leading the effort to develop the annual "Runnin' for Research" in Kansas City, Courtney has organized three races with each being more successful that the last. This event raises financial support for headache research and awareness.

She has received awards from Children's Mercy including the 2017 Honorary Patient Advocate Award, and 2016 Clinical Excellence in Nursing Award and was a Daisy award nominee in 2010. She is currently the chairman of the Nursing Professional Excellence Council. She also serves as a KT scholar (mentor for new graduates in the nurse residency program), CMLS – RPI (CMLS rapid process improvement team for neurology), and CPN champion (helps to promote nurses through education and assistance to prepare for CPN exam).

"Courtney has always been ready to embrace change," Dr. Le Pichon notes, "and is eager to lead by example." She has been an advocate for patients and staff and is committed to the care of children with neurologic diseases. It is clear that Courtney Wellman is an outstanding exemplar of Child Neurology Nursing and highly deserving of the 2019 ACNN Claire Chee Nursing Excellence Award.

It is now more important than ever
to find the cause of your patient's hypotonia.

COULD IT BE AADC DEFICIENCY?

Visit **PTC Therapeutics at booth 513/612** to learn more about Aromatic L-amino Acid Decarboxylase (AADC) Deficiency.

Erin Fescke, DNP, APRN, CNRN, CPNP-PC

Association of Child Neurology Nurses Nurse Practitioner Award

Erin Fescke, DNP, APRN, CNRN, CPNP-PC is the awardee of the 2019 Association of Child Neurology Nurses Nurse Practitioner Excellence Award. Erin has worked since 2012 as a nurse practitioner at Children's Mercy Hospital Kansas. She was nominated by Drs. Abdelmoity and Le Pichon.

Erin is described as an outstanding clinician who cares for infants and youth with intractable epilepsy. She has excelled on multiple levels and is a leader in her field. "She cares for every patient in our program as if it is a family member of her own.," Dr. Abdelmoity reports. She is highly organized, professional and has a great work ethic.

Erin is noted to have a passion for education and disseminating that knowledge. She developed a nursing education course for neurology nurses and continues to deliver quarterly updates. The neurology orientation course for new neurology nurses ensures they are informed and helps to develop their competence as they continue with child neurology.

She created an Epilepsy Monitoring Unit (EMU) simulation model to help nurses respond to children seizing in the EMU. She continues to look at the highest outcomes possible and create standards to meet those outcomes. She helped develop the ketogenic diet and neuromodulation nursing protocols. This has helped nurses practice at the top of their licensure and contributed to the program development.

"Erin has been a champion for attending to the psychosocial needs of children with epilepsy," Dr. Le Pichon notes. Erin was instrumental in the development of a quality improvement project that systematically screened youth (ages 12-17) with epilepsy for depression and suicidal ideation. This was developed as part of her DNP education through Duke University. With each positive screen the patient received a social work evaluation and mental health resources. Education on depression was provided to all patients. This project has been proposed for HRSA funding to look at the entire state of Kansas. Erin has been instrumental in writing the section of the grant addressing depression and suicide risk.

Erin has received numerous awards, including the Children's Mercy Hospital Clinical Excellence Award for Advanced Practice Nursing in 2017, the American Association of Neuroscience Nurses Excellence in Clinical Patient Care Award in 2016, and Excellence in Nursing Research Award from the American Epilepsy Society in 2013 and 2015.

She is involved in professional organizations including Association of Child Neurology Nurses, American Epilepsy Society, American Association of Neuroscience Nurses (AANN) and National Association of Pediatric Nurse Practitioners (NAPNAP). She has been involved with the Annual Meeting Planning Committee for AANN as a member and currently as co-chair. Also a current member of the Child and Youth with Epilepsy Committee through NAPNAP and AAP. As a member of the Core measurement Development Committee through AAN/CNS she helped in the development of measures for Child Neurology.

She has delivered talks at local, regional, national and international meetings. She has presented numerous abstracts/posters at the American Epilepsy Society meetings. Erin has published articles on epilepsy management and quality improvement within child neurology. She has been invited to participate in webinars with AANN and the Epilepsy Foundation with the goal to improve the education of nurses in the care of patients with epilepsy.

Outside of work she has devoted her time to mission trips to the Dominican Republic. There she serves as a general pediatric provider for children in rural communities of the Dominican Republic.

"Her great clinical skills, excellent medical knowledge, high level of professionalism, work ethic, as well as superior caring passion for her patients and their families make her a really unique nurse and human being," according to Dr. Abdelmoity. With this high praise the Association of Child Neurology Nurses is honored to present the 2019 Nurse Practitioner Excellence Award to Erin Fecske.

Michele Grimason Mills, MSN, FNP-BC, PNP-AC

Association of Child Neurology Nurses Innovative Practice Award Presentation

The 2019 Association of Child Neurology Nurses Innovative Practice Award recipient is Michele Grimason Mills, MSN, FNP-BC, PNP- AC. Ms. Mills was instrumental in the development of a Status Epilepticus Clinical Care Guideline at Lurie Children's Hospital in Chicago.

Upon review of Lurie Children's hospital's adherence to the status epilepticus protocol, it became apparent that the management and care of children presenting with status epilepticus was hampered by a combination of knowledge gaps among providers and unidentified system and work flow barriers. In 2017 a status epilepticus clinical quality improvement project was initiated in order to address those concerns.

The goal was to implement a comprehensive clinical care status epilepticus guideline with quantifiable metrics for improvements. The largest barriers that were identified were the timely recognition of seizures, medication administration and correct documentation. With the help of multiple subgroups an evidenced based care algorithm was developed that was accessible to all providers. With the algorithm, an evidence-based order set, remodeled nursing work flow, and new packaging, labelling and storage of Fosphenytoin in the medication Pyxis was implemented.

Challenges including creating one algorithm and order set for all care settings. The nursing workflow had to be adapted so that it could be easily followed in all care settings. One of the innovations in this project was adding Fosphenytoin vials prepackaged in the mediation Pyxis with saline vials and a label with instructions for dilution and delivery. This required significant nursing education in addition to pharmacy involvement.

Throughout this project, one key limitation to identifying seizures was the bedside neurologic exam. In the electronic medical record there were two neurologic exams that did not seem to apply to the patient population. Working with nurse educators from other areas, a succinct neurologic exam was developed to highlight key features that are necessary to identify new neurologic impairments. Once developed the exam was rolled out via unit education sessions and one on one teaching completed by the nurse educators.

Since implementation of the new neurologic exam, there has been more rapid seizure recognition and treatment. A secondary gain has been the raised awareness about acute neurologic injuries that has prompted quicker identification of neurologic abnormalities.

The new status epilepticus protocol has led to a cohesive collaboration between nurses, primary service providers and pharmacy. The changes have led to role recognition and a pathway to prompt seizure treatment.

Prolonged seizure duration is directly correlated with the need for increased anti-epileptic medication for seizures cessation. Since implementing the status epilepticus clinical quality improvement project there has been a reduction in time to medication administration and time to seizure cessation.

One of the initial concerns was that many patients would need second line medication and transfer to the intensive care unit for further seizure treatment. On review of status patients, quick recognition of seizures and benzodiazepine treatment, there was not a need for additional seizure treatment, escalation of care for hemodynamic instability or respiratory depression. Those patients that did require addition support were already in the critical care unit. Thus, there have been less admissions to the ICU which has likely led to a decrease in hospital length of stay and decrease hospital cost.

Supportive letters from Dr. Leon Epstein and Dr. Andrea Pardo were provided with Ms. Mills' application for the Innovative Practice Award. Dr. Pardo commented that "Michelle embodies the national leader in child neurology that this award recognizes."

It is clear from the material submitted by Ms. Mills that her Clinical Care Guideline for Status Epilepticus has led to improvement for both the patient, family and the institution, and that she is highly deserving of the Innovative Practice Award from ACNN.

CONNECTING WITH PARTNERS

Program Coordinators of Child Neurology

Dear Colleagues,

We are thrilled to welcome so many Child Neurology residency program coordinators to the 6th annual Program Coordinators of Child Neurology (PCCN) Conference in Charlotte, NC. As the conference plans come together, there are a few items worth highlighting.

We formed our coordinator group in 2014 to help fill a gap in the world of GME for Child Neurology residency programs and provide support, knowledge, and skills to the coordinators in their daily managerial role. We continue to see substantial turnover in the coordinator workforce. As the environment of GME becomes increasingly more complex, we hear regularly regarding the lack of training, recognition, and understanding for the complex work required by coordinators in order to maintain compliance with their residency program.

In light of those complexities, we are thrilled to announce our highest conference registration since our group's inception. We have a full three-day agenda, and for the first time we are providing a Coordinator Boot Camp on the first day. The remainder of the conference will include a wide variety of topics, including: recruiting, evaluation methods, ACGME Site Visit & Self-Study, and resident wellness. We look forward to hearing the neurology updates by Dr. Laurie Gutmann, Chair of the ACGME Neurology RC, and Tiffany Hewitt, ACGME Senior Accreditation Administrator. And finally, we will have sessions regarding coordinator development and efforts nationally to advance the recognition and role of the Program Coordinator.

We aim to continue to provide support to child neurology residency coordinators by sharing best practices and practical tools for residency management. We are thankful to have the support of the Professors of Child Neurology and the Child Neurology Society and look forward to working with them as we continue to advocate for improvements in GME and the role of the residency coordinator.

Sincerely,
Terri Feist, BBA, C-TAGME
President, PCCN

2018 Program Coordinators of Child Neurology

CONNECTING WITH YOUR FUTURE
Personnel Registry

CNS PERSONNEL REGISTRY
ARIZONA

CHILD NEUROLOGY WITH LEADING HEALTH CARE SYSTEM

Banner Children's Specialists (BCS), a multispecialty group within Banner Health, is actively recruiting Child Neurologists for our main location in Mesa, AZ. The Neurosciences Division at BCS 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 an active member of the pediatric neurology clinical care team, primarily practicing general neurology and contributing to any of the Divisions neurology clinical care programs such as Concussion, Children's Post-infectious Autoimmune Encephalopathy (CPAE) and Trauma. 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 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

Our pediatric neurology practice currently comprises 7 neurologists and 5 NPs at two sites within the greater Phoenix area. This position is for our main location:

Cardon Children's Medical Center (CCMC) is located on the campus of Banner Desert Medical Center (BDMC) in Mesa, AZ and is a state-of-the-art, 260-bed children's care facility that opened in 2009. The hospital provides a full range of services to a pediatric population of 350,000. CCMC now has 104 NICU beds and 24 PICU beds staffed with 24/7 Intensivists. The recently expanded 26-bed Pediatric ED provides specialized emergency care for kids of all ages. Pediatric Trauma Services are set to open soon. There are more than 240 pediatric physicians on staff, covering more than 27 specialties.

Banner Health is one of the largest integrated health care systems in the country with twenty-eight hospitals, to include the University of Arizona academic hospitals in Tucson and Phoenix, 6 long-term care centers and many outpatient clinics in six Western and Midwestern 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; great location, and ample opportunities to grow professionally.

PLEASE SUBMIT YOUR CV FOR IMMEDIATE CONSIDERATION, TO: doctors@bannerhealth.com

For questions, please call Pam Disney, Sourcing Strategist: 602/747-4397.
Visit our website at: www.bannerdocs.com
We are open to sponsoring H1b visas.

As an equal opportunity and affirmative action employer, Banner Health recognizes the power of a diverse community and encourages applications from individuals with varied experiences and backgrounds. Banner Health is an EEO/AA - M/W/D/V Employer. Please, no agency solicitations. Banner Health never asks for banking information during the application process.

ACADEMIC FACULTY: PEDIATRIC NEUROLOGIST

Banner University Medical Center Tucson (BUMC-T)

The Department of Neurology at the University of Arizona and Banner University Medical Group and Diamond Children's Hospital are recruiting Two Board Certified/Board Eligible Pediatric Neurologist to join our multidisciplinary team including neurology, neurosurgery, developmental pediatrics, pediatric neuroradiology, pediatric emergency medicine and rehabilitation services.

The Department of Neurology has 41 faculty members, 2 nurse practitioners, 30 residents, and 4 fellows per year. The Department of Pediatric has 100 faculty members in over 15 pediatric subspecialties and 18 residents per year.

Our 479-bed hospital is located at the University of Arizona Health Sciences at the University of Arizona in Tucson, Arizona. The Diamond Children's Hospital has 36 general beds, Level 3 NICU, Pediatric ICU and level 2 pediatric trauma center. BUMC-T is certified as a Primary Stroke Center (with application under review for Comprehensive Stroke Center Certification) and is designated as the only Level I trauma center in Southern Arizona.

BUMC-T is nationally recognized for providing exceptional patient care, teaching new health care professionals, and conducting groundbreaking research through the physician-scientists of the University of Arizona College of Medicine.

The qualified candidate will receive a faculty appointment with the University of Arizona commensurate with their

ARIZONA continued

credentials as Assistant/Associate/Full Professor. Tenure eligibility available.

Features of this position include:

- Shared call coverage (at 1:5-6 with Banner University and community pediatric neurologists)
- Training/supervision of fellows, residents and medical students
- Will be expected to see patients in both the ambulatory and inpatient setting
- Banner Health and the University of Arizona Health Network have come together to form Banner University Medicine, a health system anchored in Phoenix and Tucson that makes the highest level of care accessible to Arizona residents. At the heart of this partnership is academic medicine - research, teaching, and patient care across three academic medical centers.
- Banner University Medicines Total Compensation package includes:
- Salary base plus incentives
- Relocation assistance
- Paid malpractice
- Paid CME plus allowance
- Excellent benefit package options that provide security for you and your family with 401k retirement plan with 4% match after one year of service

Please submit your CV for immediate consideration, to:

doctors@bannerhealth.com and joannaw@neurology.arizona.edu

For questions, please call/email, Joanna Wilson at 520/626-2006, joannaw@neurology.arizona.edu

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.

CNS PERSONNEL REGISTRY

CALIFORNIA

CORTICA – PEDIATRIC NEUROLOGISTS

SEE AD AT RIGHT.

CHILD NEUROLOGY OPENING FOR NEW AUTISM CENTER IN ORANGE COUNTY, CA

We're seeking a Board Eligible/Board Certified Child Neurologist with an interest in and passion for taking care of children with autism in a multidisciplinary setting. This is an exciting opportunity to aid in the growth and development of the new Thompson Autism Center at CHOC Children's opening in fall 2019.

The ideal candidate will be a self-starter and collaborative team player who is committed to growing and developing their diagnostic and treatment skills to help children with autism. We're seeking someone with a passion for teaching residents and fellows as well as expanding autism awareness within families and the community. An interest in clinical research is also desired.

CHOC Children's and the William and Nancy Thompson Family Foundation (Thompson Family Foundation) recently unveiled a new collaboration that expands the region's capacity to serve children with autism spectrum disorders (ASD) and their families. The Thompson Autism Center at CHOC Children's, named in honor of a $10 million founding gift, will be devoted to evaluating children as early as possible to promote better outcomes; engaging children whose behaviors diminish quality of life for them and their families; and establishing a long-term support system for children with complex care needs. The Center is set to open this year and will be located a few blocks from CHOC's main hospital campus.

