

CNS CONNECTIONS



Bringing CNS Members Together to Make Children's Lives Better

PERF MATCHING CHALLENGE GRANT



PERF to CNS Members:
"Contribute \$100,000 to the Dodge Endowment Fund
and we'll guarantee a \$1 million finish!" *See page 7*



CHILD NEUROLOGY SOCIETY

From the President



Nina F. Schor, MD, PhD
President, CNS

What makes the CNS meeting important and fruitful and what keeps so many of us coming back year after year is that it fosters dialogue between (so many diverse groups). This year will be no exception! In fact, we plan to take these happy synergies to a new level!

HAPPY SYNERGIES

The 2014 Annual Meeting of the Child Neurology Society (CNS) may seem a long way off. But only the summer lies between now and then. It is a curious task, assembling the program for this extravaganza, a task I share with Dr. Jonathan Mink and his Scientific Selection Committee, through them, with the membership of the CNS, and with Roger Larson and his staff at the CNS National Office. This task means crafting a program that, at once, reflects the programmatic and professional diversity of the CNS and stands together as a programmatically unified whole. The key to reconciling these two equally important characteristics is dialogue (or trialogue or tetralogue, as perhaps would be more appropriate).

What makes the CNS meeting important and fruitful and what keeps so many of us coming back year after year is that it fosters dialogue between community and academic neurologists; between physicians and advanced practice nurses; between lay advocates and medical professionals; between clinicians and scientists; between trainees and faculty. This year will be no exception! In fact, we plan to take these happy synergies to a new level!

Why would we go to all the trouble of juxtaposing people and approaches not often placed in the same sentence? Perhaps an example explains it best. What has come to be called “big data” is all the rage these days. Being able to collect, mine, and analyze reams of data is a powerful tool, to be sure. But big questions and big ideas are what make a difference in the world of medicine. And

the “biases” of hypothesis-driven research are not biases at all. They are evidence-based predictions and inferences. Value and innovation and knowledge are born only of the dialogue between the unbiased and hypothesis-driven ways of looking at data. This is true whether those data and hypotheses derive from large populations of zebrafish or mice or humans or from the “n of 1” study we call evidence-based clinical medicine.

And so, our 2014 CNS Annual Meeting will present symposia on overarching topics of interest and relevance to us all, with talks that provide views of those topics from basic scientists, physicians, physical therapists, epidemiologists, and lay advocates. For our trainees and junior members, there will be a programmatic “thread” that courses through the entire meeting that will connect various mentoring topics of critical importance to building a career and becoming a member of the wonderful child neurology family. For those interested in epilepsy or ataxia or neurogenetics or stroke there will be an opportunity to drill down deeply as sub-sub-specialists and to network broadly as a child neurologist.

And what would a CNS meeting be without a great venue and a lot of fun? Columbus promises to win your hearts and stimulate your minds. Once we fill it with the warmth and energy of the CNS members and their partners from the Child Neurology Foundation, the Association of Child Neurology Nurses, and their colleagues from the autism advocacy community and the NIH, the sky will be the limit!

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The 43rd Annual Meeting of the Child Neurology Society, October 22-25, 2014

PROPOSED SCIENTIFIC PROGRAM (SESSION ORGANIZERS LISTED)

WEDNESDAY, OCTOBER 22

All Day

Symposium 1

NDC Symposium:
Autism

Bernard Maria, MD

THURSDAY, OCTOBER 23

7:00 AM – 8:15 AM

Breakfast Seminar 1

Epilepsy Therapy Update
Renée Shellhaas, MD

7:00 AM – 8:15 AM

Breakfast Seminar 2

Update on the Leukodystrophies
Adeline Vanderver, MD

7:00 AM – 8:15 AM

Breakfast Seminar 3

Neurodevelopmental Examination
Using Telemedicine. The Neuro
Exam in the Era of Mobile Devices.
Deepa Menon, MD

9:00 AM – 12:00 PM

Symposium 2

Presidential Symposium:
Plasticity and Learning in Recovery
and Rehabilitation from Brain Injuries
Nina F. Schor, MD, PhD
Jonathan Mink, MD, PhD

1:45 PM – 4:00 PM

Symposium 3

Genetics & Biology of Early
Life Epilepsies
Alex Paciorkowski, MD, PhD

4:00 PM – 6:00 PM

Child Neuro News Break
Poster Review

FRIDAY, OCTOBER 24

7:00 AM – 8:15 AM

Breakfast Seminar 4

A to Zzzz's: CNS Hypersomnia
Conditions in Children
Kiran Maski, MD

7:00 AM – 8:15 AM

Breakfast Seminar 5

The Neurological Sciences
Academic Developmental Award:
The NINDS Physician-Scientist
Career Development Award for
Pediatric Neurology
Bradley Schlaggar, MD, PhD

7:00 AM – 8:15 AM

Breakfast Seminar 6

Collaboration, Technology and
Innovation in the Age of Health
Care Reform: The Updated Child
Neurology Encounter Guides
Julie Sprague-McRae, RN

8:45 AM – 10:15 AM

Platform Sessions

10:45 AM – 11:10 AM

**Philp R. Dodge Young Investigator
Award**

Lecture: TBA

11:15 AM – 12:00 PM

Bernard Sachs Lecture:
Gabrielle deVeber, MD

1:45 PM – 4:00 PM

Symposium 4

Non-Progressive Cerebellar Ataxia:
Practical Pearls
Michael Salman, MDCM

SATURDAY, OCTOBER 25

7:00 AM – 8:15 AM

Breakfast Seminar 7

The Buzz on Medical Marijuana
Kristin Park, MD

7:00 AM – 8:15 AM

Breakfast Seminar 8

Neuroimaging Update in TBI:
Clinical Perspectives &
Research Advances
Carolyn Pizoli, MD

7:00 AM – 8:15 AM

Breakfast Seminar 9

Neuro-autoimmune Frontiers:
Anti NMDAR Encephalitis &
Related Conditions
Jay Selman, MD

8:45 AM – 9:30 AM

Hower Award Lecture

Michael Shevell, MDCM

9:45 AM – 12:00 PM

Symposium 5

Code Stroke
Catherine Amlie-Lefond, MD

RESEARCH FOCUS

Discovery! Identification of the Gene Causing Sturge Weber Syndrome

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



Drs. Jayne Ness (L) and Anne Comi (R) compare notes following Anne's presentation of a late-breaking abstract outlining the Sturge Weber breakthrough that garnered a standing ovation in the ballroom.

Every now and then, conditions are ripe for a scientific breakthrough. These “conditions” include not only access to advanced technological tools that can facilitate a new discovery, but also (and, perhaps most importantly) a powerful hypothesis, talented researchers, and a certain amount of luck. All of these components converged, as Dr. Anne Comi and her co-workers recently advanced the field of child neurology by discovering the genetic basis for Sturge-Weber Syndrome.

Sturge-Weber Syndrome is a sporadic congenital neurocutaneous disorder that includes port-wine birthmark of the face, abnormal capillary venous vessels of the leptomeninges and choroid plexus, and a high incidence of glaucoma. The disorder is typically accompanied by seizures, stroke, and cognitive dysfunction. This disease has fascinated clinicians for centuries, as its puzzling involvement of skin (but only a patch of skin), brain (but usually only one hemisphere), and eyes (but usually only one eye) has left clinicians stupefied as to its etiology (see Editor's Note below).

The notion that Sturge-Weber Syndrome may be a genetic disorder was introduced almost three decades ago by Dr. Rudolf Happle, who hypothesized that a mutation occurring early in fetal development affecting a somatic progenitor cell could lead to a set of abnormalities that are all localized to structures derived from that progenitor cell. In other words, if a mutation occurred in a fetal cell, that mutation could affect all of the structures derived from that cell. And if that cell happened to be a progenitor for structures of the eye, brain, and skin, then it could give rise to Sturge-Weber Syndrome. This hypothesis would explain the localized nature of Sturge-Weber Syndrome (because the mutation affects only those limited structures derived from that one progenitor cell) as well as the fact that the syndrome is not inherited (because the mutation occurs in a somatic cell; not the germ line).

This hypothesis predicts that the genetic mutation would be present within the affected tissues of a patient, but not within the unaffected tissues of that same patient. The hypothesis likewise illuminated the pathway to identify the gene: compare DNA of affected tissue with DNA of unaffected tissue from the same person with the disease; the place where they differ becomes the candidate gene.

During the immediate decades after its introduction, the Happle hypothesis remained appealing, but untested, because the technology did not yet exist to compare all DNA from two sites of an individual. By the 21st century, however, this changed, as whole-genome sequencing was introduced and as the capacity to store and compare large amounts of genomic data became available.

Enter Dr. Anne Comi, Associate Professor of Pediatrics and Neurology, and her colleagues at the Kennedy Krieger Institute and Johns Hopkins University. After establishing a

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“Discovery of the SWS gene means that a specific therapy for the disease may soon be at hand.”

multidisciplinary center for the study of Sturge-Weber Syndrome in 2003, Dr. Comi and her coworkers spent more than a decade examining patients and carefully studying clinical and scientific aspects of the disease. With the help of the Sturge-Weber Foundation and the NICHD Brain and Tissue Bank for Developmental Disorders, they acquired a large number of tissue samples. By 2013, with the molecular techniques perfected, the computer data storage systems in place, and the bioinformatics expertise assembled, Dr. Comi and her group were ready to undertake the monumental task of DNA comparison. But whole-genome sequencing is an expensive proposition. They had the funds to conduct comparisons in only three patients. A study limited to only three patients meant that their chances of failure were high. Undaunted, they forged ahead.

The investigators painstakingly compared DNA samples from affected tissues and unaffected tissues obtained from the same individuals with Sturge-Weber Syndrome, as they sought to identify somatic single nucleotide variants. At the end of this laborious process, a single gene emerged. The gene, located on chromosome 9, was GNAQ, which codes for the protein G q. The research group spent the next several months validating their results and found that the mutation was indeed present in most SWS samples, absent in controls, and somatically located. The gene for Sturge-Weber Syndrome had been found, and a decades-old hypothesis had finally been validated.