This key physician will provide medical expertise to the Center's clinical program, working with a multidisciplinary team to diagnose, treat and provide patient care to pediatric patients suffering from Autistic Spectrum and related disorders. Job duties include development of a comprehensive treatment plan that includes specialized consultative services for children, adolescents and young adult patients with behavioral programs related to ASDs; supervision of nurse practitioners, postdoctoral fellows and other team members as assigned by Division Chief; participation in weekly multidisciplinary care rounds to review complex cases; delivery of presentations on ASD and Center-related information to families, community organizations, schools, national organizations, physicians and potential donors; and diagnosis of patients using the appropriate assessments, guidelines and standards of care in determining and evaluating extent of ASDs and other neurological disorders that may mimic ASD. The physician will fully participate in medical student and residency training programs, initiate and participate in basic and clinical research activities, publish original and review manuscripts in medical and scientific literature.

You will join the thriving practice at CHOC Children's Specialists in Orange County, California. A private pediatric subspecialty group, CHOC Children's Specialists is composed of more than 180 physicians and 20 pediatric subspecialties. The team at The Thompson Autism Center will include pediatric neurologists, developmental and behavioral pediatricians and child psychiatrists. Recognized as one of the best children's hospitals in six specialties by U.S. News & World Report (2019-2020) and a 2016 Leapfrog Top Hospital, CHOC Children's is exclusively committed to the health and well-being of children through clinical expertise, advocacy, outreach and research that brings advanced treatment to pediatric patients.

In 2018 alone, CHOC Children's opened the region's first pediatric mental health inpatient center that will deliver vital mental health services for children, adolescents and young adults and brought a breakthrough drug (Brineura) to the hospital to fight Batten Disease, a rare disease of the nervous system. In November, CHOC received for the third time a gold-level Beacon Award for Excellence in the pediatric intensive care unit (PICU); and attained once again Magnet recognition in recognition for nursing excellence.

This position offers the incomparable opportunity to reside in Orange County, California. One of California's most desirable areas, Orange County is home to more than 40 miles of coastline and iconic

cities like Huntington Beach, Newport Beach, Laguna Beach, Dana Point and San Clemente. Conveniently located less than an hour's drive from Los Angeles and 90 minutes

from San Diego, Orange County enjoys a year-round average temperature of over 70 degrees and 278 days of sunshine annually, along with easy access to Disneyland and Knotts Berry Farm, world-class shopping and dining, plenty of sports and recreational offerings, and several top-notch educational institutions.

For complete details and confidential consideration, please contact Glenda Church Smith, Principal, Pediatric Search Partners at Glenda@pediatricsearchpartners.com or call 877/440-3832 or text to 214/850-3094.

PEDIATRIC NEUROLOGY AND EPILEPTOLOGY OPENINGS WITH ONE OF THE NATION'S LARGEST PEDIATRIC HEALTHCARE NETWORKS

Ranked as one of the nation's Best Children's Hospitals in five specialties by U.S. News & World Report in 2019-2020, we are seeking Board Eligible and Board Certified Child Neurologists and those with additional fellowship training in Clinical Neurophysiology to join the growing team at one of the nation's largest pediatric healthcare networks, Valley Children's Healthcare, in Madera, California.

At Valley Children's main campus, you'll love working at this state-of-the-art, 330-bed free-standing children's hospital named One of the 20 Most Beautiful Hospitals in 2018 by Soliant. The setting is a 50-acre campus on the idyllic bluffs of the San Joaquin River, with the majestic Sierra Nevada Mountains in the background. With a service area of 12 counties and more than 1.3 million children, the Pediatric Neurology Practice at Valley Children's has a team of six board certified neurologists and epileptologists managing and treating a variety of patients including epilepsy disorders, neuromuscular disorders and spasticity. Valley Children's is accredited by the National Association of Epilepsy Centers as a level 4 epilepsy center.

In addition to the main campus in Madera, Valley Children's has opened two new state-of-the-art facilities, Eagle Oaks Medical Office Building in Bakersfield, located just an hour and a half from Los Angeles, which opened in October 2018; and Pelandale Medical Office Building in Modesto, situated an hour and a half from San Francisco, which opened in February 2019. We are seeking physicians for continued growth and expansion at these locations as well.

Valley Children's network spans one of the most scenic and geographically diverse areas of the United States. It's an outdoor lover's paradise! You'll be in the enviable position of having three National Parks in your backyard: Yosemite, Kings Canyon and Sequoia. The area is within one to three hours of the stunning Pacific coast, the Napa and Sonoma wine regions and the majestic Sierra Nevada Mountains, plus the San Francisco, San Jose and Los Angeles metropolitan areas. Lake Tahoe is about a four-hour drive away. Whether you prefer the snow, the sun or the sand, it's all within your reach. And with

Cortica™
Advanced Therapies for Autism and Neurodevelopment

Cortica is hiring full-time **Pediatric Neurologists** across California and plans on expanding to other major cities in the Western US beginning next year. Current openings include Pediatric Neurologist opportunities in San Diego, Los Angeles, Ventura, the Bay Area and Orange County. Cortica is a growing healthcare organization pioneering a unique, multi-specialty approach to care for children with neurodevelopmental disorders. Our medical centers are high-energy, collaborative environments that bring together world-class clinicians who are passionate about serving this growing population.

Our clinical services span:

Child neurology (including metabolism and genetics), neuromodulation therapy (trans-cutaneous vagus nerve stimulation & transcranial magnetic stimulation), EEG, functional medicine, nutrition, and family counseling, as well as speech, occupational, physical, music, and behavior therapy.

Why Cortica?

These unique opportunities offer you the chance to:

- Lead a multi-disciplinary team in a highly innovative environment.
- Collaborate with leading physicians and researchers who bring deep expertise in autism and other neurodevelopmental differences.
- Create novel approaches and platforms for integrative care that allow children with developmental differences to live their best lives.

You'll work in a growing organization with a progressive culture. We offer excellent compensation packages. These roles do not require call or weekend shifts.

For more information
please contact Dave McMichael at
dmcmichael@corticacare.com or apply
at: **www.corticacare.com/careers**

CALIFORNIA continued

so much varied geography, you'll also find hiking and biking trails, kayaking, fishing, local wineries, farm stands and festivals, gourmet cuisine, and so much more.

Additionally, you will find warm, welcoming communities that provide a great place to live and work, affordable homes, excellent schools and a strong financial compensation package, including relocation and signing bonus.

For complete details and confidential consideration, please contact Glenda Church Smith, Principal, Pediatric Search Partners via email at glenda@pediatricsearchpartners.com or call 877/440-3832 or text to 214/850-3094.

CHILD NEUROLOGISTS

The Division of Pediatric Neurology at Loma Linda University Health is seeking a full-time academic child neurologist with a strong interest in neurodevelopmental disabilities at the assistant or associate professor level who is BE/BC in Neurology with Special Qualification in Child Neurology. The Division has 14 pediatric neurologists (4 are epileptologists) and 7 neuropsychologists, is part of the Department of Pediatrics (~180 attendings; ~100 pediatric residents; 1 child neurology resident). The Children's Hospital has ~300 beds including a 16 bed ED, 25 bed PICU, 24 bed Intermediate Care Unit, 90 bed NICU and 140 additional beds. The Child Neurology division has four clinical services (ward, consult, inpatient epilepsy, and outpatient EEG). We have a full array of child neurology subspecialty clinics for the following conditions: Comprehensive Epilepsy Team Center, Tuberous Sclerosis, Muscular Dystrophy, Multiple Sclerosis, Pediatric Autoimmune Encephalitis; Cerebral Palsy and Movement Disorders, Traumatic Brain Injury, Pediatric Stoke; Neurofibromatosis; Headache and Chronic Pain, and Sleep Disorders. We have strong genetics, pediatric neurosurgery, neuroradiology, orthopedic and rehabilitation medicine services and active training programs in adult and child neurology. There is a well-established Pediatric NeuroAssesment Program that evaluates children with neurodevelopmental disorders and an Autism Assessment Center which provides specialized transdisciplinary comprehensive assessments. We are interested in a child neurologist, who will do inpatient and outpatient general child neurology, spend approximately 50% of their time working with children with NDDs and oversee the Developmental and Behavioral Pediatrics Residency rotation.

If interested, please contact Dr. Stephen Ashwal, Chief, Division of Pediatric Neurology (sashwal@llu.edu).

PEDIATRIC EPILEPSY FELLOWSHIP

Children's Hospital Los Angeles, part of the USC Keck Medical System, is pleased to announce openings for our ACGME-accredited pediatric epilepsy fellowship for Academic Years 2020-21. Our group has considerable clinical and neurophysiologic resources. We have 5 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. We have a large VNS program and are initiating pediatric RNS. We follow over 100 children on either ketogenic diet or modified Atkins diet with the help of two full time dietitians. We have a robust epilepsy drug study program with over 10 active studies. CHLA has an active outpatient EEG lab, a dedicated pediatric EMU, and neuro-critical care EEG monitoring. Our Comprehensive Epilepsy Clinic includes an Epilepsy Surgery Clinic, Diet Therapy Clinic, Epilepsy Genetics Clinic and New Onset Seizure Clinic. All fellows have the opportunity to participate in a research projects during their fellowship mentored by one of our epileptologists. We have a strong epilepsy genetics lab with all genetic testing now done in house at CHLA.

Being the largest Children's Hospital in Los Angeles, we serve a diverse population and see the full spectrum of pediatric epilepsy.

For more information please contact: Dr. Deborah Holder, Program Director at dholder@chla.usc.edu, or visit our website at https://www.chla.org/fellowship/epilepsy-fellowship.

FULL TIME PEDIATRIC NEUROLOGIST FOR LARGE PUBLIC HEALTH AND HOSPITAL SYSTEM IN SILICON VALLEY

Better Health for All
Santa Clara Valley Medical Center (SCVMC), a large public teaching hospital, affiliated with Stanford University School of Medicine, in San Jose CA, is seeking a full-time BC/BE pediatric neurologist to join our dynamic Department of Pediatrics.

We offer the unparalleled opportunity to gain the long-term personal and professional satisfaction of serving our patients and our diverse community, while teaching the next generation of health care providers, in one of the best places to live in the United States.

About the Organization
Santa Clara Valley Health and Hospital System (SCVHHS) is the second-largest County-owned health and hospital system in California and is committed to improving the health of the 1.8 million people of Santa Clara County. As an integrated health care system, SCVHHS includes a 574-bed central hospital (SCVMC), a large primary care network comprised of nine health centers throughout the County (including our newest center in downtown San Jose, which opened in 2016), a broad-range of specialty services in our Valley Specialty Center, a large behavioral health department, public health, EMS, and Valley Health Plan.

SCVMC itself hosts five residency training programs and partners with Stanford University Medical Center for the training of residents and fellows in many Stanford-based specialties. SCVMC also features a Level 1 Trauma Center, Burn Center, Primary Stroke Center, and a CARF-accredited Rehabilitation Center. Owing to its geographic location and specialty offerings, SCVMC not only serves the County, but also the larger region.

Providers in our health system also have the unique opportunity to use our integrated electronic health record (Epic), which brings together system-wide patient information. Recently, the Health Information Management Systems Society (HIMSS) recognized SCVMC for achieving its highest level of success (Stage

7), based on our continuous innovation and optimization of our inpatient and outpatient EHR.

About the Community
SCVMC is located in San Jose, California in the heart of Silicon Valley, offering a diverse choice of cultural, recreational, and lifestyle opportunities. Our physicians live in a range of communities, including urban (e.g., San Francisco), university (e.g., Palo Alto), high tech (e.g., many cities of Silicon Valley), mountain (e.g., Los Gatos), beach (e.g. Santa Cruz), and rural/agricultural (e.g., Gilroy). Situated in one of the most desirable regions of the country only 45 minutes from the Monterey Bay and three hours from the Sierra Nevada our physicians enjoy a very high quality of life.

About the Department of Pediatrics
Our Department of Pediatrics has a busy 40-bed Pediatric Ward, 12-bed PICU, 40-bed level IV NICU, 170,000 outpatient visits per year, and is a key training site for Stanford medical students and pediatrics residents. Physicians who join our Department of Pediatrics are pleased to find a very collegial work environment, with robust specialty and ancillary support and an integrated electronic health record (Epic).

About the Position
The ideal candidate will be competent in the treatment of epilepsy and interpreting pediatric EEGs. The ability to treat sleep disorders is also desirable.

About Compensation and Benefits
We offer competitive compensation, generous comprehensive benefit package (including 53 days of leave per year), paid malpractice, vibrant professional environment, opportunity for career growth, and the opportunity to serve a multicultural patient population. SCVMC is an Equal Opportunity employer.

If you are interested in joining a practice with unparalleled personal and professional advantages, then please submit your letter of interest and CV to Roya Rousta at MD.recruitment@hhs.sccgov.org.

CNS PERSONNEL REGISTRY

CONNECTICUT

PEDIATRIC NEUROLOGIST

The Department of Pediatrics at Yale School of Medicine is seeking an outstanding pediatric neurologist to join the Section of Pediatric Neurology. Serving the Connecticut Shoreline from New York to New London, our section provides state of the art neurological services with our physicians supported by a dedicated nursing staff, clinical psychologists and social workers. The Section of Pediatric Neurology has 12 faculty members, supplemented by 2 APRNs, with leading programs, including multidisciplinary clinics in neuro-oncology, muscular dystrophy, spina bifida, movement disorders, epilepsy, neuro-immunology, fetal neurology, neurodevelopmental disabilities, and headaches. The section is now seeking an additional pediatric neurologist with interest in brain tumors, stroke, or another subspecialty. The Pediatric Neurology service has repeatedly been ranked by *U.S. News and World Report*.

The successful applicant will be appointed at a Yale Medical School rank commensurate with their level of qualifications and experience on the Clinical Track. Requirements include a tract record of providing exceptional patient care, an MD or DO degree; eligibility for medical licensure in the State of Connecticut; and board eligibility or certification by the American Board of Psychiatry and Neurology in Neurology with Special Qualification in Child Neurology.

A generous benefits package includes tuition remission for qualified dependents. To be eligible for university sponsorship of an H1B visa, graduates of foreign (non-US.) 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.

Interested applicants should submit Curriculum Vitae, Cover Letter and a list of 3 References to: http://apply.interfolio.com/59955

Please address inquiries, to Nigel Bamford, MD, Search Committee Chair and Chief of Neurology, Department of Pediatrics, PO Box 208064, New Haven, CT 06520, email: nigel.bamford@yale.edu.

Yale University is an equal opportunity, affirmative action employer. Women, minorities, persons with disabilities and protected veterans are encouraged to apply.

This position will remain open until filled.

CNS PERSONNEL REGISTRY

DISTRICT OF COLUMBIA

PEDIATRIC NEUROLOGIST/ EPILEPTOLOGIST

MedStar Georgetown University Hospital (MGUH) seeks a Pediatric Neurologist/ Pediatric Epileptologist to join our growing pediatric neurology service based in a multidisciplinary clinical, academic and research environment. The individual selected will provide patient care, teaching and consultative services in both an ambulatory and inpatient setting and join a collaborative team of clinicians specializing in epilepsy, stroke, neurogenetics, as well as sleep medicine.

Our division works closely with MedStar Georgetown's Neurosciences Center of Excellence which is home to MGUHs Epilepsy Center, the first Level Four Epilepsy Center in Washington, DC. Current pediatric service lines include general child neurology, epilepsy, pediatric stroke and rehabilitation, neuromuscular and neurodegenerative disorders, movement disorders, and sleep disorders. Physician will oversee bedside long-Term EEG monitoring, routine EEG and Video EEG monitoring. If appropriate for level of experience, intraoperative neurophysiologic monitoring is also available.

Position includes faculty appointment at Georgetown University commensurate with experience, opportunity for teaching and research along with competitive compensation and a generous benefits package.