Dr. Comi was excited and gratified when she realized that they had found the gene that they had been seeking for so long. But she readily admits that luck played a role in their success. “I’m still amazed that it worked,” said Comi. “We had money for only three pairs of whole-genome sequencing. We were lucky that all three of the samples we chose had the mutation. In our follow-up work, we have found that most affected samples from people with SWS do have the mutation, but some affected samples don’t. Whether this is due to poor DNA quality or to a different mutation is unknown. But the point is that we could just as well have chosen a sample in which the mutation was absent. If that had happened, we would have completely missed it.”

Dr. Comi and her collaborators have taken their research one important step beyond gene identification and have conducted functional studies. They have found that mutation in GNAQ hyperactivates ERK-phosphorylation, which implies that the mutation exerts its effect by overactivating the MAP kinase pathway. This is particularly exciting because drugs are already available that can inhibit ERK and other components of the MAP kinase pathway. The researchers are now devoting themselves toward understanding the mechanism, developing model systems, and investigating potential drug treatments. Thus, discovery of the SWS gene means that a specific therapy for the disease may soon be at hand.

Discovery!

Editor’s Note: *Back in my residency days, when I first learned of Sturge-Weber Syndrome, I immediately classified it, within my mind, into that group of non-genetic syndromes. After all, like someone who’s been hit in the head with a baseball bat, people with Sturge-Weber Syndrome have a focal defect of one eye, one half of their brain, and the skin on one side of their face. A genetic defect couldn’t possibly lead to such a strange pattern of localized pathology. No one inherits a baseball bat injury, and no one inherits Sturge Weber Syndrome, either. Just as a baseball bat injury is obviously non-genetic, Sturge-Weber Syndrome seemed obviously non-genetic, as well. So, on the shelves of my mind, Sturge Weber Syndrome was placed neatly onto the pile of non-genetic syndromes. And that’s where it lay, undisturbed, for two decades. Now, I learn from Dr. Comi and company that I was wrong all along. Sturge Weber Syndrome is a genetic syndrome. Its pattern of pathology and lack of inheritance, which played such a crucial role in leading me to erroneously classify it as non-genetic, lay in its origins as a mutation in a somatic cell of the fetus, instead of the usual germ cell of one or both of the parents. Ah-ha! The dusty, cobweb-covered shelves of my mind have just been dumped to the floor. And suddenly, I feel like the person who’s been hit in the head with a baseball bat. DJB*

Q&A

Funding the Dodge Young Investigator Award

A Challenge to All Members of the CNS

By Daniel J. Bonthius, MD, PhD | CNS Newsletter Editor

Editor's Note: Awarding the Philip R. Dodge Young Investigator Award to one of its youthful members is one of the most significant actions of the CNS. It recognizes a fledgling researcher and helps support and promote that promising person's investigations. Most importantly, acknowledging a young physician-scientist is a ritual that signifies the value that the CNS places on new knowledge and the devotion that this society's members have to improving the lives of children with neurological diseases. Several years ago, the CNS established the lofty goal of creating a one million dollar endowment to support the Dodge Young Investigator Award in perpetuity. Through the vision and generosity of many people, including many CNS members, the society has raised a substantial portion of the million dollar aim. Now, a challenge grant from the Pediatric Epilepsy Research Foundation (PERF) provides the CNS membership with a unique opportunity to realize their goal. Here, I discuss the Dodge Young Investigator Award and the exciting possibility of completing its funding with four individuals (pictured to the right) who are playing major roles in this effort.

QUESTION | Dr. De Vivo, you knew Philip R Dodge personally. What kind of a person was he?

De Vivo | He was a terrific person and a wonderful human being. He was very thoughtful, very generous, and he raised the work ethic. He thought work was good. You had to enjoy your work. Otherwise, you just couldn't do it. So, he truly enjoyed his work, and he spent a good part of his life doing it. He also led by example. No one worked harder than Phil. It wasn't uncommon to find Phil making rounds at midnight in the hospital. He was a 24/7 kind of person. But he did it at a certain pace, so he didn't look frantic. He always had the time to stop and ask you how you were doing, and he placed importance on understanding you as a person.

QUESTION | How and why was the Young Investigator Award named after Dr. Dodge?

De Vivo | When Phil received the Hower Award from the CNS in 1978, he spoke directly to those in attendance and pointed out that, on the one hand, we should be happy with our good work for children. On the other hand, we should know that there is a lot that needs to be done. We should realize that what we are offering our patients is often less than optimal and that we must try to better understand the nature of the problem and strive to develop new and better therapeutic strategies. So, it was a critical statement that he made in a constructive way – that it's fine to pat yourself on the back, but don't be too pleased with yourself. Know that, tomorrow, you should be doing a better job than you're doing today. Thus, he captured the essence and the spirit of the Young Investigator Award. Shortly after he died in 2009, we wanted to do something in his memory. We realized that few things endure without a financial underpinning. So, we decided to create

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Dr. Roy Elterman (President, PERF), **Christy Gorham** (Questcor Pharmaceuticals), and **Dr. Darryl De Vivo** (Chair, Dodge Endowment Fund Steering Committee). Questcor provided an annual \$25,000 grant in support of the Philip R. Dodge Young Investigator Award from 2009-2014 to permit the fund to grow without drawing on principle. In February 2014, Questcor contributed \$150,000 to the endowment fund, thereby putting the \$1 million fundraising goal within reach with the PERF \$100,000 challenge grant.



Dr. Roy Elterman, President, Pediatric Epilepsy Research Foundation (PERF) and **Dr. Don Shields**, President of the Child Neurology Foundation (CNF).



CNF Executive Director, **John Stone** is flanked by CNF staff colleague, **Steve Peer** (L) and PERF President, **Dr. Roy Elterman**.

an endowment in his name, to make sure that the Philip R. Dodge Young Investigator Award continues into the future.

QUESTION | Why is the Young Investigator Award so important?

Shields | The YIA provides an opportunity for somebody who has training and ideas that will lead to new developments to get a good start and get them going on a track toward becoming a productive researcher. This award allows the younger generation to begin contributing to our knowledge of diseases of children and to set them on the course toward becoming productive investigators. So, it is an absolutely critical award.

QUESTION | Since the award is directed toward people in academics, why is the existence and funding of the award relevant to a child neurologist in private practice?

Shields | I would say to that person in private practice that a lot of the things you're doing to help your patients were discovered by our young investigators and by people like them--researchers who are developing new and better techniques of diagnosis and treatment. Every child neurologist knows what it's like to care for a child with a disease and to know that you are just not helping much. And the way to advance beyond that is to get to the next level of knowledge. We all benefit from what goes on in the research arena. It's as important to the doc in private practice as it is to the investigator in the research laboratory.

QUESTION | What is the track record of the awardees of the Young Investigator Award, so far?

Stone | The CNS has very good reason to be proud of their Young Investigator Award winners. Every one of the YIA awardees has gone on to obtain further funding to allow their research to continue. They are following in the footsteps of their mentors, and they are blazing new trails.

Shields | If you look at its history, and if you look at those who have won the award over the past 31 years, you will find that many of our leaders now were people who received that award. It gave them their start in academic child neurology. So, it's got a great track record.

QUESTION | Why is it important that the PRDYIA become fully funded?

De Vivo | The CNS needs to empower itself. If it fails to do that, then it's going to fall short of achieving the professional goals of the society and of its individual members. In a way, the society is



Dr. Peter Tsai is the most recent Dodge YIA recipient and was introduced by his mentor, last year's Scientific Program Chair, **Dr. Mustafa Sahin**, himself a past Dodge Young Investigator Award recipient in 2005.

emblematic of the profession. So, we like to respond to the old adage that the whole should be more than the sum of its parts, if we can count it as a success. If each member steps up to the plate, then we will achieve that goal.

QUESTION | How did raising funds for the PRDYIA endowment first get off the ground?

De Vivo | When a fundraising effort nears its completion, a lot of emphasis and attention is given to those last players that bring you over the top. And sometimes, the early contributors are overlooked. We don't want to forget our early contributors because they have been crucial. When the decision was made to create an endowment in Dr. Dodge's honor, a steering committee, composed of 20 people who had a close relationship with Phil Dodge, was created. We needed to lead by example. If we were going to ask people to donate money, we had to indicate that we have shared some of our own treasure. Each member of the steering committee made a major personal contribution, and, collectively, generated more than \$100,000. So, the steering committee, through their generosity, brought us more than ten percent of the way toward the ultimate goal.

QUESTION | Where do we currently stand, in terms of the goal of one million dollars?

De Vivo | We are currently about \$250,000 shy of our goal. But I am very confident that, as a society, we are going to achieve that goal. It would be nice if we could get the whole membership to make a contribution, so we could say that we have had 100 percent participation. Senior people, who may have bigger incomes and fewer expenses can probably give more. Junior people with mortgages and kids in school may need to give less. But all members of the society should be able to give something. People can give \$50 or whatever they can afford.



Dr. Peter Berman, past CNS President (1991-93) who made a \$10,000 stock transfer donation in 2012, a model members may wish to consider to help make the PERF \$100,000 challenge grant.

QUESTION | Corporations, foundations, and the CNS membership have all donated to the cause. Have there been donations from families of children with neurological diseases?

Stone | Yes. There have been donations in support of living family members who suffer from a variety of neurological diseases and support in the name of deceased members. Families know and appreciate that it is only through research that the lives of children with neurological diseases can be saved and improved.

QUESTION | Recently, the Pediatric Epilepsy Research Foundation (PERF) has struck an important agreement with the CNS regarding the Young Investigator Award. What are the provisions of that agreement?

Elterman | The Pediatric Epilepsy Research Foundation has provided the membership of the CNS with a challenge grant. The deal is that, if the CNS membership can raise \$100,000 during the one year between the annual meeting of 2013 and the close of the annual meeting of 2014, then PERF will fund the balance to bring the endowment to its goal of one million dollars. In other words, PERF will donate approximately \$178,000. If it takes the membership two years to raise the \$100,000, then PERF will add in an additional \$20,000 (total of \$198,000) to cover the awardee's grant for 2015.

QUESTION | So, the \$100,000 to be raised by the CNS must come from the membership?

Elterman | Yes. The deal is that it has to be the membership. No industry, no previous pledges, no outside large investors. This is a challenge grant to the membership. At the Pediatric Epilepsy Research Foundation, we want the members of the Child Neurology Society to show that this is important to them. If they will do that, then we will cap off the grant, and the goal will be met.