Qualified candidates must hold a MD/ DO degree and be Board Certified/

DISTRICT OF COLUMBIA
continued

Board Eligible in Pediatric Neurology. For the Epilepsy Position, board certification is required. Candidate must be able to obtain medical licensure in Washington, D.C. and Maryland and possess demonstrated clinical expertise in pediatric neurology and epilepsy. Strong interpersonal skills and the ability to work collaboratively with other professionals to advance clinical programs is essential.

As the largest healthcare provider in Maryland and the Washington, D.C., region, MedStar Health's programs and services are recognized regionally and nationally for excellence in medical care. With 10 hospitals, the MedStar Health Research Institute, and MedStar Medical group and urgent care centers, our 30,000 associates and 6,000 affiliated physicians proudly care for more than half-million patients each year across the region. MedStar Georgetown University hospital is a not-for profit, acute-care teaching and research hospital with 600 beds located in the heart of the Nation's capital.

Visit us at http://www.medstargeorgetown.org

MGUH is an Equal Opportunity Employer.

CVs may be sent to friedenn@gunet.georgetown.edu

GENERAL CHILD NEUROLOGIST

The Division of Child Neurology, Children's National Health System, seeks three child neurologists at the assistant or associate professor level to join our expanding clinical programs. The Divisions of Child Neurology, Epilepsy, and Neurophysiology have over 30 child neurologists in several subspecialty programs, including, neuromuscular disorders, epilepsy neuro-oncology, neurogenetics, movement disorders, neuro-immune diseases, white matter, phacomatoses, neonatal, intensivist, stroke, headache, and concussion all with a mission of excellence in clinical care, education, and neuroscience research. The candidate must be board certified in neurology with special qualifications in child neurology. Primary responsibilities at suburban satellite offices, including Pediatric Specialists of Northern Virginia and, the Main Campus.

Interested candidates should send a CV to:
William D. Gaillard, MD
Division Chief, Child Neurology, Neurophysiology, and Epilepsy
Children's National Medical Center
wgaillar@childrensnational.org

Also available to meet during the Child Neurology Society Meeting

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CHILD NEUROLOGIST/ NEUROPHYSIOLOGIST/EPILEPSY

The Division of Child Neurology, Children's National Health System seeks a child neurologist at the assistant or associate professor level to join our expanding epilepsy and clinical neurophysiology program in DC, VA, and MD. The Divisions of Child Neurology, Epilepsy, and Neurophysiology have over 30 child neurologists, including ten neurophysiologists/epileptologists, in several subspecialty programs - epilepsy, neuromuscular disorders, neuro-oncology, neurogenetics, movement disorders, neuro-immune diseases, white matter, phacomatoses, neonatal, stroke, headache, and concussion all with a mission of excellence in clinical care, education, and neuroscience research. The candidate must be board certified/eligible in neurology with special qualifications in child neurology. In addition, the candidate must have completed fellowship training, hold boards/or be board eligible, in epilepsy or clinical neurophysiology. Responsibilities will be in Main Campus, Northern Virginia, and suburban satellite offices.

Interested candidates should send a CV to:
William D. Gaillard, MD
Division Chief, Child Neurology, Neurophysiology, and Epilepsy
Childrens National Medical Center
wgaillar@childrensnational.org

Also available to meet during the Child Neurology Society Meeting

CNS PERSONNEL REGISTRY

FLORIDA

JOE DIMAGGIO CHILDREN'S HOSPITAL – MEDICAL DIRECTOR, PEDIATRIC NEUROLOGY

SEE AD BELOW.

PEDIATRIC NEUROHOSPITALIST, JOHNS HOPKINS ALL CHILDREN'S HOSPITAL IN ST. PETERSBURG, FLORIDA

Johns Hopkins All Children's Hospital (JHACH) in St. Petersburg, Florida is recruiting two pediatric neurohospitalists for our rapidly expanding Child Neurology Program. Our 259-bed teaching hospital has been ranked once again as a U.S. News & World Report Best Children's Hospital in multiple pediatric specialties (2019-2020). JHACH is the only US hospital outside the Baltimore/ Washington, D.C. location that is part of the Johns Hopkins Medicine family. This is an employed position with All Children's Specialty Physicians, a growing group practice that includes more than 200 physicians. Pediatric neurohospitalists will work a schedule of 7 days on - focusing solely on neurology admissions and/or consultations - followed by 7 days off. The following week entails seeing follow-up patients in the continuity clinic. We seek a well-trained child neurologist who is comfortable providing a wide spectrum of pediatric neurology care including EEG.

As members of the Johns Hopkins All Children's Institute for Brain Protection Sciences, our pediatric neurologists also regularly 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 and provide state-of-the-art care for children with injuries or illness that can affect the brain. The new $100 million Research and Education Building houses our graduate medical education and simulation programs, as well as an expanded biorepository. It has been designed to promote education and research collaboration with our other core institutes: Heart, Maternal, Fetal & Neonatal, and Cancer & Blood Disorders. Members of the faculty consistently

participate in the education of Neurology and Pediatrics residents and our new 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 may be eligible for an academic appointment at Johns Hopkins University School of Medicine (academic rank is open and commensurate with experience).

We offer a competitive salary and benefits package including medical malpractice insurance with tail insurance, relocation assistance, paid vacation, paid time and expenses for CME, 403(B) retirement plan, pension plan, short and long-term disability coverage, life insurance and health benefits.

The Tampa-St. Petersburg area offers year-round sunshine, abundant cultural and recreational activities, national sports venues, excellent schools and an affordable cost of living. We are centrally located to many of Florida's amenities, only minutes from beautiful gulf beaches, 90 minutes from Orlando and four hours from Miami.

To learn details, please contact:
Joe Bogan
Providence Healthcare Group
817/424-1010 (direct)
jbogan@provdoc.com

PEDIATRIC NEUROLOGIST – DIRECTOR OF PEDIATRIC EPILEPSY SERVICES

As one of the nation's leading pediatric health care systems, Nemours is committed to providing all children with their best chance to grow up healthy. We offer integrated, family-centered care to more than 300,000 children each year in our pediatric hospitals, specialty clinics and primary care practices in Delaware, Florida, Maryland, New Jersey and Pennsylvania. Nemours strives to ensure a healthier tomorrow for all children even those who may never enter our doors through our world-changing research, education and advocacy efforts. At Nemours, our Associates help us deliver on the promise we make to every family we have the privilege of serving: to treat their child as if they were our own.

Nemours Children's Hospital in Orlando seeks to recruit an established academic clinician to help lead our successful and growing Pediatric Epilepsy Program.

This key position represents an outstanding opportunity to help facilitate the continued growth phase of Nemours in Central Florida. The Division of Neurology's new member will closely collaborate with the Division Chiefs of Neurology and Neurosurgery, as well as the existing Division staff to build a robust clinical and academic Center of Excellence in the field of Pediatric Epilepsy diagnostics, treatment and research.

Physician candidates must be eligible for unrestricted Florida License, have completed a Pediatric Neurology fellowship and be Board Certified in Pediatric Neurology. Call will be for Pediatric Neurology service only, with no adult call.

Interested candidates should send their formal CV to:
Brian Richardson, Senior Physician Recruiter
brichard@nemours.org

Nemours is an internationally recognized, multi-site pediatric healthcare system that is 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.

Located in Orlando, Fla., Nemours Children's Hospital is the newest addition to the Nemours integrated healthcare system. Our 100-bed pediatric hospital also features the areas 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.

Our dedication to professionals who are dedicated to children frequently earns Nemours a spot on the list of top

FLORIDA continued

workplaces in the communities we serve. Our Associates enjoy comprehensive benefits, including our unique Bridge to a Healthy Future pediatric health plan, an integrated wellness program, opportunities for professional growth, and much more. As an equal opportunity employer, Nemours focuses on the best-qualified applicants for our openings.

For more information and to apply, please visit: https://nemours.wd1.myworkdayjobs.com/en-US/careers_at_nemours/job/Orlando-FL/Pediatric-Neurologist---Director-of-Pediatric-Epilepsy-Services_25223

DIVISION CHIEF, PEDIATRIC NEUROLOGY

As one of the nation's leading pediatric health care systems, Nemours is committed to providing all children with their best chance to grow up healthy. We offer integrated, family-centered care to more than 300,000 children each year in our pediatric hospitals, specialty clinics and primary care practices in Delaware, Florida, Maryland, New Jersey and Pennsylvania. Nemours strives to ensure a healthier tomorrow for all children even those who may never enter our doors through our world-changing research, education and advocacy efforts. At Nemours, our Associates help us deliver on the promise we make to every family we have the privilege of serving: to treat their child as if they were our own.

The Division of Neurology at Nemours Children's Hospital is currently seeking a Division Chief. We are excited to welcome an experienced pediatric neurologist with academic interests and/or operational management experience. Individuals who are either enthusiastic about general pediatric neurology with a wide spectrum of interests, or who practice a range of subspecialty interests, including epilepsy, headache, neuromuscular, and genetic/metabolic disorders, will find significant support for their practice.

This key position represents an outstanding opportunity to help facilitate the continued growth phase of Nemours in Central Florida. The Division Chief will work to build the division staff, with the goal of creating a robust clinical and academic Center of Excellence in the field of Pediatric Neurology.

Physician candidates must be eligible for unrestricted Florida License, have completed a Pediatric Neurology fellowship and be Board Certified in Pediatric Neurology. Call will be for Pediatric Neurology service only, with no adult call.

Interested candidates should send their formal CV to:
Brian Richardson, Physician Recruitment Manager
brichard@nemours.org

Our hospital is located in Lake Nona, a nationally recognized healthy community.

Nemours is a multi-site pediatric healthcare system that is built upon a centralized, efficient and collaborative infrastructure committed to improving the health of all children. We offer integrated, family-centered care to more than 300,000 children each year in their pediatric hospitals, specialty clinics and primary care practices in Delaware, Florida, Maryland, New Jersey and Pennsylvania. 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. This summer Nemours Children's Hospital welcomed our first pediatric residency class, with future plans for subspecialty programs.

Our dedication to professionals who are dedicated to children frequently earns Nemours a spot on the list of top workplaces in the communities we serve. Our Associates enjoy comprehensive benefits, including our unique Bridge to a Healthy Future pediatric health plan, an integrated wellness program, opportunities for professional growth, and much more. As an equal opportunity employer, Nemours focuses on the best-qualified applicants for our openings.

For more information and to apply, please visit: https://nemours.wd1.myworkdayjobs.com/en-US/careers_at_nemours/job/Orlando-FL/Division-Chief--Pediatric-Neurology_27343

BE/BC CHILD NEUROLOGIST

Largest private practice pediatric neurology group in Palm Beach and The Treasure Coast seeking 5th Child Neurologist to join our busy, growing practice that includes 3 experienced APRN's. Well established practice in the area for 20 years. We have 4 office locations and serve several surrounding counties. Florida has fantastic yearround weather, beautiful beaches, cultural diversity, NO- state taxes, excellent schools and affordable real estate. Our practice offers a great work environment, cross coverage, generous vacation/sick PTO, 401k, malpractice insurance, health/dental, annual CME allowance, competitive salary and incentives. Research and teaching opportunities available. Our group values family time and a quality lifestyle. We dictate our schedules. Office is very efficient and maximizes your time spent working. Come see why this is the ideal Florida position for you.

Please send CV to Rosa.Liu@pedineurologists.com. Please do not apply through website.

MEDICAL DIRECTOR, CHILD NEUROLOGY, PALM BEACH, FLORIDA

Joe DiMaggio Childrens Hospital (JDCH) is seeking an experienced pediatric neurologist to lead the pediatric neurology division based in Wellington, FL. The selected physician will work out of the newly constructed JDCH Pediatric Specialty Center Wellington, which recently opened in February 2019. All candidates should be board certified in neurology with special qualification in child neurology and have a minimum three years post-training experience. Though not required, those with additional sub-specialty fellowship training in clinical neurophysiology, epilepsy, movement disorders or stroke are encouraged to apply. Research initiatives will be fully and actively supported through the Office of Human Research, though this is not a requirement of the position. The physician will join seven other employed pediatric neurologists. The opportunity

to rotate through JDCHs main campus in Hollywood, FL is a possibility.

The 30,000-square-foot JDCH Pediatric Specialty Center – Wellington is home to offices for a variety of pediatric specialists offering services to local patients in need of additional specialists. Services offered include, but are not limited to, orthopaedics (sports medicine and surgery), neurology, otolaryngology, general surgery, endocrinology and pulmonology. Physicians are part of the hospital-employed Memorial Physician Group at JDCH.

This is a full-time employed position with the multispecialty Memorial Physician Group. The position offers competitive benefits and a compensation package that is commensurate with training and experience. Professional malpractice and medical liability are covered under sovereign immunity.

ABOUT JOE DIMAGGIO CHILDRENS HOSPITAL

Joe DiMaggio Childrens Hospital (JDCH) opened in 1992 and has grown to be the leading childrens hospital in Broward and Palm Beach counties. With 226 beds, an 84-bed Level II and III NICU, 30-bed PICU and 12-bed intermediate care unit, JDCH combines leading-edge clinical excellence with a child- and family-friendly environment that emphasizes the Power of Play. JDCH offers a comprehensive range of healthcare services delivered with kindness, dedication and compassion. JDCH is located in South Florida, a region with a high quality of life including year-round summer weather, exciting multiculturalism and no state income tax that attracts new residents from all over the country and around the world.

TO SUBMIT YOUR CV

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

CNS PERSONNEL REGISTRY

GEORGIA

PEDIATRIC NEUROLOGIST

The Department of Neurology at the Medical College of Georgia Augusta University is seeking a Pediatric Neurologist to join our team. The Neuroscience Center of Excellence at the Medical College of Georgia at Augusta University offers expert patient care in a variety of Neurological and Neurosurgical subspecialties, a Neurocritical Care Unit, a comprehensive stroke program accredited by the Joint Commission of Healthcare Organizations, a National Association of Epilepsy level 4 center and a 6 bed epilepsy monitoring unit in the Children's Hospital of Georgia.

This position will provide patient care in our out-patient pediatric Neurology clinic, attend in-patient rounds, provide call coverage, and offer oversight and mentorship for Neurology (Child) residents, fellows and medical students on rotation.

The ideal candidate will have completed an accredited Neurology residency program, completion of an accredited Child Neurology training program, and be board certified or board eligible in Neurology with a special qualification in Child Neurology. Academic appointment will be commensurate with experience.

Interested candidates should send a CV and brief statement of interest to:
Yong Park, MD
Professor
Department of Neurology
ypark@augusta.edu

Augusta University is an equal employment, equal access, and equal educational opportunity and affirmative action institution. Also, Augusta University is a federal contractor and desires priority referrals of protected veterans. It is the policy of the University to recruit, hire, train, promote and educate persons without regard to age, disability, gender, national origin, race, religion, sexual orientation or veteran status.

CNS PERSONNEL REGISTRY

ILLINOIS

PEDIATRIC EPILEPSY FELLOWSHIP 2020-2021

The Pediatric Epilepsy Program at Ann & Robert H. Lurie Children's Hospital of Chicago is one of the ACGME-accredited fellowship programs at McGaw Medical Center of Northwestern University along with Clinical Neurophysiology, Sleep and Neuromuscular Medicine. There are 2 positions per year to train board certified/eligible child neurologists in the field of clinical pediatric epilepsy and electroencephalography. Fellows spend 10-11 months in pediatric epilepsy and 1-2 months in adult epilepsy. Trainees develop an expertise in pediatric epilepsy by participating in inpatient consultations as well as outpatient epilepsy clinic, including subspecialty clinics (epilepsy and genetics, ketogenic diet clinic, tuberous sclerosis clinic, infantile spasms clinic, among others). During their year of training, they become proficient in electroencephalography (EEG) by reading and interpreting long term studies in the epilepsy monitoring unit, the routine EEG lab, the wards, and the neonatal and pediatric intensive care units. Fellows will also participate in epilepsy surgery work up, planning and management when appropriate. There are weekly didactic lectures and multidisciplinary meetings that fellows are expected to attend. Opportunities to participate in clinical research, development of abstracts to be presented at national meetings or publications are readily available and are expected during their training.