QUESTION | Of all the worthy causes that PERF could support, why has it chosen the Young Investigator Award?

Elterman | Well, we do support several other things. However, the YIA is especially important to us because we want to encourage young people to enter the field of child neurology and to conduct research. So, we are interested in supporting young investigators, especially those who can develop their research and apply

for an NIH or NIH-quality grant. We know that the winners of the YIA are that caliber of researcher, so they are a group that we want to strongly support.

QUESTION | The membership needs to raise \$100,000. Would you rather that 100 people gave \$1000 each, or that 1000 people gave \$100 each?

Elterman | I'd rather that 1000 members gave \$100 each. I'd like everyone to show that this is important to them. For a junior member, \$25. I think everyone needs to say "This is our society. This is what we're trying to do. And everyone should pitch in."

Shields | Every member should make a donation. Some are in a financial position to donate more, and some less. But our futures, individually as physicians, and collectively as a society, is on the line. We need to invest in our future, in order to survive and to grow as a specialty.

QUESTION | What would you say to the membership to inspire them to open their wallets?

De Vivo | Our future is in our own hands. The amount of money that each member should consider contributing is really a very modest amount. We are not asking for a huge amount of money. We are asking that each member perhaps deny themselves one wonderful dinner each year. That amount would represent their contribution and would put us over the top. As everyone knows, times are tough. As a society, we need to look after ourselves. I think that if we keep expecting others to look after us, we will be disappointed. Ultimately, we will be absorbed by other groups. We will lose our professional and personal identities as well. So, there is a challenge before us that we can rise to.

QUESTION | If a person wants to make a contribution, what is the best way to do it?

Stone | At the Child Neurology Foundation website, we have created a direct and simple pathway that allows donors to specify that their contribution will go specifically to the Dodge Young Investigator Award. That URL is www.childneurologyfoundation.org/donate/. The portal can also be reached via a link on the CNS website featuring profiles of past Young Investigator Award recipients.



Philip R. Dodge, MD

Honor a
founding
giant in child
neurology...

...help find and
fund new ones.

We (PERF) want the members of the Child Neurology Society to show that this is important to them. If they will do that, then we will cap off the grant, and the goal will be met.

UPDATE

Professors of Child Neurology



Phillip L. Pearl, MD

PCN Spring 2014 Report

By Phillip L. Pearl, MD, President

The PCN had an opportunity to review several key areas in academic child neurology during the 2013 annual meeting in Austin. Training Program Directors should be aware that the new ACGME Program Requirements take effect July 1, 2014 and include substantive revisions pertaining to the sponsoring institution, program director's role and support, faculty, curriculum, and evaluations. In brief, the sponsoring institution must provide at least 20% time and funding support for the program director, with an additional 1% per resident. This brings child neurology in line with our adult counterparts. The sponsoring institution must provide financial support for a program coordinator as well. The program director is mandated to monitor resident stress, approve the adult neurology rotations, and attend at least one national program director meeting annually. Key physician faculty must have current ABPN certification (or possess equivalent qualifications), and a minimum faculty-to-resident ratio of 1:1 must be maintained within the section of child neurology. Faculty must participate regularly in conferences and demonstrate broad involvement in scholarly activity.

The revisions that will most impact our trainees reside in the adult neurology training. Twelve months of adult neurology will be continued, do not need to be contiguous, and are to be comprised of six months on inpatient rotations (defined as requiring > 50% of time managing inpatients), three months of outpatient clinical rotations, and three months of electives. The

electives offer wide latitude and neurologic subspecialty areas, including neuroradiology, neuropathology, and neurophysiology, while previously off limits to count as adult neurology months, are included. Clinical electives could include psychiatry, genetics, or neuro-intensive care. This helps to solidify training in general neurology while also promoting special interests and directed career development.

The standardized clinical examination for ABPN certification, which replaced the prior Part II Oral Examination, must be done within the training program, with completion of at least two by the end of the second neurology year and all five prior to the final month of training. These should be five first-patient encounters under direct observation of the following scenarios: neuromuscular, neurocritical care, neurodegenerative, outpatient setting, and adult neurologic disorder. At least one of these patients must be less than two years of age.

ABPN pass rates will be formally factored into program evaluations, so that at least 75% of a program's eligible graduates from the preceding five years who took the examination for the first time must pass. In programs with fewer than five graduates in the past five years, at least 75% of the five most recent graduates who took the exam must have passed.

The PCN has moved forward with development of a curriculum which was ably jump started by the edition of *Seminars in Pediatric Neurology* organized by Rob Rust. The Executive Committee has collected first drafts of objectives in nearly all topics and is

Training Program Directors should be aware that the new ACGME Program Requirements take effect July 1, 2014 and include substantive revisions pertaining to the sponsoring institution, program director's role and support, faculty, curriculum, and evaluations.

currently editing them to prepare a document which will be distributed among the membership for further input. Simultaneously, the curriculum will be linked to cases that continue to be collected for the CNS Case Sharing Website, initially established by Mickey Segall, Barry Kosofsky, and Joe Pinter and now being promoted by David Hsieh of the CNS Electronic Communications Committee. Ira Bergman has carefully prepared a series of detailed real world cases, loaded with radiographic images, EEG samples, and laboratory results, offering multiple options for correct (and, wisely ID'd, "ill-advised") patient evaluation and management. The cases span from encephalitis to stroke, epilepsy, neoplastic, and demyelinating disease among others and will be an outstanding contribution. Milestones development, spearheaded by Pat Crumrine and David Urion, and others including PCN Councilor Howard Goodkin in epilepsy, will complement the content- and case-based curriculum. Implementation of milestones for child neurology is expected July 2015. These will be organized into global domains (e.g. history taking), disease domains (e.g. headache, stroke), and procedural domains (e.g. imaging, EEG, lumbar puncture) and will be reported as falling in five taxonomic levels: novice, advanced beginner, competent, very competent, and expert.

Last summer the PCN surveyed its membership regarding the "home base" for child neurology programs, i.e. adult neurology vs pediatrics. This was initiated following several queries as to the optimal placement for child neurology. This could be viewed as a natural extension of the historical dilemma, or perhaps privileged position, of our subspecialty being at the fulcrum of pediatrics and neurology. The recent debate regarding adult neurology training for child neurologists, led by Don Gilbert and others in thoughtful remarks made during prior PCN and AAN meetings, highlights this question. The survey results were presented during the fall meeting, and indicated an almost even split between whether programs were primarily based in neurology or pediatrics departments. A slight majority identified neurology as their primary academic affiliation (54 vs 46%), whereas a similar majority identified pediatrics as their primary clinical affiliation (55 vs 45%). Factors that may be considered advantages for academic affiliation, e.g. support for scholarly activity, shared training programs, financial support for clinical activities, synergistic research activities, and faculty career development, were reported at similar levels whether programs were placed within neurology or pediatrics. Examples of specific comments cited as problems were lack of support for scholarly activities, a Dean's tax,

and inequity for pediatric neurology reimbursement compared to adult. Overall, when members were asked whether they would change their affiliation, nearly 80% would not (Figure).

Deborah Hirtz provided an update on NINDS activities vis a vis child neurology, with appropriations reported of an approximate 5% decrease in funding. Currently enrolling studies of interest to the community included thrombolysis in pediatric stroke, prednisone and deflazocort in Duchenne muscular dystrophy, early biomarkers of autism in infants with tuberous sclerosis, neurodevelopmental effects of antiepileptic drugs, placebo controlled trials in prophylaxis of childhood migraine, NeuroNEXT SMA biomarkers, preterm erythropoietin neuroprotection trial, and the ADAPT study for severe pediatric traumatic brain injury. Questions may be directed to Deborah at Hirtz@ninds.gov and we look forward to more updates during the fall meeting in Columbus.

The PCN continues to monitor the Match with the able leadership of Harvey Singer; a combined PCN-CNS committee now administrates the Match. Program directors are reminded that programs cannot fill positions outside of the Match unless the applicant fails to match for a same year position, or if there is an unexpected vacancy due to a

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matched applicant withdrawing immediately preceding the July 1 start date.

The PCN has also joined forces with the CNS to develop the newly established Blue Bird Circle Clinic Award for Outstanding Child Neurology Training Program Director, enabled by the generosity of the Baylor program and the hard work of Gary Clark. The eligibility criteria are:

- Nominees should be a current or former child neurology residency program director.
- The award recipient should have demonstrated leadership and vision in local program development, curriculum development, innovation in teaching methods, or training requirements.
- The awardee should inspire in trainees and colleagues alike a passion for the practice of child neurology. Nominees must be living at the time of selection.

Last year there were five outstanding nominations and Harvey Singer from Johns Hopkins was selected. Nominations for awards

are now being recruited and may be made by sending a letter of support and the nominee's CV to the CNS National Office.

Active members of the PCN are, as written in the Bylaws, current (or previous) heads of divisions/units or training directors with accredited residency programs in child neurology or neurodevelopmental disabilities. The PCN is the body of training program directors in child neurology (analogous to the CNPD in adult neurology), and ALL training program directors are invited to join, attend the annual meeting (always held the Wednesday afternoon prior to the opening reception of the annual CNS meeting), and become involved in the committees and work of the organization. Please say hello and get involved. I am grateful for the work of the Executive Committee: Suresh Kotagal (Secretary-Treasurer), Amy Brooks-Kayal (Councilor), Howard Goodkin (Councilor), David Urion (Councilor), and Bruce Cohen (Past President), and the great assistance by Sue Hussman, Emily McConnell, and Roger Larson from the CNS National Office.

PCN Home Base Survey:

Would you change your affiliation given the opportunity?

Answered: 94

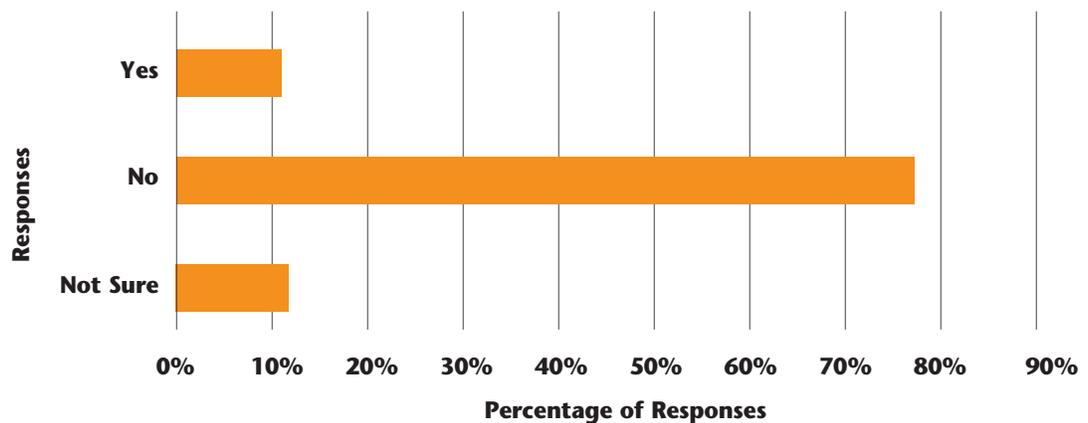


Figure: PCN Home Base Survey disclosed that about the membership is about split evenly between having the primary affiliation in neurology versus pediatrics, and that few would switch departments if given the opportunity.



Kathy O'Hara, RN

Who/What is ACNN?

Our mission is to promote excellence in child neurology nursing practice through the development and support of nurses caring for children with neurologic conditions. We aim to advance standards of care, provide educational opportunities, foster research and facilitate regional and international multi-disciplinary collaboration.

We are excited about our new working relationship with CNS. The new website is coming along but there is much work to be done. We are in the process of membership renewals and new member applications, Call for abstracts has been sent out for our meeting in October in conjunction with the CNS meeting. In March there was a Regional Meeting held at Nationwide Children's which was well attended and was able to reach nurses who are not able to come to the national meeting. I encourage you to let your nurses know about ACNN and have them join our organization. It is a great way to network and learn the most recent advances in nursing care for our children with neurologic disorders.

Looking forward to another exciting year.

Kathy O'Hara, RN
ACNN President

Submit a Nomination Today!

ACNN CLAIRE CHEE AWARD FOR EXCELLENCE IN CHILD NEUROLOGY NURSING

CALL FOR CLAIRE CHEE NOMINATIONS NOMINATION DEADLINE: Sunday, June 15, 2014

The Claire Chee Award for Excellence in Child Neurology Nursing was established by the Association of Child Neurology Nurses in the year 2000. This award, given annually, recognizes and honors the nurse who, as a member of the ACNN, has rendered distinguished service within the profession of child neurology nursing. The recipient is one who demonstrates, through strength of character and competence, a commitment to the care of children and their families with neurological disorders. She/he is acknowledged by her/his peers as one who renders qualities of compassion, resourcefulness, leadership, knowledge, communication, and inspiration.

Candidates for the Award for Excellence may be submitted by any member of the Association of Child Neurology Nurses or the Child Neurology Society to the Award Committee. The ACNN Award Committee will evaluate the nominations and determine the most deserving candidate for the year. The Award will be presented at the Annual Meeting of the Association of Child Neurology Nurses. The nomination form is available on the CNS/ACNN website.

For any questions contact Amy Vierhile at amy_vierhile@urmc.rochester.edu

Phone Inquires: Amy Vierhile, RN, MS, C-PNP, 585/275-4762

CHILD NEUROLOGY SOCIETY Personnel Registry

CNS PERSONNEL REGISTRY ARIZONA

Pediatric Neurologist

*Brenda Martz, HR Coordinator |
brenda_martz@dmgaz.org*

District Medical Group Inc. (DMG) is one of the largest multi-specialty practices (www.dmgaz.org) in Metropolitan Phoenix and in conjunction with Maricopa Integrated Health System (www.mihs.org), is seeking a second full time Board Certified/Eligible Pediatric Neurologist.

Maricopa Medical Center (MMC) is a full-service, 449-bed hospital with a Level 1 Trauma/Burn Center (Adult and Pediatrics). The hospital is committed to top notch Pediatric care as evidenced by its designation as a children's hospital and is home to Arizona Childrens Center.

Modern neurophysiology and scanning equipment are in use. There are strong, collegial relationships with Neurosurgery and Radiology/ Neuroradiology.

Call responsibilities are shared and not burdensome, allowing time for family and the ability to enjoy the vibrant lifestyle that Phoenix offers. Spanish language proficiency would be beneficial, but not required.

The successful candidate must enjoy direct patient care as well as teaching and supervision of both medical students and residents.

DMG is a non-profit multi-specialty physician group committed to providing clinical services to the underserved population of Maricopa County. MMC is a teaching institution which hosts 9 residency programs and multiple Fellowships for which DMG physicians are core faculty. The organizations are both affiliated with the University of Arizona Medical School and MMC serves as clinical partner.

DMG offers a competitive compensation plan and a comprehensive benefits package including paid vacation, CME allowance with paid time off, employer paid medical malpractice insurance (includes tail). Relocation assistance is available.

For consideration, please forward your CV to: practice@dmgaz.org

EOE

CNS PERSONNEL REGISTRY CALIFORNIA

Assistant, Associate or Full Professor (HS Clinical) Pediatric Neurology

Ryan Vandergriff | ryan@jobrephant.com

The Department of Neurosciences within in the School of Medicine at UC, San Diego is committed to academic excellence and diversity within the faculty, staff and student body. The Department of Neurosciences invites applications from outstanding candidates for Faculty appointment. UC San Diego and Rady Childrens Hospital Medical Foundation are recruiting a general pediatric neurologist. The division is an integral part of the Department of Neurosciences and, as such, is fully participating in the exciting new developments within the Department and the distinguished Neurosciences community at UCSD. We seek to recruit a pediatric neurologist who is board eligible or board certified by either the ABPN Clinical Neurophysiology or ABCN Board, to participate in clinical outpatient and inpatient activities at Rady Childrens Hospital San Diego, and to participate in the teaching and training of medical students, residents, and fellows. Clinical or translational research interests are strongly encouraged. The Department provides

excellent opportunities for teaching and other patient care/academic interests with time dedicated to teaching and scholarly activity at one of the nations top-ranked Medical Schools and one of the most academically productive Departments of Neurosciences in the country. The level of appointment will be commensurate with qualifications and experience. Successful candidates will also demonstrate strong or potential accomplishments in areas contributing to diversity, equity and inclusion, and a desire to play a leadership role in advancing UC San Diego's commitment to achieving excellence and diversity. The department is interested in candidates who have demonstrated commitment to excellence by providing leadership in teaching, research or service towards building an equitable and diverse scholarly environment.

Salary is commensurate with qualifications and based on University of California pay scales.

Review of applications will begin on February 28, 2014 and continue until the position is filled.

Interested applicants must submit a CV and a separate statement describing their past experience and leadership in equity and diversity and/or their potential to make future contributions in the field (see <http://facultyequity.ucsd.edu/Faculty-Applicant-C2D-Info.asp> for further information). Additional information that can be submitted include a cover letter, a statement of research, and a statement of teaching. Please submit all application materials to our on-line application collection system at: Pediatric Neurology: <http://apptrkr.com/429546>

UCSD is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to excellence through diversity.

Faculty positions in Child Neurology, Childrens Hospital Los Angeles

Wendy Mitchell | wmitchell@chla.usc.edu

We are recruiting for additional faculty in Child Neurology. There is a particular need for additional faculty with subspecialty interests in epilepsy, critical care neurology, neuroimmunology. Faculty with clinical research interests are encouraged to apply. Faculty with bench research interests will be considered. Board certification or eligibility in Neurology (Child) is essential. Faculty must be licensed in the State of California before hiring. We are unable to consider J-1 visa waiver applicants.

Epileptologist position: we seek a second pediatric epileptologist with particular emphasis on clinical neurophysiology. Training in EEG, long term monitoring and epilepsy surgical planning and monitoring is a top priority. Board certification in Clinical Neurophysiology or Epilepsy is highly desirable.

Childrens Hospital Los Angeles is a busy, urban teaching hospital with a diverse patient population. New hospital facilities opened in July 2011. There is an active outpatient Neurology Clinic, with subspecialty clinics in Movement Disorders, Neuromuscular Disorders (MDA), Intractable Epilepsy, Neurocutaneous Disorders. A multidisciplinary neuroimmunology clinic is in planning stages. There is ongoing clinical research program within the Neurology Division. Four CHLA satellite clinics within the greater Los Angeles area are operating.

Academic appointment is at Keck School of Medicine, University of Southern California, at a level appropriate for training and experience.

Women, minorities and persons with disabilities are encouraged to apply. USC is an EO/AA employer.

CONTACT:

Wendy G. Mitchell M.D.
Childrens Hospital Los Angeles
4650 W. Sunset Blvd.
Los Angeles, CA 90027
323/361-2498
fax: 323/361-1109
wmitchell@chla.usc.edu

or Kathy Hill
323/361-4575
khill@chla.usc.edu

Pediatric Neurologist

Lora Leiga | lleiga@choc.org

The CHOC Childrens Specialists is seeking a Board Certified/Eligible Pediatric Neurologist to join fourteen board certified colleagues and three nurse practitioners in a dynamic, growing team under the leadership of Dr. Mary L. Zupanc. The practice serves a population base in excess of 2,400,000 people providing inpatient consultation services and outpatient services. Call schedule and working environment are well balanced. The practice offers a full range of Pediatric Neurology services including a comprehensive pediatric epilepsy program with Level 4 designation. Our pediatric neurosurgery department includes 3 neurosurgeons with active collaboration.

Clinical research is encouraged and supported, with opportunity for academic appointment at the University of California, Irvine. Opportunities to teach include medical students, pediatric residents, pediatric neurology fellows, and clinical neurophysiology fellows.

Existing multidisciplinary programs with support from psychology, psychiatry, social work, pharmacy, and registered dietitians include epilepsy, ketogenic diet, hypothalamic

hamartoma, concussion/TBI, muscular dystrophy, and Down syndrome. A sleep program, tuberous sclerosis/phakomatosis, and headache programs are currently in development.

Board certification preferred with post fellowship clinical experience and special interest in movement disorders, headaches, neuroimmunology, or developmental/autism. Applicants should have strong clinical skills in general pediatric neurology, and will be expected to actively participate in program development and education.