Application inquiries should be directed to Aurea Abad, fellowship coordinator at aabad@luriechildrens.org or Rebecca Garcia Sosa, MD, Epilepsy Fellowship Site Director at rgarciasosa@luriechildrens.org.

ILLINOIS continued

PEDIATRIC EPILEPSY GENETICS FELLOWSHIP

The Pediatric Epilepsy Genetics Fellowship training program at Ann & Robert H. Lurie Children's Hospital of Chicago is sponsored by the McGaw Medical Center of Northwestern University. We welcome applications from candidates interested in clinical training and research in pediatric epilepsy genetics. During this one-year, non-accredited advanced training program, the fellow will develop expertise in the recognition, evaluation and acute and long-term management of epilepsy genetic patients. In addition to clinical service in the Epilepsy Center, the fellowship training will include available rotations in the epilepsy monitoring unit and genetics clinics. The fellow will be required to devote substantial time and effort to clinical and translational research in epilepsy genetics, with a focus in the area of precision medicine. The successful candidate should be fully trained in Child Neurology and have completed ACGME fellowship training in epilepsy and/or clinical neurophysiology by the time the Epilepsy Genetics fellowship begins.

The Fellow will participate in multiple weekly specialty Epilepsy Genetics clinics. There is a weekly clinic focused on epilepsy genetic testing for established patients that is staffed by an epilepsy genetic counselor, attending epileptologist, and epilepsy APN. In addition, there are recurring subspecialty clinics for patients with epilepsy secondary to specific ion channel variants (such as KCNQ2, SCN2A, and SCN8A), Dravet syndrome, and other genetic-causes of epilepsy such as Angelman syndrome and Dup15q. The fellow will be responsible for new consultations in these clinics and involved in the inpatient/outpatient care of their patients with supervision from the subspecialty epilepsy attending physician. In addition, the Fellow will participate in weekly Epilepsy Genetic Testing Rounds, Multidisciplinary Team Meeting, Child Neurology Neurogenetics Conference, and Adult Epilepsy Genetics Conference. Seizure Focus is a bi-weekly translational research lecture series and forum. There is also a bi-weekly epilepsy lecture series, monthly epilepsy genetics journal club, and genetics lecture series. Finally, the Fellow will have advanced EEG training in the area of epilepsy genetics patients.

The second aim of the Epilepsy Genetics Fellowship is to produce clinical researchers who are skilled in clinical research techniques, competitive in seeking research support, and knowledgeable about the complex issues associated with conducting sound clinical research, particularly in translational and clinical epidemiologic patient-oriented research. Clinical research in Epilepsy Genetics, with a focus on Precision Medicine, is a requirement and there are ample opportunities and mentors within the Epilepsy Center and through collaborations with basic scientists located at the Stanley Manne Children's Research Institute, affiliated with Lurie Children's, and Northwestern University Feinberg School of Medicine. The Fellow will be expected to develop a primary research project to be completed and presented within the year, as well as be involved in ongoing collaborative research projects.

The successful candidate should be fully trained in Child Neurology and have completed ACGME fellowship training in epilepsy and/or clinical neurophysiology by the time the Epilepsy Genetics fellowship begins.

Northwestern University Feinberg School of Medicine seeks to attract inquisitive, motivated fellows and is committed to providing them with every opportunity for success. We encourage a diverse and inclusive work environment that allows each trainee to achieve their personal goals.

Contact:
Aurea Abad
aabad@luriechildrens.org
https://www.pediatrics.northwestern.edu/education/fellows/epilepsy

PEDIATRIC EPILEPSY FELLOW

The University of Chicago is now offering an ACGME-accredited fellowship position in Pediatric Epilepsy. The training position is for the period of July 2020 - June 2021. The programme is co-sponsored by the Department of Neurology and section of Child Neurology, the Department of Pediatrics. The programme includes training in Epilepsy Monitoring Unit (EMU), in-patient and out-patient clinical epilepsy, medical management, dietary treatment, epilepsy surgery evaluation, epilepsy monitoring, clinical neurophysiology, neuroimaging, and epilepsy-related clinical research. The fellow will spend approximately 11 months in Pediatric epilepsy and 1 month in Adult epilepsy.

The Pediatric Epilepsy fellow will have an opportunity to participate in in-patient epilepsy consultations, outpatient epilepsy clinic, including subspecialty clinics in intractable epilepsy, ketogenic diet, and tuberous sclerosis. During the year of training, the fellow will develop expertise in electroencephalography (EEG) in neonates, children, and adolescence and adult, electrocorticography (ECoG), intracranial monitoring, and medical and dietary management of epilepsy. The fellow will also participate in epilepsy surgery planning and management, ketogenic diet initiation and management, and epilepsy-related clinical research. The fellowship programme offers weekly didactic activities, including multidisciplinary epilepsy surgery conference, pediatric EEG conference, and epilepsy lecture series.

The Pediatric Epilepsy programme at the University of Chicago is housed under the section of Child Neurology, Department of Pediatrics. The programme is led by Dr Douglas R. Nordli Jr, Chief of Pediatric Neurology. The Pediatric Comprehensive Epilepsy Center at the University of Chicago is a designated NAEC Level IV and performs more than 1,000 EEG studies annually. The Pediatric Epilepsy programme has an active epilepsy surgery programme, including minimally invasive surgery with thermoablation, a thriving ketogenic diet programme, and a notable epilepsy research centre.

Application inquiries should be directed to Sandra Rose, MD, Epilepsy Fellowship programme director at srose1@neurology.bsd.uchicago.edu or Chalongchai Phitsanuwong, MD at cphitsanuwong@peds.bsd.uchicago.edu

For further information, please contact Chalongchai Phitsanuwong, MD at cphitsanuwong@peds.bsd.uchicago.edu

JOIN A GROWING PEDIATRIC SERVICE LINE AT A PHYSICIAN-LED HEALTH SYSTEM

Carle Physician Group is seeking an experienced BE/BC Pediatric Neurologist to join our established multispecialty pediatric practice.

Practice Opportunity Details Include:

- Level III Perinatal services and Level III Epilepsy Center accredited by the National Association of Epilepsy Centers (NAEC)
- 100% child neurology practice
- Call consists of only Pediatric Neurology patients
- Established sleep program
- Onsite MRI and CAT scanning equipment
- Referral base from more than 20 general Pediatricians
- Pediatric subspecialists include Critical Care, Surgery, Cardiology, Neurosurgery, Pulmonology, Gastroenterology, Genetics, Urology, Pediatric Psychologists, and Developmental-Behavioral
- 24-hour in-house coverage provided by Anesthesia, Intensivists, Trauma, and ED; Pediatric Hospitalist & PICU are available 24/7
- Dedicated Neonatal and Obstetric air and ground and Pediatric transport services
- Two Neurosurgeons (one is a BC Pediatric Neurosurgeon), a Neuro-ophthalmologist, six adult Neurologists, and two Neuropsychologists on staff

24-hour telephone nurse advisory system in place to help ease demands of call

- Flexible scheduling
- Experienced support staff
- Teaching and research opportunities are available with the University of Illinois College of Medicine and the Carle Illinois College of Medicine

Carle Illinois College of Medicine is the nation's first medical school focused at the intersection of healthcare and engineering

reyna.lute@carle.com

https://carleconnect.com/

CNS PERSONNEL REGISTRY

INDIANA

PEYTON MANNING CHILDREN'S HOSPITAL AT ST. VINCENT (INDIANAPOLIS) PEDIATRIC NEUROLOGIST

Peyton Manning Children's Hospital at St. Vincent is seeking a Pediatric Neurologist for our hospital in Indianapolis. Our ideal candidate will be comfortable with child neurology including epilepsy and inpatient and outpatient care.

Practice Highlights:

- Schedule: M-F 8am-5pm
- Call Schedule: 1 in 4 weeks, once every 4th night, 1:4 weekends
- Home to 300 Pediatric Specialists
- Largest level IV NICU and Pediatric ER in the state
- Opportunity to expand program and nationwide system referral base
- Full support of the world's largest catholic healthcare system
- The most specialized care in the state in one of the country's largest cities
- Physician-led organization
- Largest nonprofit health system in the country

St. Vincent offers a very competitive compensation package that includes: Competitive base salaries, Relocation allowance, CME, Comprehensive health benefits, Retirement savings plan (403b) with match, Malpractice with tail coverage and generous paid time off.

Peyton Manning Children's Hospital at St. Vincent is part of Indiana's largest not-for-profit health system with 22 ministries and over 3000 physicians. Features include: a free-standing tertiary care, pediatric hospital with 40 private inpatient beds and 6 short stay beds, staffed in-house 24/7 by our Pediatric Hospitalist group; a 23-bed PICU staffed 24/7 by Pediatric Intensivists; a 17-bed Pediatric Emergency department staffed 24/7 by Pediatric Emergency physicians; and Indiana's largest Level IV NICU with 96 beds staffed 24/7 by Neonatologists.

Interested?
Contact Seth Turner,
Physician Recruiter
317/338 6064 or
Seth.turner@ascension.org

PEDIATRIC NEUROLOGIST OPPORTUNITY AT BUSY NORTHERN INDIANA PRACTICE

Our pediatric multi-specialist team awaits you! Are you looking for the perfect work/life balance with above market comp and a $25k sign-on bonus? Beacon Children's Hospital Pediatric Multi-Specialty, a Beacon Health System practice, is seeking a BC/BE Pediatric Neurologist to join our existing Pediatric Neurologist to meet the demands of our busy and expanding children's services. The right candidate will participate in the key leadership role in the infrastructure and procedures utilized by the department. Qualified candidates will be an excellent clinician and a passionate patient advocate.

In 2017, Beacon Health System opened Beacon Children's Hospital, a NACHRI designated children's hospital since 2004. This brand new $49 million dollar addition to Memorial Hospital of South Bend is the regions only Children's Hospital that covers 15 counties and serves 31 hospitals. Beacon Children's Hospital has a 39 bed Level IIIB NICU including 9 NIC2 beds where post-partum moms can share a hospital room with their infant requiring NICU care (the first in the nation!), as well as a 12 bed PICU staffed by Pediatric Intensivists and a 23 bed general/subspecialty pediatric unit. Memorial Hospital of South Bend is the only Trauma Center in the region and Pediatric Trauma services are now available in collaboration with Cincinnati Children's Hospital. Pediatric multi-specialty coverage consists of neurology, behavioral/developmental peds, gastroenterology, C/A psychiatry, pulmonology/sleep medicine, infectious disease, and hematology/oncology.

Affiliation with Indiana University School of Medicine and Memorial Hospital Family Medicine Residency allows for teaching of medical students and supervision of post-graduate trainees on rotations of the pediatric patients.

Beacon Medical Group, a division of Beacon Health System, is the largest, most integrated medical group in the region, employing more than 250 physicians and 125 advanced practice

INDIANA continued

clinicians and representing over 35 different specialties throughout northern Indiana and southwestern Michigan.

For more details on Beacon Health System, please visit: beaconhealthsystem.org.

Beacon offers a market competitive salary and benefit package, including, but not limited to: Medical, Dental, and Vision Insurance Life Insurance Short/Long-term Disability Relocation Allowance CME Allowance 403(b) and 457(b) Retirement Savings Plans Paid Malpractice with Tail Coverage Student Loan Repayment Assistance

Beacon Health System locations span across north central Indiana and into southwest Michigan. It is one of the top 2% of hospitals nationwide to achieve a 5 Star CMS Hospital Rating and a AA- bond rating, placing Beacon in the top 10th percentile of health systems across the country. Our physicians and associates enjoy the vibrant surrounding communities which include Elkhart, LaPorte, Mishawaka and South Bend. Our area is home to several colleges, including the world-renowned University of Notre Dame, providing many options for athletic and cultural events. Combined with the Morris Performing Arts Center in South Bend and the Lerner Theatre in Elkhart, live entertainment is easy to find.

A big little town, South Bend is also home to the South Bend Cubs, a Class-A minor league baseball team. Parks, Potawatomi Zoo and numerous festivals offer family-friendly fun. Nearby, the sandy shores of Lake Michigan beckon with opportunities for camping, hiking or just relaxing. And, with Chicago just 90 minutes away by car or rail, options for weekend getaways are endless.

Contact:
Caren Foster
cjfoster@beaconhealthsystem.org
www.beaconhealthsystem.org

CNS PERSONNEL REGISTRY

LOUISIANA

DIVISION HEAD, PEDIATRIC NEUROLOGY NEW ORLEANS

We're seeking a Division Head of Pediatric Neurology to lead and grow the current team of five pediatric neurologists at Ochsner Hospital for Children in New Orleans, Louisiana. The successful candidate will be board certified in pediatric neurology and have the vision and communication skills needed to continue the growth of the division. Candidates with additional fellowship training in clinical neurophysiology are welcomed.

At Ochsner, you will find an incredibly exciting opportunity to join a rapidly growing pediatric team of more than 120 physicians, including subspecialists covering all medical and surgical fields. The group is the region's leading integrated provider of multispecialty care for infants, children, adolescents, and young adults offering a full range of pediatric services, including solid organ transplantation and pediatric cardiovascular surgery.

Ochsner Hospital for Children includes a 125-bed children's hospital within a hospital; a 54-bed Level IV NICU; a 14-bed Level I Pediatric Intensive Care Unit; a 12-bed CVICU, the only unit of its kind in the Gulf South dedicated to the care of children with cardiovascular and congenital heart defects; a 45-bed Pediatric Acute Care and a dedicated state-of-the-art center for child development, the only facility to offer this type of comprehensive care in the region under one roof.

Located in one of our most vibrant cultural cities, this nonprofit, academic, multi-specialty institution is the recipient of numerous awards, including Healthgrades Distinguished Hospitals for Clinical Excellence, which places Ochsner in the top 5 percent of U.S. hospitals for clinical outcomes.

New Orleans exudes a character all its own and offers a lifestyle that no other U.S. city can match. It's home to world-class music, dining and shopping. A city of neighborhoods, New Orleans is best traveled by foot, but you can also hop on one of the city's historic streetcars or join the growing legion of commuters by bicycle. NOLA's neighborhoods each have a distinct architectural flavor and include everything from traditional Antebellum style to historic bungalows and cottages to modern lofts. Professional football and basketball, gorgeous city parks, year-round festivals, prestigious academic centers and universities, and Southern hospitality await you.

If you're craving the beach, the Gulf shores of Alabama are about two and a half hours away by car; and the white sands of Pensacola, Florida, are just three hours away. It's easy to understand why residents take great pride in calling New Orleans their home. You'll fall in love the minute you set foot here, both personally and professionally.

If you are seeking an exceptional opportunity to join an organization that is growing throughout the Gulf Coast region, please contact Glenda Church Smith, Principal, Pediatric Search Partners for complete details at glenda@pediatricsearchpartners.com, or call directly at 877/440-3832.

PEDIATRIC NEUROLOGY AND EPILEPSY OPENINGS NEW ORLEANS

We're seeking board eligible and board-certified pediatric neurologists as well as those with additional fellowship training in clinical neurophysiology to join the team of five pediatric neurologists at Ochsner Hospital for Children in New Orleans, Louisiana.