The CHOC Childrens Specialists, a private pediatric subspecialty group, is composed of more than 150 nationally recognized physicians with 19 pediatric subspecialties. The group practices at CHOC Childrens, a premier healthcare system based in Orange County, CA with a 279 bed state of the art freestanding Childrens Hospital with 30 PICU, 12 CVICU, and 54 NICU beds and several satellite clinics. Already the regional leader in pediatric care, with four centers of excellence – The CHOC Childrens Heart, Neuroscience, Orthopaedic, and Hyundai Cancer Institute. CHOC has built one of the most advanced, safest childrens hospitals in the world, which opened in Spring 2013.

CHOC Childrens Hospital is affiliated with the University of California, Irvine. Named one of the best childrens hospitals by *U.S. News & World Report* and Leapfrog Top Hospital in 2013. 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.

Orange County, California, is famous for its warm climate. Orange County boasts unbeatable entertainment, shopping and attractions and with the beach, mountains and desert all within short driving distances. Salary, benefits, and academic range are competitive and commensurate with experience.

CALIFORNIA continued

For immediate consideration, please send CV to: neurologyposition@choc.org

For additional information, visit our website at www.choc.org/specialists

CNS PERSONNEL REGISTRY COLORADO

Neurodevelopmental and Behavioral Pediatrics

Mendy King | mendy@millicansolutions.com

On behalf of the University of Colorado School of Medicine and Childrens Hospital Colorado, MillicanSolutions, Inc. is pleased to inform you of the inception of a national search for candidates to practice in The Section of Neurodevelopmental and Behavioral Pediatrics at the Anschutz Medical Campus located in Aurora, CO.

The Section of Neurodevelopmental and Behavioral Pediatrics seeks a board certified/board eligible physician to complement the clinical and research activities of the section. This is a full time position including attending physician responsibilities, participation in resident and fellow education, pursuit of academic endeavors appropriate for promotion, and contributions to administrative responsibilities.

CNS PERSONNEL REGISTRY FLORIDA

Pediatric Neurologist

Ana Bermudez | abermudez@nnpmd.com

Neuro Network Partners seeks two pediatric neurologist for their private/academic practice at Miami Children's Hospital and affiliated Miami Children's Hospital Dan Marino Center. The practice consists of 5 outpatient locations, 16 pediatric neurologists, 10 pediatric nurse practitioners, and 3 Physician Assistants. The candidate must be board certified or board eligible in Neurology. This is a full-time clinical position that includes outpatient clinics, attending on the inpatient pediatric neurology service and teaching responsibilities. There are opportunities for research and clinical trials.

Send CV and brief description of relevant experience, current interests and career goals to: Roberto Tuchman, MD 2900 South Commerce Parkway, Weston FL 33331. 954/385-6276 Fax 786/268-1733

Child Neurologist

Sandra Toro | storo@floridapediatrics.com

Eighty Physician pediatric multi-specialty group with locations in Tampa, St. Petersburg, Orlando and surrounding areas seeking BE/BC Child Neurologist to join our busy practice. We are seeking a compassionate, high-energy person who possesses a desire to make a difference in the lives of our patients and community. Our practice offers exceptional benefits and partnership opportunity. A detailed list of our compensation package is available upon request. Our practice is involved in hospital care as well as a full time clinic practice. We currently have three physicians and three nurse practitioners who are involved in hospital coverage, telephone coverage and clinic care of patients.

Dr. Barr is the Director of Child Neurology at Walt Disney Pavilion at Florida Hospital for Children and is affiliated with Arnold Palmer Childrens Hospital and Winnie Palmer Hospital for Women and Infants. Both hospitals are developing stronger neuroscience programs for Central Florida.

The Orlando area is ranked as one of the fastest growing cities in the country with the sixth largest university in the US being the University of Central Florida. The university opened their new medical school campus along with a new medical/research corridor, anchored by Burnham Institute. This exciting change in the community dynamic also provides many new opportunities for research as well as academia.

Developmental Neurologist

Kathlynn Sarvida | k.sarvida@jobtarget.com

Nemours Children's Hospital (NCH) in Orlando is seeking a Developmental Neurologist to join our growing medical staff.

JOB REQUIREMENTS

Physician candidates must be eligible for unrestricted Florida License and have completed a Pediatric Neurology fellowship and a fellowship in Neurodevelopmental Disabilities. Call will be for Pediatric Neurology service only with no adult call. This position is to join an existing staff of three pediatric Neurologists.

Nemours offers an opportunity to develop a multifaceted career path that may include specialized clinical programs, teaching, laboratory and/or clinical research. An extensive intramural program provides funding and support for the development of research programs. There are opportunities to develop Epilepsy, Headache, Sleep, Movement Disorders, Neuroimmunology or Stroke interests.

Our new state-of-the-art, academic, free-standing children's hospital includes a new level for patient and family experience, up to 137 inpatient beds (over 250 in phase 2), ambulatory clinics, and a research and education center, including a 250-seat auditorium. The third floor houses the critical care services, including 10 PICU beds, 13 NICU beds and 18 shelled additional ICU beds.

Located in Orlando's new Lake Nona Medical City, adjacent neighboring institutions – including the University of Central Florida (UCF) College of Medicine, Sanford-Burnham Medical Research Institute, Orlando Veterans Affairs Medical Center, University of Florida (UF) Research and Academic Center, and M.D. Anderson Orlando Cancer Research Center – offer partners for research and academic collaboration. The vision is for the institution to differentiate itself through a combination of excellent family experience, creation of multidisciplinary tertiary programs, and cutting-edge research.

As one of the nation's leading pediatric health care systems, Nemours provides world-class clinical care in four states: Delaware, Florida, New Jersey and Pennsylvania. Orlando is now home to Nemours Children's Hospital, part of a unique, state-of-the-art health campus that includes a new Nemours Children's Clinic, an ambulatory diagnostic center, and extensive research and education facilities. As part of Nemours' fully integrated

system of care, we have access to the specialists and resources of the Nemours/Alfred I. duPont Hospital for Children in Wilmington, Delaware – named among the nation's best in pediatric specialty care by *U.S. News & World Report*.

Nemours Physicians practice a coordinated team approach by using a sophisticated, industry-leading electronic medical record (EMR).

Interested physician candidates may contact Brian Richardson, Physician Recruiter: 407/650-7670, Brian.Richardson@nemours.org or submit CV online: <http://careers.nemours.org/jobs/67173/>

As an equal opportunity employer, Nemours is committed to focusing on the best-qualified applicants for our openings.

Contact Us: Brian.Richardson@nemours.org

Child Neurology Program Leader Needed in West Palm Beach, FL

Lane Mitnick | lane.mitnick@tenethealth.com

We are Tenet Florida Physician Services (<http://www.tenetfloridaphysicianservices.com>), a progressive, comprehensive multispecialty group comprised of over 125 physicians in all specialties throughout Palm Beach, Fort Lauderdale, and Miami. Tenet owns and operates 10 South Florida hospitals, including the Palm Beach Childrens Hospital. We have a community need to bring pediatric neurologists to join our 40+ physician neuroscience network. We have neurologists, subspecialists, interventional neurologists, neurosurgeons (adult and pediatric), physiatrists, and adult and pediatric neuropsychologists. We are looking for pediatric neurologists to join us at Palm Beach Children's Hospital.

The Palm Beach Childrens Hospital offers a wide array of specialized services, including:

- The only pediatric heart surgery program between Orlando and Hollywood

Some of the benefits of becoming employed by Tenet Health System include:

- Guaranteed salary with production bonus as you grow your practice
- Physician paid time off (4 weeks paid time off + 1 week CME with stipend)
- Malpractice, Health, Dental, life insurance, retirement benefits
- Electronic Health Records
- Higher than average insurance reimbursement rates; Tenet negotiates nationally with the force of our 49 hospitals thousands of physicians
- Professional centralized billing, coding, and collections
- In-house legal team, risk management, and compliance staff

We are currently conducting a confidential search for qualified candidates. If you would like to obtain additional information about this opportunity, please forward your CV to:

Lane Mitnick, Physician Recruiter, Tenet South Florida at 561/288-5511, lane.mitnick@tenethealth.com.

All applications and discussion will be kept confidential. <http://www.tenetfloridaphysicianservices.com> <http://www.stmaryschildrensmc.com/>

Pediatric Neurology Faculty

Mary Akins | washimp@peds.ufl.edu

The Division of Pediatric Neurology at the University of Florida College of Medicine in Gainesville, Florida seeks to expand its diverse faculty ranks. Pediatric neurologists with subspecialty expertise are of particular interest, especially those with strengths in neuro-immunology, movement disorders, neurodevelopmental disabilities, neuromotor disorders, and neuromuscular disorders. A full range of academic physicians are needed, from clinician-educators to clinical researchers to physician-scientists.

The Department of Pediatrics at the University of Florida College of Medicine is the premier academic medical center for children in northern Florida, and hosts a broad range of NIH-funded biomedical scientists and clinical researchers, with

a strong institutional commitment to mentoring early career faculty. There is an abundance of research opportunities and possibilities for collaboration throughout the university.

Gainesville, Florida is a classic college town, with numerous cultural offerings, abundant housing options, easy commutes, outstanding school districts, access to numerous outdoor activities, and spectacular weather year-round.

Cover letters and curriculum vitae may be sent to Peter B. Kang, MD, Chief, Division of Pediatric Neurology, pbkang@ufl.edu.

Director, Pediatric Epilepsy Program

Mary Akins | washimp@peds.ufl.edu

The Division of Pediatric Neurology at the University of Florida College of Medicine in Gainesville, Florida seeks a director of an expanding pediatric epilepsy program. The pediatric epilepsy program currently has three full-time faculty members, complemented by ongoing collaborations that include adult epileptologists, neurosurgeons, and neuroradiologists. A full array of outpatient and inpatient neurophysiology resources are available. The new director will lead the groups research efforts and coordinate expansion of its clinical activities. Academic rank will be commensurate with experience; the ideal candidate would have at least several years of faculty experience and clear research interests.

The Department of Pediatrics at the University of Florida College of Medicine is the premier academic medical center for children in northern Florida, and hosts a broad range of NIH-funded biomedical scientists and clinical researchers who benefit from robust institutional support. There is an abundance of research opportunities and possibilities for collaboration throughout the university.

Gainesville, Florida is a classic college town, with numerous cultural offerings, easy commutes, abundant housing options, excellent school districts, access to numerous outdoor activities, and spectacular weather year-round.

FLORIDA continued

Inquiries and applications may be directed to Peter B. Kang, MD, Chief of the Division of Pediatric Neurology, pbkang@ufl.edu.

Developmental Neurologist, Orlando, Florida

Katrin Opay | k.opay@jobtarget.com

Nemours Children's Hospital (NCH) in Orlando is seeking a Developmental Neurologist to join our growing medical staff.

Physician candidates must be eligible for unrestricted Florida License and have completed a Pediatric Neurology fellowship as well as fellowship in Neurodevelopmental Disabilities. Call will be for Pediatric Neurology service only with no adult call. This position is to join an existing staff of three pediatric Neurologists.

Nemours offers an opportunity to develop a multifaceted career path that may include specialized clinical programs, teaching, laboratory and/or clinical research. An extensive intramural program provides funding and support for the development of research programs. There are opportunities to develop Epilepsy, Headache, Sleep, Movement Disorders, Neuroimmunology or Stroke interests.

Our new state-of-the-art, academic, free-standing children's hospital includes a new level for patient and family experience, up to 137 inpatient beds (over 250 in phase 2), ambulatory clinics, and a research and education center, including a 250-seat auditorium. The third floor houses the critical care services, including 10 PICU beds, 13 NICU beds and 18 shelled additional ICU beds.

Located in Orlando's new Lake Nona Medical City, adjacent neighboring institutions – including the University of Central Florida (UCF) College of Medicine, Sanford-Burnham Medical Research Institute, Orlando Veterans Affairs Medical Center, University of Florida (UF) Research and Academic

Center, and M.D. Anderson Orlando Cancer Research Center – offer partners for research and academic collaboration. The vision is for the institution to differentiate itself through a combination of excellent family experience, creation of multi-disciplinary tertiary programs, and cutting-edge research.

As one of the nation's leading pediatric health care systems, Nemours provides world-class clinical care in four states: Delaware, Florida, New Jersey and Pennsylvania. Orlando is now home to Nemours Children's Hospital, part of a unique, state-of-the-art health campus that includes a new Nemours Children's Clinic, an ambulatory diagnostic center and extensive research and education facilities. As part of Nemours' fully integrated system of care, we have access to the specialists and resources of the Nemours/Alfred I. duPont Hospital for Children in Wilmington, Delaware – named among the nation's best in pediatric specialty care by *U.S. News & World Report*.

Nemours Physicians practice a coordinated team approach by using a sophisticated, industry-leading electronic medical record (EMR).

Interested candidates should forward their formal CV to Richard Finkel, M.D., Division Chief, Division of Neurology: rfinkel@nemours.org, or submit CV online: <http://careers.nemours.org/jobs/67173/>

As an equal opportunity employer, Nemours is committed to focusing on the best-qualified applicants for our openings.

Contact Us: rfinkel@nemours.org

Child Neurologist

Katrin Opay | k.opay@jobtarget.com

Nemours Children's Hospital (NCH) in Orlando is seeking a Child Neurologist to join our growing medical staff.

Physician candidates must be eligible for unrestricted Florida License and have completed a Pediatric Neurology fellowship. Call will be for Pediatric Neurology service only with no adult call. This position is to join an existing staff of

three pediatric Neurologists with a fourth to be added.

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As an equal opportunity employer, Nemours is committed to focusing on the best-qualified applicants for our openings.

Contact Us: rfinkel@nemours.org

Pediatric Neurologist

Guillermo Philipps | guillermo.philipps@leememorial.org

Golisano Children's Hospital of Southwest Florida is currently seeking physicians who have a passion for clinical care to join our multispecialty employed physician group

that consists of more than 350 primary and specialty care physician and advanced providers. Golisano Children's Hospital of Southwest Florida is currently recruiting for the following opportunity:

Full time General Pediatric Neurologist:
We treat a wide range of general pediatric neurology disorders including neuro-developmental disorders such as ADHD, autism, and developmental delay. Responsibilities include outpatient and inpatient patient care.

Benefits include: Competitive salary, sign-on bonus, generous vacation, continuing education allowance, relocation allowance, robust health benefits, 403 B retirement plan, and sovereign immunity

Employed Physician Requirements: Full time/Legally authorized to work in the US, MD or DO certificate, Board Certified or Board eligible in Child Neurology, Unrestricted Florida License, Accredited United States Residency or Fellowship Program, NO Visa Waiver available

Please send CV to Guillermo Philipps M.D. via email or mail to Women and Children's Medical Plaza 15901 Bass Road, Suite 108. Fort Myers, FL 33908

Director, Neuroscience Institute

*Mendy King |
mendy@millicansolutions.com*

On behalf of All Childrens Hospital (ACH) and the Johns Hopkins Health System, MillicanSolutions, Inc. is pleased to inform you of the inception of a national search for physician leadership candidates for the Director, Neuroscience Institute role located in St. Petersburg, FL.

The goals of the Neuroscience Institute is to provide comprehensive, multidisciplinary care for patients with neurological disorders, to develop meaningful patient and student education programs, and to establish an environment that will foster the growth of clinical and basics science research. The neurosurgeons and neurologists work closely with All Childrens specialists in pediatric neuro-oncology, pediatric

neuroradiology, and neuropathology, along with the full range of pediatric subspecialty care. The multidisciplinary care team includes skilled physician assistants, nurse practitioners, nurses and technologists, working together to provide comprehensive care before, during and after hospitalization and handling approximately 1,300 inpatient discharges per year.

The new Director will benefit from significant opportunities for personal and professional development. Efforts will be bolstered by an enriching collaborative relationship with JHM Baltimore for the continued development of cutting-edge educational and research programs in Autism, Developmental Medicine, Psychiatry, Psychology, Psychiatry, and Hematology-Oncology.

Top 5-goals of the Neuroscience Director will be:

- Lead the growth of research efforts related to the neurosciences at ACH and promotion of academic efforts
- Development of integrated care networks for the treatment of patients across the continuum of care
- Recruitment of faculty and clinical physicians to expand the mission of ACH and the Neurosciences Institute
- Identify care delivery protocols to decrease variation in treatment outcomes

Lead ACH in becoming the preeminent location for pediatric neurosciences in the state of Florida

About All Childrens Hospital: Children are the sole focus of All Childrens Hospital and its new, one-million-square-foot St. Petersburg, FL campus devoted to pediatric specialty care. The ten-story All Childrens Hospital and its adjacent Outpatient Care Center (dedicated in January 2010) replaced an existing 42-year-old facility. All Children's Hospital is a leader in pediatric treatment, education, research and advocacy. It is the only specialty-licensed freestanding childrens hospital on Floridas west coast, and one of three statewide. As a regional referral center for children with some of the most challenging medical problems, All Childrens draws patients from throughout Florida, all 50 states and 36 foreign countries. Even the most fragile

patients benefit from All Childrens highly specialized staff, services and facilities, including heart transplantation, blood and marrow transplantation, pediatric trauma services and one of the largest Neonatal Intensive Care programs in the Southeastern United States.

All Childrens Hospital became part of the Johns Hopkins Health System (JHHS) and a fully integrated member of Johns Hopkins Medicine (JHM) on April 1, 2011. All Childrens is the first U.S. hospital outside of the Baltimore/Washington, D.C. region to become integrated with JHM, which includes the Johns Hopkins University School of Medicine and The Johns Hopkins Hospital and Health System.

Additionally, after working with a consortium of Johns Hopkins University School of Medicine faculty members, the design of a new pediatric residency program is underway with the first class of trainees expected to enter the program in July 2014.

We would appreciate the opportunity to discuss this opportunity with you in detail. Inquiries should be directed to Marcel Barbey at 817/707-9034 or via e-mail at marcel@millicansolutions.com. All inquiries will remain confidential without your prior approval.

CNS PERSONNEL REGISTRY
KENTUCKY

Pediatric Neurologist

*Rebecca McCoy |
m_rebecca.mccoy@louisville.edu*

University of Louisville/Kosair Childrens Hospital seeks a trained Pediatric Neurologist,(term/tenure) rank based on experience, to expand our growing Child Neurology Program. Responsibilities will include a combination of outpatient and inpatient duties, with opportunities for teaching and research. Subspecialty interest will be considered.

You will be joining a dynamic and growing Child Neurology Division with six Child Neurologists, with plans to hire four additional Child Neurologists, both general and specialized, over the next two years. Seven inpatient and outpatient

KENTUCKY continued

Child Neurology Nurse Practitioners support the division, including two Pediatric Epilepsy NPs. We also have three pediatric Neuro-Radiologists and three pediatric Neurosurgeons who work with our team. Specialty Clinics currently include New Onset Seizures, Ketogenic Diet, Neurogenetics, Neuro-Oncology, Stroke, and an MDA sponsored Neuro-Muscular Clinic.

Neuromuscle Pediatric Neurologist

Rebecca McCoy |
m_rebecca.mccoy@louisville.edu

University of Louisville/Kosair Childrens Hospital seeks a trained Pediatric Neuromuscular Specialist, (term/tenure) rank based on experience, to expand our growing Child Neurology Program. Responsibilities will include a combination of outpatient and inpatient duties, with opportunities for teaching and research.

You will be joining a dynamic and growing Child Neurology Division with six Child Neurologists, with plans to hire three additional Child Neurologists, both general and specialized, over the next two years. Seven inpatient and outpatient Child Neurology Nurse Practitioners support the division, including two Pediatric Epilepsy NPs. We also have three pediatric Neuro-Radiologists and three pediatric Neurosurgeons who work with our team. Specialty Clinics currently include New Onset Seizures, Ketogenic Diet, Neurogenetics, Neuro-Oncology, Stroke, and an MDA sponsored Neuro-Muscular Clinic.

CNS PERSONNEL REGISTRY LOUISIANA

Pediatric Neurology

Courtney Lawhun | clawhun@ochsner.org

Ochsner Health System in New Orleans is seeking a third Pediatric Neurologist to join our team of two physicians. Recent graduates and experienced physicians are invited to consider joining our division.