At Ochsner, you will find an incredibly exciting opportunity to join a rapidly growing pediatric team of more than 120 physicians, including subspecialists covering all medical and surgical fields. The group is the region's leading integrated provider of multispecialty care for infants, children, adolescents, and young adults offering a full range of pediatric services, including solid organ transplantation and pediatric cardiovascular surgery.

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a hospital; a 54-bed Level IV NICU; a 14-bed Level I Pediatric Intensive Care Unit; a 12-bed CVICU, the only unit of its kind in the Gulf South dedicated to the care of children with cardiovascular and congenital heart defects; a 45-bed Pediatric Acute Care and a dedicated state-of-the-art center for child development, the only facility to offer this type of comprehensive care in the region under one roof.

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For complete details and confidential consideration, please contact Glenda Church Smith, Principal, Pediatric Search Partners at glenda@pediatricsearchpartners.com, or call directly at 877/440-3832.

CNS PERSONNEL REGISTRY

MARYLAND

PEDIATRIC NEUROLOGISTS

The University of Maryland School of Medicine, Department of Pediatrics, Division of Pediatric Neurology, is seeking two Assistant or Associate Professor level candidates to join our expanding Program. In addition to clinical skills and board eligibility or certification in Child Neurology, competitive candidates should have an interest in academic and/or research pursuits. Subspecialty expertise within the Division includes Neuro-Oncology and a renowned Children's Headache Program. The University of Maryland Children's Hospital has the only pediatric dedicated continuous Epilepsy Monitoring Unit in Maryland and identifying suitable candidates with additional training in Epilepsy is a major focus of this recruitment effort. We have recently expanded our critical care, cardiac, and neonatology services. Opportunities exist for growth within the areas of neonatal neurology, stroke, and neuromuscular disorders. An NIH funded program project grant on interventions for neonatal hypoxia-ischemia with or without inflammation is opening new opportunities for translational and/or preclinical research. Our Division of Behavioral and Developmental Pediatrics is also expanding, which will offer additional opportunities for collaboration.

The working environment for a Pediatric Neurologist at our institution is superb. The position offers opportunities for research partnerships with our colleagues in the Department of Neurology, which has a widely recognized program in Movement Disorders. Additional areas of excellence include the Neuromuscular, Stroke and Epilepsy Programs. There are opportunities to collaborate with experts in neuro-radiology, the Shock-Trauma Center and our Center for Stem Cell Biology and Regenerative Medicine. The position also offers exciting opportunities to work with faculty of the Neuroscience Graduate Program located on the Medical Campus, ideal for faculty who pursue clinical and/or basic science research.

We are located near the downtown Inner Harbor area, just one of Baltimore's many outstanding attractions. From fine arts and orchestras to professional sports teams, first-class dining and shopping to a wealth of historical sites, our city offers a full range of recreational and cultural opportunities. Washington, D.C., Philadelphia and New York City are within easy reach, as well as beaches to the east and mountains to the west. Educational excellence abounds, as do family-friendly neighborhoods and urban living options. Visit us online at www.ummsphysician.jobs to learn more.

Please refer to Position # 03-314-410

Interested applicants should submit a CV to this posting online, attention to:

Steven J. Czinn, MD, FAAP, FACG, AGAF
The Drs. Rouben and Violet Jiji Endowed Professor of Pediatrics and Chair, Department of Pediatrics, University of Maryland School of Medicine Physician-in-Chief University of Maryland Children's Hospital

Physicians requiring J1 or H1B waivers are welcome to apply

The University of Maryland, Baltimore is an Equal Opportunity/Affirmative Action Employer. Minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.

PEDIATRIC EPILEPTOLOGIST

The Herman and Walter Samuelson Children's Hospital at Sinai Hospital of Baltimore is looking for a Pediatric Epileptologist join its Division of Pediatric Neurology. In addition to skills in clinical child neurology, competitive candidates should have clinical subspecialty expertise in EEG interpretation, administrative experience, and teaching skills.
The Children's Hospital has 2 EMU rooms available. The position offers opportunities for collaboration with our colleagues in the Department of Neurology Brain and Spine program. There is an opportunity for an academic appointment at the assistant, associate, or full professor level.

The Pediatric Neurology practice is located on the modern campus of Sinai

MARYLAND continued

Hospital at Baltimore. The campus is ideally located in easy driving distance to the Baltimore Inner Harbor, National Aquarium, Baltimore Convention Center, Hippodrome Theatre, Orioles Park at Camden Yards and 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 rich cultural fabric and many unique recreational opportunities.

Website: http://www.lifebridgehealth.org/ChildrensHospital/TheHermanWalterSamuelsonChildrensHospi-talatSinai2.aspx

Contact: plazerow@lifebridgehealth.org

CNS PERSONNEL REGISTRY

MASSACHUSETTS

DIVISION CHIEF, CHILD NEUROLOGY

Baystate Children's Hospital is a 107-bed facility which provides complete critical care programs, including the regions only Pediatric Intensive Care and Neonatal Intensive Care Units, as well as pediatric inpatient services, child life specialists, a designated emergency room just for kids, and outpatient specialty services. Additionally, Baystate Children's Specialty Center houses 15 pediatric specialty services under one roof, with focus on care coordination, comfort and convenience for children and families. We offer an amazing, diverse culture that provides outstanding opportunities for physicians to start and advance their career.

We are seeking a Division Chief of Child Neurology to lead our neurology team at Baystate Children's Hospital.

Position Highlights

- The new Chief will have full institutional support to develop innovative approaches to enhance our inpatient consulting and busy outpatient program.
- Lead a team of two faculty child neurologists with an outstanding practice manager and support staff.
- Practice in our beautiful new state-of-the-art outpatient facility which is home to 15 pediatric specialties. Excellent hospitalist, genetics, neuroradiology and developmental-behavioral pediatrics collaboration. We have a comprehensive inpatient and outpatient neurophysiology service including routine EEG, ambulatory EEG and long-term video monitoring.
- Combination of clinical care and resident and medical student teaching with University of Massachusetts Medical School with faculty appointment commensurate with experience.
- Potential relationship with Boston Children's Hospital, Department of Neurology that supports the clinical and academic missions of both departments; opportunity for research collaboration and mentorship at Boston Children's Hospital
- Highly competitive compensation & benefits, bonus and student loan forgiveness available.

Qualifications:
Chief candidates will demonstrate excellent clinical and teaching skills, a track record of scholarly productivity in clinical pediatric neurology and/or education, and leadership potential. 5+ years experience is required.

The Pioneer Valley is a thriving area located in western Massachusetts and provides extensive access to urban, suburban and rural amenities. Anchored by the city of Springfield, our region boasts a myriad of opportunities for recreation, music, education and art enthusiasts. When you live and work in the Pioneer Valley, you will enjoy picturesque four-season living, excellent schools and year-round social and cultural events. In fact, Massachusetts was once again ranked #1 in Education nationally by U.S. News and World Report.

For more information please visit us online at: ChooseBaystateHealth.org or interact with us socially at facebook.com/BaystateCareers or on Twitter @BaystateCareers.

All correspondence can be directed to:
Dr. Charlotte Boney, Chair of the Department of Pediatrics
c/o Melissa Hale, Lead Senior Recruiter
Phone: 413/794-2624
Fax: 413/794-5059
Email: Melissa.Hale@baystatehealth.org

Reinventing healthcare takes courage. It takes collaboration. It takes you.

PEDIATRIC NEUROLOGIST

The successful candidate will be BC/BE in Pediatric Neurology, possess outstanding clinical skills, a strong interest in education, and must qualify for a faculty appointment in the Tufts University School of Medicine.

Floating Hospital for Children is the full-service children's hospital of Tufts Medical Center, located in downtown Boston and with partnerships in the community. Our 94-bed children's hospital offers pediatric inpatient and outpatient services in every medical and surgical specialty from general pediatric services to the care of the most complex medical conditions. Our focus and mission every day is to improve the lives of children and their families, by treating each child as if they are our own.

We are the principal children's hospital for Tufts University School of Medicine, where all our physicians hold faculty positions. Specialists from our children's hospital in Boston are among the most talented and highly trained professionals in the country. We conduct significant research and offer clinical trials for children.

Floating Hospitals services begin with the earliest stages of life in our Level III Newborn Intensive Care Unit and continue with the care of healthy and sick children from toddlers to adolescents. Through affiliations with community hospitals and physicians around Eastern Massachusetts, Floating Hospital's pediatric specialists and surgeons make their expertise available in numerous satellite specialty programs that are closer to home for children in outlying areas.

Competitive compensation with a comprehensive benefits package to include a generous employer contribution.

Interested candidates, please send your confidential CV to:
Jennifer Colon,Physician Recruiter
Tufts Medical Center Physician Organization
800 Washington Street, #1013
Boston, MA 02111
Fax: 617/636-7523
Email: jcolon1@tuftsmedicalcenter.org
www.tuftsmedicalcenter.org

Tufts Medical Center Physicians Organization is an EEO/AA employer.

CNS PERSONNEL REGISTRY

MICHIGAN

PEDIATRIC NEUROLOGY FACULTY POSITIONS AT MICHIGAN MEDICINE (THE UNIVERSITY OF MICHIGAN)

The Department of Pediatrics is seeking three faculty positions in the Division of Pediatric Neurology at the University of Michigan in Ann Arbor. These positions are flexible with regard to academic rank and track. Particular preference will be given to those with an interest in headache, general child neurology, epilepsy, and neuro-oncology.

The Division currently includes 17 faculty members with diverse clinical and scholarly interests.

The Pediatric Neurology Division at Mott Children's Hospital provides comprehensive diagnostic services and treatment for children with neurologic disorders. Clinics and inpatient care are provided at Mott Children's Hospital as well as several satellite clinics. The Division is supported by three nurse practitioners, three ketogenic dieticians, an epilepsy care coordinator, a pharmacist, nurses, and social workers. Our research assistants support both multicenter and local clinical research studies. Pain psychologists work closely with our headache patients. The University of Michigan provides outstanding environments for clinical care, for student and resident education, and for translational, health services, and basic research.

Candidates must be board certified or eligible for certification by the ABPN with Special Qualification in Child Neurology and must be US citizens or permanent US residents who are eligible for medical licensure in Michigan. The University of Michigan is an Affirmative Action / Equal Opportunity Employer.

Please contact Dr. Steven Leber (leber@med.umich.edu), Division Director, for additional information.

CNS PERSONNEL REGISTRY

MISSOURI

CHILD NEUROLOGY – JOIN ESTABLISHED PRACTICE

CoxHealth, a Top 100 Integrated Healthcare System, in Springfield, Missouri, is seeking a BE/BC Pediatric Neurologist with general neurology interests. This established practice will have 2 child neurologists and encompasses outpatient clinic, EEG readings and consultative hospital services at one hospital, Cox South. Position offers excellent compensation, comprehensive benefits program, sign on bonus & relocation allowance.

Contact:
Lori Matthews
lori.matthews@coxhealth.com
coxhealth.com

NEURODEVELOPMENTAL DISABILITIES PHYSICIAN

The Division of Child Neurology at Children's Mercy, Kansas City, is actively recruiting a board eligible/board certified Neurodevelopmental Disabilities physician. This position would consist of one day of clinic a week in our Tourette Syndrome Center of Excellence, one day a week as part of our Cardiac Neurodevelopmental Clinic, with the other three days to be determined based on the candidate's areas of interest and the needs of the Division.

Our Tourette Syndrome Center of Excellence is one of only nine in the country. This program consists of fourteen staff members including Neurology, Neurodevelopmental Disabilities, Child and Adolescent Psychiatry, Neurosurgery, Neuropsychology, Occupational and Family Therapies, two Neurology APRNs, a Nurse Coordinator, and 3 Neurology Clinic nurses. We are presently the only TAA Center of Excellence in the Midwest and attract patients from all over the United States. We have multiple active research studies that complement our expert clinical care.

Our Cardiac Neurodevelopmental Clinic is a vibrant program that began six years ago. This multidisciplinary program helps to care for children and adolescents affected by congenital heart disease. This program includes both inpatient and outpatient opportunities for patient care. Team members include neurology, neurodevelopmental disabilities, neuropsychology, a neurology APRN, cardiology, physical, occupational and speech therapies, psychology and social work. The Ward Family Heart Center is currently ranked #20 by *U.S. News and World Report.*

Our division is committed to clinical excellence, education, and research. We are currently ranked #23 by US News and World Report. We presently have 22 faculty and 13 child neurology APRNs. We have an active child neurology residency program that will be expanding to three residents a year. We have fellowship programs in Epilepsy and Headache Medicine. Our division has additional subspecialty programs for Epilepsy, Headache, Movement Disorders/DBS, Neuroimmunology, Neurogenetics, Neurofibromatosis, and Tuberous Sclerosis.

Children's Mercy has very competitive salaries and benefits, and excellent support for physicians and staff which results in high job satisfaction. We provide opportunities for faculty career development including support for research. This position will have a primary academic appointment at the University of Missouri Kansas City with the possibility of an academic appointment at the University of Kansas Medical Center.

Ahmed T. Abdelmoity, MD Division Director

Qualified candidates should submit their CV to physicianjobs@cmh.edu

EEO Employer/Disabled/VET

MISSOURI continued

CHILD NEUROLOGIST – JOPLIN, MO

Children's Mercy Joplin is seeing a board-eligible/certified child neurologist to join a growing group of 20 faculty in the Department of Pediatrics, Division of Neurology at Children's Mercy Kansas City.

The position is full time and would include coverage for the Joplin Children's Mercy clinic, with the possibility of later having outreach clinics in Springfield, M0.

- 80% Clinical care with average of 8 half day (4 hour) clinics per week
- 20% Administrative, research, teaching, and service
- Admitting privileges at Freeman Health System in Joplin, MO
- Call coverage for your own patients M-F 8am-5pm, assist with coverage on nights and weekends, remaining coverage provided by neurology call pool
- Base pay, CME, vacation, time off in accordance with Children's Mercy policy

Our division is committed to clinical excellence, education and research and is continuing to grow. Children's Mercy has very competitive salaries and benefits, in addition to excellent support among physicians and staff with high job satisfaction. Faculty members are affiliated and have academic rank at the University of Missouri-Kansas City. Following are some of the highlights from our division:

- Level IV comprehensive pediatric epilepsy center for seven pediatric epileptologists, four pediatric neurosurgeons, and eight-bed EMU
- One of the largest ketogenic diet programs in the country
- Active VNS Program
- Comprehensive Headache program, including a headache clinic where treatment is tailored to each patient using novel approaches such as acupuncture, biofeedback and in-clinic DHE infusions
- The only exclusively pediatric Tourette Center of Excellence, designed by the Tourette Association of America
- Very successful pediatric DBS program within our growing movement disorder program
- Numerous subspecialty multidisciplinary clinics, including: neonatal neurology, pediatric stroke and spasticity to name a few
- Research collaborations with our Genomic Medicine Center and Division of Clinical Pharmacology, Toxicology and Therapeutic Innovation
- Robust pediatric residence and fellowship programs, including a child neurology residency, clinical neurophysiology fellowship and headache fellowship

Qualified candidates should submit their CV to physicianjobs@cmh.edu

Attention: Admed T. Abdelmoity, MD, FAAP, Division Director
Phone/email Dr Abdelmoity with any questions: 913-433-3118 aabdelmoity@cmh.edu

EEO Employer/Disabled/Vet

PEDIATRIC NEUROLOGIST – MERCY CHILDREN'S HOSPITAL IN ST. LOUIS, MISSOURI

Come grow with Mercy Kids!

Mercy Childrens 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 Childrens 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 Childrens Hospital Association
- Mercy Clinic Childrens 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 Neurologists
- Receive relocation assistance and malpractice coverage

Mercy hospitals and clinics are located in excellent neighborhoods with public and private schools, five-star restaurants, music venues, professional sports, shopping, parks, hiking and biking trails, an international airport, and more!

Mercy, a four-time IBM Watson Health top five large U.S. health system in 2019, 2018, 2017 and 2016, is a faith-based organization and serves millions annually. With 40 hospitals in Missouri, Arkansas, Kansas, and Oklahoma, as well as underserved clinics in Louisiana, Mississippi and Texas, Mercy is one of the largest Catholic health systems in the country.

Mercy Clinic is a strong, physician-led and professionally-managed multi-specialty group. With over 2,500 primary care and specialty physicians, Mercy Clinic is ranked one the largest integrated physician organization in the country by SK&A.

Become a part of our legacy and help us build a healthier future.

For more information, contact:
Lisa Hauck, MBA |
Senior Physician Recruiter
314-364-3840 | fax: 314-364-2597
lisa.hauck@mercy.net
Mercy.net/PedsNeurology |
Mercy.net/MercyKids

EOE/AA/Minorities/Females/Disabled/Veterans Employer

CNS PERSONNEL REGISTRY

NEBRASKA

BOYS TOWN NATIONAL RESEARCH HOSPITAL PEDIATRIC NEUROLOGIST

SEE AD AT RIGHT.

CNS PERSONNEL REGISTRY

NEVADA

PEDIATRIC NEUROLOGIST – LAS VEGAS/UNIVERSITY OF UTAH

Pediatric Neurologist- Las Vegas
Division of Pediatric Neurology
University of Utah School of Medicine

A Pediatric Neurologist is sought to provide care working primarily in Las Vegas, Nevada; including outpatient clinics, inpatient consults, and outreach and telehealth programs. The Pediatric Neurologist will be an intrinsic and collegial member of the Pediatric Neurology Division/ Department of Pediatrics, University of Utah School of Medicine, and will spend 2-3 weeks/year in Salt Lake City, with attending service at Primary Children's Hospital. Las Vegas is a dynamic and affordable community, a robust economy, and superb access to year-round outdoor activities including climbing, road and mountain biking, and hiking.

The collegial and growing Division of Pediatric Neurology maintains specialty interests in a variety of pediatric and developmental neurological conditions, with major initiatives in precision medicine and gene therapy.

Qualified candidates must be Board Qualified/Board Certified in Pediatrics and in Neurology with Specialization in Child Neurology.

Please contact: Josh Bonkowsky, M.D., Ph.D., Division Chief, at joshua.bonkowsky@hsc.utah.edu.

EXCITING OPPORTUNITY TO JOIN AND HELP GROW THE ONLY PEDIATRIC NEUROLOGY PRACTICE IN TOWN!

Due to expansion, we are seeking two additional BC/BE pediatric neurologists to join a successful, well-established group providing pediatric neurology services to Las Vegas and surrounding communities for nearly 25 years. In addition to serving patients through local offices, the practice provides pediatric neurology services to three regional hospitals including Sunrise Children's Hospital, Mountain View Hospital and University Medical Center of Southern Nevada. The practice is supported by EEG techs and medical assistants.

The suburbs of Las Vegas are very family friendly. Housing is reasonable, there is no state income tax, property taxes are very low and outdoor activities are endless and incredible. The weather is fantastic and there are actually some great restaurants. If you are into hockey, football and baseball, we have you covered with professional sports teams. For water activities, check out Lake Mead.

Benefits
Our clinicians enjoy a competitive compensation package with many locations offering sign on bonuses, relocation and tuition reimbursement.

*Our benefits include:
- Health (various options), life, vision, dental and disability insurance 401(k) with annual matching program
- Advanced and continuing medical education
- Leadership training and advancement opportunities
- Employee stock purchase plan at a 15% discount

BOYS TOWN National Research Hospital®

Pediatric Neurologist

Boys Town National Research Hospital (Omaha, NE) has several openings for BC/BE pediatric neurologists to join our new and rapidly growing Pediatric Neuroscience Initiative. Pediatric neurologists with strong clinical skills who are interested in practicing in a collegial, community based program are encouraged to apply. Candidates with particular fellowship training and expertise in epilepsy, neuromuscular medicine and neuro-immunology will have specific opportunities to build and develop clinical programs that reflect their subspecialty goals, including the expansion of our new epilepsy monitoring unit and the creation of a neuromuscular program with associated EMG/ NCV laboratory. However, all subspecialty training is welcomed, and we will strive to work to build a program around talented and ambitious candidates. Opportunities for imaging-based research and clinical trials are available as well. We are committed to providing our candidates with extremely competitive recruitment packages, which are among the best in the country.

About the Hospital
Boys Town National Research Hospital offers a broad range of hospital and clinic services, backed by 40 years of life-changing research to provide the latest, most innovative care to our patients. From pediatric inpatient hospitalization and surgical services, to outpatient visits, to residential care for children and adolescents with severe behavioral disorders, our board certified specialists and highly trained pediatric nurse's focus on caring for the unique needs of children and their families. Boys Town Hospital is a licensed acute care hospital and psychiatric residential treatment facility and accredited by The Joint Commission. The Hospital is located on the Boys Town campus, which has been committed to the care of children for over 100 years.

About Omaha
"Nebraska Nice" is more than a state slogan. Omaha has been rated one of the friendliest cities in the country, offering both city life and suburban charm. Omaha-area residents enjoy recreational parks and trails, a thriving art and music scene, a strong medical community, local and national sporting events, dining and shopping. Omaha is an ideal place to raise families, with a consistently excellent standard of living, top school systems, and a manageable commute to most parts of town (usually less than 20 minutes).

For further information, please contact Deepak Madhavan, M.D., MBA, at Deepak.madhavan@boystown.org with attached CV.

NEVADA continued

- Professional liability insurance
- Support and payment for mandatory license/s and hospital credentialing

*These benefits are for full time employees, employees in other types of employment classifications may be eligible for some of these benefits.

About MEDNAX
With a 40-year record of success, MEDNAX has grown from a single medical practice to a trusted health solutions partner. As part of our national medical group, we give you the tools you need to build the career you want, and the flexibility to adapt as your personal needs and professional interests change.

We invite you to grow with us and help shape the future of health care.

MEDNAX is an Equal Opportunity Employer

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status

Apply Here: http://www.Click2apply.net/nh5w562fzm5ywj6h

PI113736290

CNS PERSONNEL REGISTRY

NEW JERSEY

CHILD NEUROLOGIST – INCREDIBLE OPPORTUNITY

We are seeking a Pediatric Neurologist to join our team of experts in epilepsy (3), neurodevelopment (1), neuro-oncology (1), headache (1), and neuromuscular (1). Our epilepsy service line has a NAEC Level 4 (highest) designation.

We seek a strong clinician and educator who is highly collegial, energetic, creative and patient-centered. With 4 pediatric neurosurgeons and 4 developmental/behavioral pediatricians (Autism Center), our group is the largest integrated neurosciences service line in New Jersey.

Goryeb Children's Hospital is an 86,000 square foot facility attached to Morristown Medical Center (2018 USNWR #1 NJ Hospital) with facilities at Overlook Medical Center in Summit, NJ and 4 other subspecialty satellite locations. With over 250 pediatricians and 100 pediatric subspecialists from 22 different specialty areas, we offer comprehensive pediatric services. An independent pediatric residency training program exists with 38 residents, medical students on regular rotation, and an academic affiliation with the Sidney Kimmel Medical College at Thomas Jefferson University (academic appointment) which is establishing a regional campus.

For the last 10 years, The Atlantic Health System has been ranked by Fortune Magazine as one of the 100 best companies to work for. It is the only health care system in NJ on the top-100 list and it is the top-ranked NJ based company on the list. Goryeb Children's Hospital ranks (UHC) in the top 10% of children's hospitals nationally for pediatric quality and safety, serving a 5 million across 11 counties.

Morristown and Summit are truly beautiful towns located in suburban northern New Jersey approximately 1 hour from New York City, 1 hour from the mountains and 1 hour from the ocean.

Want to learn more?
Please call Dr. Bernie Maria (973-440-7549) or email Bernard.maria@atlantichealth.org

FACULTY PEDIATRIC CHILD NEUROLOGY AND NEURODEVELOPMENTAL DISABILITIES

Faculty Vacancy Announcement
Pediatric Child Neurology and Neurodevelopmental Disabilities
Instructor/Assistant/Associate Professor/Professor
Director of Research/Director of Pediatric Headache Medicine

Instructor, Assistant Professor, Associate Professor, Director
Division of Child Neurology and Neurodevelopmental Disabilities
Department of Pediatrics
Rutgers Robert Wood Johnson Medical School
New Brunswick, NJ

The Department of Pediatrics at Rutgers Robert Wood Johnson Medical School is seeking to hire a dynamic, career oriented physician at the Instructor, Assistant Professor, Associate Professor or Professor academic rank for the Division of Child Neurology and Neurodevelopmental Disabilities. There will also be the potential for either clinical or lab bench research and opportunities for collaboration. The successful candidate will join 2 additional faculty members and will provide both inpatient and outpatient care. The faculty currently supports an active Level 4 epilepsy program, concussion program and the only pediatric multiple sclerosis program in the state of New Jersey. Qualified candidates must be board certified/board eligible in Neurology with special qualifications in Child Neurology.

In addition, the department seeks to bring aboard a qualified, motivated physician as the Director of Pediatric Headache Medicine, to oversee and develop the outpatient and inpatient headache program. The department also seeks a Director of Research to oversee current research projects within the division and

help expand the breadth and scope of the division's participation in research.

The inpatient clinical services are provided at the Bristol-Myers Squibb Children's Hospital of the Robert Wood Johnson University Hospital in New Brunswick, NJ. This is a 105-bed acute care hospital located on the only pediatric academic health campus in New Jersey. The outpatient services are located in the Rutgers Child Health Institute of NJ. This state of art 5-story facility includes a Pediatric CRC, Pediatric subspecialty offices and a modern research facility, whose scientists have strong ties to the Institute for the Neurosciences and Institute for the study of Child Development.

The Department of Pediatrics has a full complement of pediatric medical and surgical subspecialists. Adjacent to the RWJ Barnabas Bristol-Myers Squibb Children's hospital is the PSE&G Children's Specialized Hospital, which is one of the country's largest inpatient acute rehabilitation facilities for children. Across the street is the Rutgers Cancer Institute of NJ the only NCI designated center in the state of New Jersey.

As the States premier institution, there are many opportunities to collaborate across campuses with all the health professional schools and biomedical science school at the Rutgers Biomedical and Health Sciences. Rutgers Biomedical and Health Sciences strategic plan includes neuroscience as a signature program with the establishment of the Brain Health Institute. The program also educates medical students, pediatric residents, child psychiatry fellows, and adult neurology residents.

This is an excellent opportunity for a dynamic career oriented physician. The position offers a generous salary and benefits package and academic rank commensurate with experience.

Interested candidates should email a cover letter and your CV to:
Vikram Bhise, MD
Associate Professor and Division Chief, Department of Pediatrics
Child Neurology and Neurodevelopmental Disabilities
Rutgers Robert Wood Johnson Medical School
89 French Street, CHI-2216
New Brunswick, NJ 08901
bhisevi@rwjms.rutgers.edu

CNS PERSONNEL REGISTRY

NEW YORK

ACADEMIC CHILD NEUROLOGIST

The Isabelle Rapin Division of Child Neurology in The Department of Neurology at the Albert Einstein College of Medicine/Montefiore Medical center is seeking a full-time academic child neurologist to join our team.

You will be joining a dynamic and growing Child Neurology Division with 11 full-time Child Neurologists and 2 Physician Assistants. We have a full array of child neurology subspecialists and clinics with expertise, including the following: Comprehensive Epilepsy Center, Neurocutaneous Center, MDA sponsored Neuromuscular Center, Neuro-oncology, Neuroimmunology, Headache, Sleep Disorders, Tourette and tic disorders. We have strong genetics, pediatric neurosurgery, neuroradiology, orthopedic and rehabilitation medicine services and active training programs in adult and child neurology.

Responsibilities will include a combination of outpatient and inpatient duties, with opportunities for research, as well as an active role in teaching child and adult neurology residents, fellows and medical students.

The ideal candidate will have completed an accredited Child Neurology training program and be board certified or board eligible in Neurology with a special qualification in Child Neurology. Subspecialty fellowship training and/or subspecialty certification is also strongly desired, but not a requirement. Academic appointment will be commensurate with experience.

Interested candidates should send a CV and a brief statement of interest to Leticia Roldan, Senior Human Resources Specialist, at lroldan@montefiore.org in care of Karen Ballaban-Gil, Professor of Neurology and Pediatrics. You may also visit our website at careers.montefiore.org.

DIRECTOR, PEDIATRIC NEUROLOGY

Seeking 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.

TBHCs focus is ensuring optimal patient care through the use of 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 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: email nkondamudi@tbh.org or along@tbh.org. Equal Opportunity Employer

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PEDIATRIC NEUROLOGIST (ACADEMIC)

The Mount Sinai Health System has openings for full-time pediatric neurologists to join our nationally ranked Division of Pediatric Neurology. Applicants are sought at any rank (Assistant, Associate, Professor) with an academic appointment at the Icahn School of Medicine at Mount Sinai that is commensurate with experience and

NEW YORK continued

resume. The chosen candidate must have excellent clinical skills and an interest in outpatient and inpatient pediatric neurology.

Job Description
Mount Sinai's outstanding team of 10 pediatric neurologists have specialized interests in epilepsy, movement disorders, stroke, neurobehavioral disorders, multiple sclerosis and autoimmune encephalitis, as well as general pediatric neurology throughout the Mount Sinai Health System in Manhattan.

Pediatric neurology faculty teach adult neurology residents, pediatric residents, and medical students at the Icahn School of Medicine at Mount Sinai during their clinical rotations in pediatric neurology. In addition, the Division is preparing an application to ACGME for a pediatric neurology fellowship training program.

Mount Sinai Kravis Children's Hospital is a comprehensive tertiary children's hospital. *U.S. News and World Report* consistently selects Mount Sinai Kravis Children's Hospital as one of the best children's hospitals in the nation. In the 2018-2019 annual edition of Best Children's Hospital report, Kravis ranked in five pediatric specialties. It includes a pediatric epilepsy monitoring unit and an active pediatric epilepsy surgical program.

We offer a competitive salary and benefits package.

Please send your CV, a brief statement of interest, and the names of three referrals to:

Walter J. Molofsky, MD
Director, Pediatric Neurology
Associate Professor of Neurology, and Pediatrics
Icahn School of Medicine at Mount Sinai
Mount Sinai Kravis Children's Hospital

walter.molofsky@mountsinai.org
Tel: 917-565-4372

CNS PERSONNEL REGISTRY

NORTH CAROLINA

PEDIATRIC NEUROLOGY FACULTY

Duke Pediatric Neurology
Faculty Positions Duke University Children's Hospital

The Division of Pediatric Neurology at Duke University invites BC/BE neurologists to apply for the clinical or academic tracks at the Assistant/Associate Professor levels.

We are looking for candidates for the Clinician-Educator or Clinician-Research tracks. The Division has a long history of excellence in clinical service, teaching, and leadership in multiple cutting edge programs and research. We seek to continue to expand our division through Pediatric Neurologists with an interest in General Pediatric Neurology or a Child Neurology subspecialty field. The environment at Duke fosters and supports development of clinical careers and clinical or basic science research by the candidates. Salary and benefits are highly competitive with other institutions. Duke University Health System is an Equal Opportunity/ Affirmative Action Employer.