The Department of Pediatrics and our pediatric subspecialists (collectively, Ochsner for Children) represent over 100 physicians. The group is the regions leading integrated provider of multispecialty care for infants, children, adolescents, and young adults. We offer a full range of pediatric services and have a combined pediatric residency program with Tulane Medical School. We are also the Clinical School for the University of Queensland School of Medicine.

Our neurology team includes neurologists with subspecialty expertise in stroke, neurointensive care, movement disorders, epilepsy, pain management, neuroimmunology, neuromuscular disorders, and neuroimaging. Ochsner Health System is a physician-led, non-profit, academic, multi-specialty, healthcare delivery system. Our mission is to Serve, Heal, Lead, Educate, and Innovate. The system includes 9 hospitals and more than 40 health centers throughout Southeast Louisiana. Ochsner employs over 900 physicians representing all major medical specialties and subspecialties. We conduct over 575 ongoing clinical research trials annually. We offer an excellent comprehensive benefits package and also enjoy the advantage of practicing in a favorable malpractice environment in Louisiana. Please visit our website at www.ochsner.org.

New Orleans is one of the most exciting and vibrant cities in America. Amenities include multiple universities, academic centers, professional sports teams, world-class dining, cultural interests, renowned live entertainment and music.

Ochsner is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, disability status, protected veteran status, or any other characteristic protected by law.

Please send CV to: profrecruiting@ochsner.org, Ref # APEDN10, or call 800/488-2240 for more information.

Sorry, no J1 visa opportunities available.

CNS PERSONNEL REGISTRY MINNESOTA

Pediatric Neurology Opportunity – Noran Neurological Clinic – Minneapolis/St. Paul, MN

Kristin O'Brien | kobrien@cejkasearch.com

Noran Neurological Clinic, a 35-physician Neurology group seeks an additional board certified/board eligible Pediatric Neurologist. Currently, they have three Pediatric Neurologists and are recruiting a fourth due to growth.

Noran Neurological Clinic is the nations largest privately-owned neurology clinic. In addition to their 35 physicians, their team consists of seven allied health professionals and four neuropsychologists. They have been providing comprehensive neurological services for more than 40 years and currently see patients at six metropolitan locations in Minnesota. Noran Neurological Clinic was named to *Star Tribunes* Top 100 Workplaces for the 4th Consecutive Year.

Interested candidates should possess excellent training and credentials; be personal and collegial, and dedicated to patient care. The opportunity exists to pursue academic interests and research.

Position offers a competitive income guarantee, production incentives, a full and comprehensive benefits package and partnership opportunities.

The Twin Cities area of Minneapolis-St. Paul is cosmopolitan at its heart and small town along its perimeter. Not identical twins, but different in architecture and ambiance, these twin cities each offer their own approach to an exciting arts scene, landmark architecture, terrific restaurants and intriguing museums. For sports fans, there are scores of choices.

To learn more, visit:
<http://www.noranclinic.com/>

Contact Beth Briggs at 800/678-7858 x64454; email ebiggs@cejkasearch.com; or visit www.cejkasearch.com. ID#152500C1.

Pediatric Epileptologist

Kit Brady | kbrady@gillettechildrens.com

The Center for Pediatric Neurosciences at Gillette Childrens Specialty Healthcare seeks a Pediatric Epileptologist to join our expanding program. Gillette is an independent childrens hospital, located in Saint Paul MN. It is devoted to the care of children with childhood onset disabilities. We bring together the pediatric specialties of neurology, neurosurgery, pediatric rehabilitation medicine, sleep health, neuropsychology, and psychology to deliver the best outcomes and quality of life for patients with underlying neurological disorders.

The Neurology and Sleep Medicine Section is comprised of 8 pediatric neurologists, 2 pediatric sleep medicine specialists, and 4 nurse practitioners. Our practice is weighted towards children and adolescents with medically intractable epilepsy. Four pediatric neurosurgeons and 4 nurse practitioners support the neurosurgical needs of the hospital and clinics. Six excellent neurodiagnostic technologists support the work of our accredited EEG laboratory; we also have an active IONM program. We work collaboratively with our accredited sleep laboratory. Experienced neuro-radiologists, intensive care specialists, and anesthesiologists are part of our care team. Excellent support from nursing in both ambulatory and inpatient settings aids our practice. The qualified candidate will be BC/BE in neurology with special competence in pediatric neurology and be Minnesota licensed/license eligible. Additional subspecialty training in clinical neurophysiology or epilepsy, or significant clinical experience is strongly desired.

The Twin Cities of St. Paul and Minneapolis form a vital and thriving hub of arts, entertainment, business, culture

and technology. Gillette has received a number of awards recognizing it as a top workplace both locally and nationally.

Contact Beverly Wical, MD, Section Chair, Neurology and Sleep Medicine at 651/325-2325; e-mail:bwical@gillettechildrens.com; or contact Kit Brady, Manager of Human Resources, at 651/325-2312; e-mail:kbrady@gillettechildrens.com. EEO/AA.

Child Neurologist for Children's Hospitals and Clinics

Judy Brown | Judy.Brown@childrensmn.org

CHILDRENS HOSPITALS AND CLINICS OF MINNESOTA, one of the top ten largest childrens hospitals in North America and the largest in the Upper Midwest, is looking to add a third neurologist to our established and developing neurology department comprised of two neurologists and three pediatric nurse practitioners.

Our Neurology Division provides both inpatient and outpatient general pediatric neurology coverage for the full scope of diagnoses including movement disorders, neuro-oncology, seizures, stroke, headaches, neurodegenerative disease, congenital malformations and cerebral palsy. We draw patients from a 5 state region.

Childrens is committed to a vision of a regional center of excellence around pediatric neurosciences. This Neuroscience Center will bring all key subspecialties together under one roof, including epilepsy, all championing a highly integrated care model. This evolving program will have a dedicated inpatient unit targeted to open in

late 2013 for epilepsy, and medical/surgical neurology, with state of the art video monitoring capability. The opening of our new PICU in 2012 has also increased our ability to do state of the art monitoring, and we are in the process of expanding the neonatal neurointensive care program.

Childrens has over 380 beds, including 100 NICU beds and 30 PICU beds. Yearly, there are over 13,000 admissions, 22,000 surgeries, and 90,000 emergency room visits. The hospitals professional staff numbers more than 1,600 and represents all pediatric subspecialties.

Compensation/Benefits: We offer a lucrative compensation package including a base pay with incentive pay opportunities. Our comprehensive benefits package includes malpractice, health, dental, disability coverage, retirement plans, a solid CME package, PTO/CME time, and much more.

Community: The Twin Cities consistently rank as one of the top ten most livable cities in the US and is a wonderful place to live. There are over 2.5 million people in the metropolitan area and it has many cultural choices, restaurants, professional and college sports, as well as a beautiful place to live with dozens upon dozens of lakes within the city borders and 10,000 within the region.

Contact Information: Judy Brown, Administrator, Physician Recruitment Childrens Hospitals and Clinics of Minnesota
Office: 612/813-8133
Cell: 612/207-0443
Email: Judy.Brown@childrensmn.org
www.childrensmn.org

AD PLACEMENT

Ads may be placed in the CNS Newsletter with rates for text-only ads beginning at \$150. Graphic ads begin at \$525 for 1/4 page (email/call for rates). Ads placed in newsletter may also be placed on CNS Website for \$75 (\$225 for non-members).

Deadline for placement in the July/August issue is July 1.

TO POST AN AD:

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

Academic BC/BE Child Neurologist

Charlene L. Plotycia | physicianjobs@cmh.edu

The Division of Neurology in the Department of Pediatrics at Childrens Mercy Hospital, Kansas City, is seeking board eligible or certified child neurologists interested in academic general child neurology. Our institutional philosophy is patient- and family-centered and is highly supportive of physicians and providers.

Childrens Mercy Hospital is a free standing, not-for-profit hospital system. The Main Campus in Kansas City, Missouri is a 317-bed hospital with a 57-bed satellite hospital. Our faculty of 600 pediatricians and researchers cover more than 40 subspecialties and we are consistently ranked every year in the US News and World Report. We have more than 20 fellowship programs within the departments of pediatrics, cardiology, surgery, radiology, dentistry, anesthesiology, and pathology.

The Division of Neurology currently has fifteen board certified neurologists, fifteen nurses and seven nurse practitioners. We offer a residency in Child Neurology (two residents per year) and a fellowship in Neurophysiology (one fellow per year). Our training programs are partnered with the Department of Neurology at the University of Kansas Medical Center.

Our program offers a Comprehensive Level IV Epilepsy Center, a Comprehensive Headache Program, a Tourette Syndrome Clinic, and subspecialty clinics in movement disorders, neuro-rheumatology, neuro-genetics, and neuro-dermatology, all devoted exclusively to pediatrics. Our pediatric neurosurgery department includes four neurosurgeons, an active epilepsy surgery program and a deep brain stimulator program. We are building new sub-specialty and collaborative clinical and research programs in neonatal neurology, neuro-genetics, kernicterus and bilirubin-induced neurological disorders, and collaborate widely throughout our two affiliated medical centers. Our ketogenic diet program, supported by nurses,

nurse practitioners, three dieticians and a chef, is currently one of the largest in the country. Our patient population draws from 150 counties in Missouri and Kansas, and from adjoining states, and we are expanding to new underserved areas by incorporating Telemedicine for distant clinics and patients. Our Child Neurology Division is continuing to grow under the leadership of our new Chief, Dr. Steven M. Shapiro.

Our Pediatric Pharmacology Clinical and Research program now offers personalized pharmacogenetics. Our Human Genome Center has gained national attention for the 50-hour genome sequence targeted at acutely ill neonates and for whole exome and genome sequencing, most notably its application in the diagnosis of neurodevelopmental disorders. We have the support of a top Pediatric Bioethics program directed by Dr. John Lantos. Our Fetal Health Center is one of only a handful in the nation to provide a comprehensive, integrated delivery approach to improve outcomes for babies born with complex malformations. Our Level 1 Pediatric Trauma Center is the only one in our region and our Ward Family Center for Congenital Heart Disease is expanding to include cardiac transplant and a comprehensive Cardiac Neurodevelopmental Clinic. Childrens Mercy in collaboration with the Chairman of Adult Neurology at the University of Kansas, Dr. Richard Barohn, participates in several area-wide National Institutes of Health sponsored research programs including a Clinical and Translational Science Award (CTSA) and a Network for Excellence in Neuroscience Clinical Trials Clinical Science (NeuroNEXT) award.