The Division has 16 faculty members with leading programs and multidisciplinary clinics. It is based in Duke Children's Hospital, which is an approximately 200-bed hospital. The Medical School, Hospital, and the Pediatric Neurology service have repeatedly been ranked in the top medical schools, pediatric hospitals, and pediatric neurology services in the country by US News and World Report.

Durham, North Carolina is consistently ranked very high in the Best Cities to Live In, scoring highly on schools, amenities, museums, and performing arts center, in addition to being known officially as the City of Medicine, USA. Over 230,000 residents enjoy the temperate climate, world-class dining, cultural events, and college and professional sports.

Interested individuals should contact Dr. Mohamad A. Mikati at 919-668-4073 or mohamad.mikati@duke.edu and peter.malinosky@duke.edu

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ATRIUM HEALTH LEVINE CHILDREN'S – DIVISION OF CHILD NEUROLOGY

Atrium Health Levine Children's Division of Child Neurology is currently seeking BC/BE Child Neurologists and Advanced Practice Providers as well as an additional Pediatric Epileptologist to join their growing team. Between the two locations - Atrium Health Levine Children's Hospital (LCH) and Jeff Gordon Children's Center (JGCC) - the division presently has 8 Child Neurologists, including 4 Pediatric Epileptologists, and along with 4 Nurse Practitioners. These positions will include shared call and inpatient consult responsibilities balanced with outpatient clinics and potential for satellite outreach. Collegiality and professionalism are values of greatest importance.

Atrium Health Levine Children's Hospital (LCH) is the largest children's hospital between Atlanta and Washington DC. It offers a full complement of pediatric subspecialists, including 4 pediatric neurosurgeons, 2 pediatric neuro-oncologists, and 2 pediatric physiatrists. LCH has 4 pediatric hospitalist teams, a 20-bed PICU (including cardiac ICU), an 85-bed NICU, and an inpatient pediatric rehabilitation facility. LCH hosts a premier Pediatrics Residency Program, serves as a teaching hospital for students of the UNC School of Medicine, and offers excellent support for clinical research and quality improvement. LCH has been ranked among the Best Children's Hospitals in the nation by *U.S. News & World Report* in seven pediatric specialties for 2019-2020 including neurology & neurosurgery.

Jeff Gordon Children's Center (JGCC) in Concord, NC is located within Atrium Health Cabarrus (450 beds), which is the Neurology Center of Excellence within the extensive Atrium Health. It houses North Carolinas only NAEC Level III dedicated Pediatric EMU (8 beds) and is the site of the systems pediatric ketogenic diet program. JGCH has 53 inpatient beds including a 20 bed NICU that has 5 observation beds, and a 5 bed Progressive Care unit.

Atrium Health, one of the nation's leading and most innovative non-profit healthcare organizations, provides a full spectrum of healthcare and wellness programs throughout North and South Carolina.

The system has over 2,500 employed physicians and more than 60,000 employees, operating 45 hospitals and over 900 care locations in the Carolinas.

Contact: sarah.foster@atriumhealth.org

www.joinatriumhealth.org

CHILD NEUROLOGIST

CHMG Pediatric Specialists is seeking a BC/BE Child Neurologist to expand current child neurology coverage in Greensboro, NC. The group offers primarily outpatient child neurology services with occasional inpatient consults and a reasonable call schedule. Reading EEGs is essential with an onsite EEG lab in the office.

CHMG Pediatric Specialists offer Dietician, Integrated Behavioral Health Clinician, along with incorporating pediatric residents in the clinic. Direct participation with Neonatal Developmental Follow up clinic and/or Pediatric Complex Care is an option if interested. There is flexibility to pursue additional interests related to subspecialty training.

Minimum qualifications include: Board Certification or Board Certification within 5 years of completing training) in Pediatrics and Neurology, obtaining full medical license with North Carolina Board of Medicine, full DEA registration, and active privileges with Cone Health. Preferred skillset/experience: Baclofen and VNS therapies.

Cone Health achieves some of the highest quality outcomes in the U.S. supported by our Physician Engagement. Cone Health is a large not-for-profit 6-hospital system with 1200+ beds, 3 outpatient surgery centers, and a primary and specialty care physician network. As a teaching facility for Pediatric Medicine, Family Medicine, and Internal Medicine. as well as participation in numerous research trials, Cone Health offers patients access to the latest developments in medical care and is a recognized leader in cardiology, neuroscience, oncology, trauma, and rehabilitation. Please visit www.conehealth.com.

Practice, live, and play in an ideal location! Greensboro NC is a growing community of more than 280,000 people with a referral base of 500,000+, located in the central part of North Carolina. Our family-friendly communities are some of the best places to live in North Carolina excellent schools, low cost of living, cultural events, great sports, eclectic dining, and more. We have 4 seasons with mild winters, so you can enjoy our parks, lakes, and the outdoors almost year-round. We are close to 3 airports (2 have international flights). For weekend getaways, it is an easy drive to the Blue Ridge Mountains and the beaches NC, SC, and VA. For more community information, please visit:

For more information or to be considered for this opportunity, please contact and/or email your CV to:

Rebekah Driggers, MBA
Director, Cone Health Physician & Provider Recruitment
(336) 663-5054
rebekah.driggers@conehealth.com

CNS PERSONNEL REGISTRY
OHIO

AKRON CHILDREN'S HOSPITAL SEEKS A CHILD NEUROLOGIST

Ohio-based Akron Children's Hospital seeks a Child Neurologist to join its expanding Division. Akron Children's Hospital is the largest pediatric healthcare system in Northeast Ohio and is ranked among the best children's hospitals by *U.S. News and World Report*.

This integrated healthcare delivery system includes:

- Two free-standing pediatric hospitals
- More than 900 providers, who manage 1,000,000+ patient visits annually
- A network of more than 60 primary and specialty care locations
- Robust research and innovation endeavors

The successful candidate will provide Neurology care at the Beeghly campus expanding the services of a dedicated team of 11 pediatric neurologists and 15 nurse practitioners who provide care in Akron Children's Hospitals NeuroDevelopmental Science Center. The Center brings together the expertise of 6 pediatric specialties including: Developmental-Behavioral Pediatrics, Neurology, Neurosurgery, Physiatry, Neuropsychology and Psychology, to deliver quality care to the patients served.

This position offers opportunities for:

- Partnership with an established team of neurologists affording exceptional work-life balance
- Active involvement in medical student and resident education; academic appointment at Northeast Ohio Medical University is available and commensurate with experience
- Research and innovation available through the Rebecca D. Considine Research Institute and local universities
- A $2,000 monthly fellowship stipend and a $60,000 retention bonus
- An attractive compensation and benefit package

Requirements include MD or DO degree, board eligibility/certification in Child Neurology and the ability to obtain an active medical license in the state of Ohio.

The Mahoning Valley is an exciting and vibrant place to live outstanding parks, museums, theaters, art galleries, sport events, golf courses, country clubs, live concert and event venues, biking and hiking trails, lakes and much more provide residents with a dynamic choice of recreational opportunities. This area is successfully transitioning to a technology and knowledge-based economy by leveraging its industrial and academic strengths. In just the last two years, 107 businesses have invested $682 million here, creating over 4500 new jobs!

Interested candidates may contact Jane Hensley, Physician Recruiter at 330-543-3015 or jhensley@akronchildrens.org. To learn more, visit our website at www.akronchildrens.org.

CNS PERSONNEL REGISTRY
PENNSYLVANIA

DIRECTOR OF RESEARCH – SHRINERS HOSPITAL FOR CHILDREN AT THE LEWIS KATZ SCHOOL OF MEDICINE

The Lewis Katz School of Medicine (LKSOM) at Temple University and Shriners Hospitals for Children (SHC) are seeking qualified candidates and candidate nominations for the role of Director, Shriners Hospitals for Children Pediatric Research Center at Temple University.

PENNSYLVANIA continued

We are particularly interested in candidates with outstanding translational research backgrounds in the fields of fetal, neonatal or post neonatal brain, spinal cord, or peripheral nerve injury. Areas of interest include but are not limited to cerebral palsy and related movement disorders, traumatic brain injury or brain disorders caused by exposure to drugs, toxins or environmental insults. The successful applicant should have expertise in cutting-edge tools of bench-to-bedside and/or bedside-to-bench pediatric research. The ideal candidate will build on our established strengths that include animal models of developmental neurobiology and advanced motion analysis technologies. The successful applicant will also develop his/her world class research program in the context of an exciting laboratory and hospital environment that is jointly funded by the LKSOM and SHC.

This is a full time, tenure track, faculty position in the Lewis Katz School of Medicine and reports to the Sr. Associate Dean of Research. Applications are invited at the Associate or Full Professor level.

To be considered, please complete an online application: https://bit.ly/2TLlh5f

Lewis Katz School of Medicine at Temple University is an Affirmative Action/Equal Opportunity Employer and strongly encourages applications from women, minorities, veterans, and persons with disabilities.

SEEKING CHILD NEUROLOGIST AT PENN STATE CHILDREN'S HOSPITAL

The Penn State Children's Hospital has an opportunity for a Pediatric Neurologist in our Department of Pediatrics, Division of Pediatric Neurology.

What we're seeking:
- Medical degree MD, DO, or foreign equivalent
- BC/BE in Pediatric Neurology.
- Ability to read EEGs Required.
- Interest in general clinical pediatric neurology and/or Pediatric Neurology subspecialty.
- Developing or established record of scholarship.
- Excellent patient care abilities and interest in teaching.

What we're offering:
- Non-tenure track appointment at the assistant/associate/professor level, dependent on qualifications.
- Primary appointment in Pediatrics with the potential for a joint appointment in Neurology.
- High quality academic and clinical program.
- Interaction with dynamic clinicians and participation in innovative educational approaches.
- Excellent Junior Faculty Development Program. Competitive salary and generous benefits package.

Position Highlights:
The position can be tailored to the interests and background of the candidate. Responsibilities include outpatient evaluations, inpatient consultation, reading of EEGs, and on-call coverage limited to pediatric neurology. The Penn State Health Children's Hospital has a very strong hospitalist service to provide continuity and coordination of inpatient care in a collaborative manner. The Division of Pediatric Neurology is in the Department of Pediatrics with a strong affiliation with the Department of Neurology.

Area Highlights Include:
Hershey is a suburban community of 20,000 in a metropolitan area of 400,000 in one of the fastest growing regions in the state. Penn State Children's Hospital at the Hershey Medical Center is approximately twelve miles from Harrisburg, the state capital, and is one of the largest employer in the Commonwealth.

Interested candidates, please send CV and cover letter to Patty Shipton, FASPR, at pshipton@pennstatehealth.psu.edu. Applications received until position is filled.

The Penn State Health Milton S. Hershey Medical Center is committed to affirmative action, equal opportunity and the diversity of its workforce. EOE-AA-M/F/D/V. All individuals (including current employees) selected for a position will undergo a background check appropriate for the position's responsibilities.

CNS PERSONNEL REGISTRY

RHODE ISLAND

CLINICIAN EDUCATOR, PEDIATRIC NEUROLOGY

The Department of Pediatrics at Hasbro Children's Hospital/Rhode Island Hospital is seeking a Pediatric Neurologist to join the Division of Pediatric Neurology. We are seeking a dedicated clinician and educator with expertise in the evaluation of the full range of pediatric neurology diseases to join our busy and expanding practice.

The successful candidate will participate in outpatient clinics, attends in the inpatient services and in teaching fellow, residents, and medical students. Hasbro Children's Hospital is the only tertiary care hospital for children in Rhode Island and offers comprehensive pediatric services and consultation, including the full range of pediatric subspecialties, a pediatric intensive care unit, NICU, and pediatric emergency department with a trauma service.

The candidate must hold an MD degree, be board certified/eligible in Neurology with Special Qualification in Child Neurology. This is an outstanding opportunity to participate in the patient care, teaching, and clinical research missions related to the expanding Pediatric Neurology practice at Hasbro Children's/Rhode Island Hospital.

We seek candidates who embrace and reflect diversity in the broadest sense. Rhode Island Hospital is an equal opportunity affirmative action employer.

Interested individuals should submit CV and a cover letter to Chanika_Phornphutkul@brown.edu

CNS PERSONNEL REGISTRY

SOUTH CAROLINA

MUSC CHILDREN'S HOSPITAL – PEDIATRIC NEUROLOGIST

SEE AD AT RIGHT.

TEXAS CHILDREN'S NEUROSCIENCE CENTER
SEE AD ON PAGE 81.

ACADEMIC PEDIATRIC NEUROLOGIST JOB IN TEXAS

The Department of Pediatrics at Texas Tech University Health Sciences Center is seeking a board certified or board eligible Pediatric Neurology physician. The candidate will join the Pediatric department providing inpatient service at Covenant Children's Hospital, a free standing children's hospital, and at University Medical Center. The position includes clinic days at Covenant Children's Hospital in addition to inpatient and phone consultations. There is opportunity for academic service including committees, educational services, and research. Successful candidates will be expected to teach medical students and residents. Neurology is a required rotation for our residents.

The Department of Pediatrics strives to provide the highest standard of medical care for its patients, ensure excellence in the education of medical students and resident physicians, and serve as an advocate for pediatric health issues throughout the region and state. Other Pediatric Sub-Specialty Services include: Anesthesiology, Cardiology, Endocrinology, Infectious Disease, Neurology, Neurosurgery, Ophthalmology, Orthopedic Surgery, Pediatric Hospitalist, Pediatric Intensive Care, Pulmonology, Radiology, Surgery, and Urology. Ancillary services include: hospice care, child life therapy, social work, physical and occupational therapy, and music therapy.

Our physicians enjoy a generous benefits package including competitive salary, relocation expenses, and CME/professional development (AAP dues paid by department). Faculty participation in regional and national organizations is supported and encouraged.

Lubbock is a growing educational, commercial, medical and cultural center with a college-town atmosphere. The metropolitan population is in excess of 300K residents of whom 30K+ are Texas Tech students. Lubbockites enjoy mild seasonal conditions with an average of 267 days of sunshine per year. Lubbock residents enjoy an easy lifestyle with low cost of living, unique restaurants, live music, museums, wineries, boutiques, and a drive of less than 25 minutes to anywhere in the city. Lubbock also has great public and private school systems and over 66 public parks, resulting in a family-friendly atmosphere.

Apply (17740BR):
https://sjobs.brassring.com/TGnewUI/Search/Home/Home?partnerid=25898&siteid=5281#jobDetails=452681_5281

For questions, please contact Faculty Recruiter, Sarah.Harris@ttuhsc.edu

As an EEO/AA employer, the Texas Tech University System and its components will not discriminate in our employment practices based on an applicant's race, ethnicity, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, genetic information or status as a protected veteran.

musc Children's Health
Medical University of South Carolina

The Department of Pediatrics at the Medical University of South Carolina (MUSC) is seeking a Pediatric Neurologist to join the academic practice team at the assistant or associate professor level primarily practicing in general neurology. Experience in movement disorders and its treatment is encouraged, however, all neurology subspecialties are welcomed. Candidates must be BE/BC by the ABPN with Special Qualification in Child Neurology. Candidates must be a US citizen or permanent US residents who are eligible for medical licensure in South Carolina.

MUSC's Pediatric Neurology (https://musckids.org/our-services/neurosciences/neurology) provides the full range of both inpatient and outpatient clinical services. MUSC's Comprehensive Epilepsy Center is designated a Level IV epilepsy center and offers multidisciplinary diagnostic and treatment services to patients from infancy to young adulthood. MUSC is the premier medical center and academic teaching hospital in South Carolina located in Charleston, a beautiful and historic but cosmopolitan city on the Atlantic Coast. MUSC and the Department of Pediatrics both have an impressive record of recent growth. MUSC recently opened a 100,000 square foot pediatric multispecialty outpatient facility. In addition, the MUSC Shawn Jenkins Children's Hospital is scheduled to open in October, 2019. This 250 bed state-of-the-art building will transform how care is delivered to children in South Carolina.

The city of Charleston has been ranked the best city in America by multiple publications and travel sites. The Charleston community is family-friendly with excellent neighborhoods and schools, access to numerous cultural and outdoor activities, and easy transportation.

MUSC offers a competitive salary and benefits package including sign-on bonus, relocation assistance and CME allowance.

To additional information or to apply for the position, please contact the HR Manager, Hannah Daniel at robsonh@musc.edu

TEXAS continued

ACADEMIC CHILD NEUROLOGY AUSTIN, TEXAS

The Department of Neurology at The University of Texas Dell Medical School in conjunction with Dell Children's Medical Center are recruiting additional academic child neurologists for the new Texas Center for Pediatric Neuroscience in Austin, Texas. The Center will be housed in a new building adjacent to the children's hospital and, when fully staffed, will feature 30 pediatric neurology and neurosurgery faculty members. We seek individuals with excellent clinical skills, a passion for education, and the potential for scholarly contributions. Research support may be available for appropriate individuals. Physicians with expertise in movement disorders, neuromuscular disorders, and neuroimmunology are particularly encouraged to apply, but inquiries from individuals with other interests are also welcome.

The University of Texas Dell Medical School, the first new medical school to be built at a tier one US research university in nearly 50 years, welcomed its first class in 2016. Adult and child neurology residency programs are already in place and expanding. We are committed to redesigning academic medicine and revolutionizing how people get and stay healthy by educating leaders, developing new models of care, and advancing innovation from health products to health care delivery. The school is also home to the Mulva Clinic for the Neurosciences, established by a $50 million gift from the Mulva Family Foundation; it is part of the collaborative scientific community of departments, centers, and institutes on the adjacent University of Texas campus. With 248 beds, Dell Children's Medical Center of Central Texas is the only freestanding pediatric hospital in the region. It features a level 1 pediatric trauma center, a level 4 neonatal intensive care unit, and a level 4 epilepsy center. Pediatric neuroscience has been designated as one of the hospitals focus areas.

Austin is the 11th most populous city in the US, and for the last two years it has ranked # 1 in the US News & World Reports Best US Places to Live survey. Austin is a vibrant, socially conscious university city that is known for its live music scene, cultural diversity, and international festivals such as South by Southwest (SXSW). Nearby lakes and rivers as well as the beautiful adjacent Texas Hill Country provide ample opportunities for outdoor activities.

Applicants should be ABPN certified or, in the case of recent trainees, board eligible in child neurology. We are unable to offer visa waiver eligible positions at this time. Hiring is contingent upon obtaining a Texas medical license and the appropriate hospital privileges.

Interested individuals should submit a CV and a summary of their professional interests to: neurorecruit@dellmed.utexas.edu.

If you need additional information before applying, please contact E. Steve Roach, MD, Chief of Pediatric Neuroscience and Associate Chair for Operations, Department of Neurology (roache@austin.utexas.edu).

The University of Texas at Austin, as an equal opportunity/affirmative action employer, complies with all applicable federal and state laws regarding nondiscrimination and affirmative action. The University is committed to a policy of equal opportunity for all individuals and does not discriminate on the basis of race, color, national origin, age, marital status, sex, sexual orientation, gender identity or expression, disability, religion, or veteran status in employment, educational programs and activities, and admissions.

PEDIATRIC NEUROLOGIST – AUSTIN, TEXAS

Child Neurology Consultants of Austin (CNCA) has 3 clinic locations for our 12 Pediatric Neurologists. Our group of physicians include 4 fellowship-trained specialists in Epilepsy/Neurophysiology, Neuromuscular Disease, and Sports Neurology. Our robust practice has several ancillary services lines including routine, ambulatory, and video EEGs, EMGs and an outpatient pediatric infusion center. Our physicians also have 3 APPs that are trained in pediatric neurology for additional support and program development. We are currently seeking motivated, well-trained Pediatric Neurologists to join our team.

Applicants must have graduated from an ACGME accredited Pediatric Neurology training program and have well-rounded clinical experience. Additional fellowship training in epilepsy or other sub-specialty experience is a plus but is not required. Individuals accepted for our position will have full-time clinical responsibilities and opportunities for program development in an area of specialty interest, clinical research or academic/educational endeavors.

Our practice provides the consultative service at Dell Children's Medical Center (DCMC), the only freestanding pediatric hospital in the Central Texas region. DCMC is a Level 1 Trauma Center with all pediatric specialties represented and serves a broad area of central and south Texas. DCMC has a dedicated inpatient neuroscience unit, an inpatient pediatric rehabilitation program and a newly opened inpatient Mental Health facility. Our Epilepsy specialists perform advanced surgical evaluation as part of the DCMC Level IV Epilepsy Center, which includes 8 EMU beds, 3 inpatient Nurse Practitioners, as well as a MEG scanner, neuropsychology and a robust program for dietary therapy.

CNCA also has consult services at St. David's Children's Hospital, an HCA facility. They offer a dedicated Children's ED, and they have broken ground on expansion of the Children's Hospital and will expand from 2 to 5 hardwired EMU beds as part of their Level IV Epilepsy Center. In both hospital systems, we support the NICUs at multiple sites, and we are proud partners with the community of physicians in Austin and the surrounding areas.

CNCA physicians hold clinical appointments with the Departments of Pediatrics and Neurology at the Dell Medical School at the University of Texas and serve as the primary teaching faculty for Child Neurology Residency Program. Adult neurology, pediatric residents, child psychiatry fellows, and UT Dell medical students rotate with our group of physicians in the hospitals as well as at our clinics. Our work life remains dynamic with continuous learning and teaching

Texas Children's Neuroscience Center

As one of the largest pediatric neuroscience programs in the nation, we provide lifesaving treatments to thousands of critically ill children every year. Ranked #3 in Neurology and Neurosurgery by *U.S. News & World Report*, the Neuroscience Center at Texas Children's Hospital is leading research, treatment and surgical intervention for the full continuum of neurological conditions.

BEST CHILDREN'S HOSPITALS
U.S.News & WORLD REPORT
NEUROLOGY & NEUROSURGERY
2019-20

Program highlights:

- 50 board-certified neurologists
- 4 neurosurgeons
- 250 faculty members, scientists and researchers
- 40,000 annual clinic visits
- 13 specialty clinics and programs
- 12-bed neuro-ICU

texaschildrens.org/neuroscience

Texas Children's Hospital®

TEXAS continued

opportunities through our close affiliation with the UT medical school.

While not in the hospital or clinic, our physicians enjoy everything that the city of Austin has to offer. Austin is the 11th largest city in the country, and it is consistently ranked as having the highest quality of life of any large American city. Austin is a high-tech hub for major corporations and university town that is known for its live music, hike and bike trail system, and international festivals such as South by Southwest, F1, and Austin City Limits.

We offer a competitive benefit package along with opportunities for partnership. Interested candidates should forward their CV and a letter of interest to:
Kristin Kroll, M.Ed.
Practice Administrator
kkroll@childneurotx.com
www.childneurotx.com

CNS PERSONNEL REGISTRY
VIRGINIA

CHIEF OF CHILD NEUROLOGY DIVISION/CHILD NEUROLOGY FACULTY – CARILION CHILDREN'S IN ROANOKE, VA

We have an exciting opportunity to join a growing child neurology team offering the best of private and academics in the beautiful Blue Ridge Mountains of Virginia.

Carilion Childrens in Roanoke, VA is recruiting additional Child Neurologists to join our well-established and respected practice as part of the Department of Pediatrics. Positions provide the opportunity for academic pursuits as faculty of the Virginia Tech Carilion School of Medicine (VTCSOM) and participation in both our pediatrics and neurology residency programs. The focus is providing comprehensive child neurological care to a population of over 1.5 million residents in western Virginia.

Staff pediatricians and intensivists provide primary management with multiple pediatric sub-specialties providing consultative services along with predominantly remote child neurology consultative service on evenings and weekends. Our full-service 92-bed Childrens Hospital provides universal care and intensive care to neonatal pediatric and adolescent patients. It also has the second largest neonatal intensive care unit in Virginia (60 beds) and the only pediatric intensive care unit and dedicated pediatric unit in southwest Virginia.

Carilion Clinic offers a competitive salary with bonus incentive, comprehensive benefits including medical, dental, vision, life/disability, relocation, paid malpractice and tail, paid vacation, paid CME days plus an allowance, employer funded pension plan and much more. Positions are available immediately, however start dates are negotiable.

Qualifications include:
- /AOA-BC in Pediatrics with subspecialty training in Neurology; or
- ABMS/AOA-BC in Neurology with special qualifications in Child Neurology
- Team player, good communicator, and excellent clinician
- Strong interest in teaching residents and medical students
- Physician Leadership experience with evidence of strong organizational and leadership skills and 5 years of experience required for Chief of Division
- Ability to obtain VA medical licensure and DEA

For more information or to learn more, please contact:
Dr. J. Thomas Wilson III
Chief of Pediatric Neurology
Carilion Childrens
Assistant Professor of Pediatrics
Virginia Tech Carilion School of Medicine
Email: jtwilson@carilionclinic.org
Phone: 540-769-7705; or

For confidential consideration, submit CV and Cover Letter to Penny Daniel, Senior Recruiter, Carilion Clinic, padaniel@carilionclinic.org or 540-224-5373.

****Visit with us during the Annual Child Neurology Society Meeting in Charlotte, NC, October 23-25, in Booth 217 ****

Equal Opportunity Employer: Minorities/Females/Protected Veterans/Individuals with Disabilities/Sexual Orientation/Gender Identity

CNS PERSONNEL REGISTRY
WASHINGTON

PEDIATRIC NEUROMUSCULAR NEUROLOGIST, UNIVERSITY OF WASHINGTON

The Department of Neurology at the University of Washington School of Medicine is seeking an outstanding pediatric neurologist with expertise in pediatric neuromuscular disorders to join a growing Division of Pediatric Neurology and Pediatric Neuromuscular Program at Seattle Childrens Hospital. This is a full-time, 12-month service period appointment, at the Assistant Professor rank (without tenure), but candidates with exceptional qualifications may be considered for appointment at the rank of Associate Professor (without tenure) or Professor (without tenure), commensurate with experience. This position will require active participation in clinical and teaching programs.

This position is available July 1, 2020.

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 and completion of a fellowship in Neuromuscular Disorders. 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.

Applicants must provide a CV and letter of interest.

The University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status.

The University of Washington is committed to building diversity among its faculty, librarian, staff, and student communities, and articulates that commitment in the

UW Diversity Blueprint (http://www.washington.edu/diversity/diversity-blueprint/). Additionally, the Universitys Faculty Code recognizes faculty efforts in research, teaching and/or service that address diversity and equal opportunity as important contributions to a faculty members academic profile and responsibilities (https://www.washington.edu/admin/rules/policies/FCG/FCCH24.html#2432).

Interested candidates should contact the Division Head of Pediatric Neurology, Dr. Wainwright via email care of Ms. Kass Klemz (kass@uw,edu).

CNS PERSONNEL REGISTRY
WISCONSIN

UNIVERSITY OF WISCONSIN-MADISON PEDIATRIC NEUROLOGIST

The Department of Neurology at the University of Wisconsin School of Medicine and Public Health seeks fellowship-trained BC/BE pediatric neurologists to join our expanding Pediatric Neurology Program as Assistant, Associate or Full Professors on the clinician-teacher or CHS track. The Pediatric Neurology Section currently has four pediatric epileptologists and three general pediatric neurologists with plans to expand to a faculty of ten. Fellowship-trained pediatric neurologists in Stroke, Neuroimmunology, Movement Disorders, Neuromuscular diseases and general pediatric neurologists are welcome to apply. Candidates must hold an M.D., M.D./Ph.D. or DO, be Board certified or eligible in neurology, and have the ability to obtain a Wisconsin Medical License, fellowship training or equivalent experience is required. The positions include opportunities for teaching, clinical and research activities in an academic environment with pediatric and adult epileptologists, general pediatric neurologists, faculty in other services including pediatrics, neuropsychology, neurosurgery, neuroradiology, clinical neurophysiology and basic science research faculty. Clinical activities will involve attending duties in neurology clinics and on inpatient services at the American Family Children's hospital at the University of Wisconsin and affiliated regional hospitals and clinics. Teaching responsibilities include teaching medical student courses and clerkship, mentoring graduate students and trainees, training pediatric and adult neurology residents, fellows and medical students and teaching continuing education programs for physicians and the public.

Interested applicants, please visit our job board, at Jobs at UW and submit a curriculum vitae/resume and cover letter referring to the position vacancy listing number. Finalists may be asked to provide at least three letters of reference at a future date. Questions can be addressed to applications@neurology.wisc.edu.

Wisconsin open records and caregiver laws apply. Unless confidentiality is requested in writing, information regarding the applicants must be released upon request. The University of Wisconsin is an Affirmative Action / Equal Opportunity Employer

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PEDIATRIC EPILEPTOLOGIST

We are currently seeking a board-certified/board-eligible pediatric epileptologist at the Medical College of Wisconsin (MCW) and Children's Hospital of Wisconsin (CHW). The successful candidate will join an experienced team that provides world-class care and share responsibilities in providing 24/7 coverage in the epilepsy monitoring unit, ambulatory care both at the main CHW campus as well as regional locations and reading ambulatory EEGs.

The Medical College of Wisconsin is a major national research center; the largest research institution in the Milwaukee metro area, and the second largest in the state of Wisconsin. In fiscal year 2017-2018, more than $253 million was invested in research, teaching, and training purposes, and more than 2,600 research studies were conducted.

Children's Hospital of Wisconsin's Neurosciences Center is the largest and most comprehensive pediatric neurosciences center in the state and ranks among the nation's best by U.S. News & World Report. Our Epilepsy Center is recognized by the National Association of Epilepsy Centers (NAEC) as a Level 4 epilepsy center and is the only one of its kind in Wisconsin. Our epilepsy monitoring unit is a state-of-the-art evaluation center, with advanced technology to allow for observation of brain activity and physical symptoms 24 hours a day over several days. We see more than 900 patients in our epilepsy monitoring unit each year.

Milwaukee is the cultural and economic hub of Wisconsin. The city boasts a moderate cost of living and a four-season climate. Milwaukee is home to major sports teams, a vibrant arts community, a beautiful lakefront and county park system, and several Fortune 500 companies. Summer festivals and special events year-round make this a family friendly, culturally rich community.

We hope you will consider this opportunity. Please feel free to reach us at the contacts below with your interest or call Dr. Brian-Fred Fitzsimmons, Associate Professor and Chair of the Department of Neurology.

General Position Requirements:

- Board certified/eligible in Pediatric Neurology and Pediatric Epilepsy
- Completed or finishing fellowship in Pediatric Epilepsy and/or Clinical Neurophysiology
- Eligible for medical licensure in Wisconsin

Contact Info:
Brian-Fred Fitzsimmons, MD
Chair, Department of Neurology
Associate Professor
Departments of Neurology, Neurosurgery, and Radiology
bfitzsim@mcw.edu

We are an Equal Opportunity Employer and do not discriminate against any employee or applicant for employment because of race, color, sex, age, national origin, religion, sexual orientation, gender identity, status as a veteran, and basis of disability or any other federal, state or local protected class.

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