Our vision is to provide excellent clinical care, excellent teaching, and to grow and expand subspecialty practice and research. Our hospital has committed to research and supported state-of-the-art programs in genetics, genomics, personalized pharmacology, and health outcomes research. Our administration and leadership are truly supportive of the faculty and staff in Neurology. We are committed to providing a cooperative, collegial working environment to allow faculty to grow and be productive in a low-stress, non-competitive environment.

As we grow, we have the flexibility to recruit from a wide spectrum of child neurologists from pure clinicians to pure researchers and everything in between.

Kansas City is a major mid-western city on the border of Missouri and Kansas with more than 2 million residents in its large metropolitan area that includes flourishing suburban communities. Nicknamed The Paris of the Plains and The City of Fountains, it is truly a wonderful place to live in, with great neighborhoods and varied cosmopolitan culture. It has been rated as one of the 50 Smart Places to Live by Kiplinger Magazine and other publications. The Kansas City metroplex contains a wide selection of highly rated public and private schools and is the regional home to several major colleges and universities. It has a robust offering of arts and entertainment from the Nelson-Atkins Museum of Art, Kemper Museum, Kaufman Performing Arts Center and Missouri Repertory Theatre to the city's professional and college sports teams. Kansas City's economy is driven by thousands of small businesses, tech start-ups, medical research, and is the headquarters of companies such as Hallmark, Sprint and Cerner. Most importantly, it's a community with a heart friendly, easy-going, forward-thinking and a great place to live and pursue a career.

Salary and academic range are competitive and commensurate with experience

EOE/AAP

Steven M. Shapiro, MD, MSHA
Director, Division of Neurology
Childrens Mercy Hospital and Clinics
Professor of Pediatrics, University of
Missouri-Kansas City
Professor of Neurology and Pediatrics,
University of Kansas
Email: sshapiro@cmh.edu

For more information contact
Charlene L. Plotycia,
Physician Recruiter
Phone: 816/983-6201
866/CMH-IN-KC – 866/264-4652
Email: physicianjobs@cmh.edu
www.childrensmercy.org

CNS PERSONNEL REGISTRY
NEW HAMPSHIRE

Pediatric Neurologist

pediatricneuro@dhphysicians.org

Dartmouth-Hitchcock Clinics Section of Child Neurology and Development in the Childrens Hospital at Dartmouth in conjunction with the Geisel School of Medicine at Dartmouth seeks an additional pediatric neurologist to join our staff at the medical center in Lebanon, NH. The successful candidate will be BC/BE with excellent general clinical pediatric neurology skills and a demonstrated interest in teaching, as well as interpersonal skills in maintaining long-term professional relationships with patients and their families. Subspecialty skills and training in epilepsy/neurophysiology are particularly desirable, but not required of candidates. Research opportunities are available and individuals with demonstration of successful research programs would be favorably considered. There is potential for this position to evolve into a leadership role, consequently, leadership experience is preferred, but not required. Academic appointment at the Geisel School of Medicine will be at a rank commensurate with experience.

Dartmouth-Hitchcock Medical Center is located in the beautiful Upper Valley of New Hampshire with easy access to the coastal waters and the mountains. New Hampshire has been designated as one of the most desirable places to live in the country. Interested applicants should forward CV and letter of interest electronically:

Vijay Thadani, MD and
Thomas N. Ward, MD
Department of Neurology
Dartmouth-Hitchcock Medical Center
One Medical Center Drive,
Lebanon, NH 03756
Email: pediatricneuro@dhphysicians.org

Dartmouth-Hitchcock is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, veteran status, or any other characteristic protected by law.

CNS PERSONNEL REGISTRY
NEW YORK

See Ad Below.

CNS PERSONNEL REGISTRY
NORTH CAROLINA

Carolinas Pediatric Neurology Care

Sarah Foster |
sarah.foster@carolinashealthcare.org

Carolinas Pediatric Neurology Care, a Carolinas HealthCare System Medical Group (CHSMG) practice, is currently seeking Pediatric Neurologists in the areas of General Child Neurology and Pediatric Epilepsy for both their Charlotte and Concord locations. Jeff Gordon Childrens Hospital in Concord, an affiliate of Levine Childrens Hospital in Charlotte, has the states only Level 3 Pediatric Dedicated EMU, a 6 bed unit. The unit has recently received Disease Specific Certification in Epilepsy from the Joint Commission. Epileptologists are needed to help run this established unit, as well as for the Pediatric patients in the combined Adult/Peds EMU at Carolinas Medical Center in Charlotte. A General Pediatric Neurologist

is also needed for the Charlotte location due to increasing patient volume.

Carolinas HealthCare System, one of the nations leading and most innovative healthcare organizations, provides a full spectrum of healthcare and wellness programs throughout North and South Carolina. Its diverse network of care locations includes academic medical centers, hospitals, freestanding emergency departments, physician practices, surgical and rehabilitation centers, home health agencies, nursing homes and behavioral health centers, as well as hospice and palliative care services. Carolinas HealthCare System works to enhance the overall health and wellbeing of its communities through high quality patient care, education and research programs, and numerous collaborative partnerships and initiatives.

Altogether, Carolinas HealthCare System has over 2,500 system-employed physicians and more than 60,000 employees, operating more than 40 hospitals and over 900 care locations.

ChooseCarolinasHealthCare.org



Behavioral Neurologist, Pediatric Neurology

The Department of Neurology at NYU Langone Medical Center, a world-class, patient-centered integrated academic medical center, has an exciting opportunity to join the Division of Child Neurology. The position will be on the tenure-eligible or non-tenure tract at NYU School of Medicine, depending on qualifications. We are seeking a Child Neurologist with a special interest in Behavioral Neurology to join our faculty. This faculty member will also work closely with the Child Study Center of the Department of Child and Adolescent Psychiatry at New York University.

The candidate should have demonstrated expertise in autism, neurodevelopmental disorders, and related disorders such as Attention Deficit Hyperactivity Disorder. It is expected that there will be close collaboration with child psychiatry. The position requires strong skills in the clinical or research aspects of pediatric neurology, as well as a commitment to excellence in teaching. Qualified candidates must also have a MD or MD/PhD degree and be board certified or eligible in Pediatric Neurology.

For consideration, please submit curriculum vitae, and cover letter to: **Steven L. Galetta, MD, Philip K. Moskowitz, MD Professor and Chair of Neurology, NYU Langone Medical Center, Ambulatory Care Center, 240 East 38th Street, New York, NY 10016; 646-501-7680; E-mail: jasmija.jahovic@nyumc.org**

NYU is an equal opportunity, affirmative action employer. Women and minority candidates are strongly encouraged to apply.

NORTH CAROLINA continued

Carolina Neurological Clinic – Ballantyne

Sarah Foster |
sarah.foster@carolinashealthcare.org

Carolina Neurological Clinic (CNC), a part of Carolinas HealthCare System Medical Group (CHSMG) is seeking a BE/BC general child neurologist for their Ballantyne location in South Charlotte. This opportunity is to replace a retiring physician. The practice is predominantly outpatient based with minimal hospital/inpatient work. CNC is a well-established practice with 10 providers (8 adult, 2 pediatric) who provide high-quality general neurology services with some specialty care. The current pediatric call expectation is 1:6, sharing call with other pediatric neurologists within the community.

Carolinas HealthCare System, one of the nations leading and most innovative healthcare organizations, provides a full spectrum of healthcare and wellness programs throughout North and South Carolina. Its diverse network of care locations includes academic medical centers, hospitals, freestanding emergency departments, physician practices, surgical and rehabilitation centers, home health agencies, nursing homes and behavioral health centers, as well as hospice and palliative care services. Carolinas HealthCare System works to enhance the overall health and wellbeing of its communities through high quality patient care, education and research programs, and numerous collaborative partnerships and initiatives.

Altogether, Carolinas HealthCare System has over 2,500 system-employed physicians and more than 60,000 employees, operating more than 40 hospitals and over 900 care locations.

CNS PERSONNEL REGISTRY OHIO

Pediatric Neurologist

Domonique Allds | alldsd@ccf.org

The Cleveland Clinic Neurological Institute is seeking an energetic physician interested in working in a multi-disciplinary environment and having an opportunity to build a subspecialty practice while continuing to utilize general child neurology training. At Cleveland Clinic, our pediatric neurology specialists oversee more than 10,000 patient visits each year. Our neurology staff, a team of nationally and internationally respected members, has subspecialty expertise in metabolic/mitochondrial disorders, headache, demyelinating disorders, neurofibromatosis, movement disorders, autonomic disorders, neuromuscular disorders, cerebrovascular diseases, and cardiomyopathy, among other interests. The group works in close collaboration with other pediatric disciplines to provide multidisciplinary care for our patients

The Cleveland Clinic Childrens Hospital is consistently ranked as one of the best in the United States by *US News & World Report* and the Center for Pediatric Neurology is ranked 8th in the Country.

Board certification in Neurology with special Qualification in Child Neurology and eligibility for medical licensure in Ohio are required. A faculty appointment at a rank commensurate with experience is available at the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University. Cleveland Clinic physicians enjoy a collegial work environment with a competitive salary enhanced by a very attractive benefits package.

Interested candidates should submit an application online: www.clevelandclinic.org/physicianrecruitment

Direct Inquires can be made to Kerry Levin, M.D., Department Chair Neurology 216/444-8370 levink@ccf.org

Cleveland Clinic is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority

groups, as well as others who would bring additional dimensions to its research, teaching, and clinical missions. Smoke/drug free environment.

CNS PERSONNEL REGISTRY SOUTH CAROLINA

Pediatric Neurology Opportunity – Columbia, South Carolina

Kristin O'Brien |
kobrien@cejkasearch.com

The Department of Pediatrics at the University of South Carolina School of Medicine seeks a Pediatric Neurologist with training in general pediatric neurology. The Division of Pediatric Neurology recently moved into newly renovated and expanded clinical areas with on-site outpatient video-EEG capabilities and recently opened an EMU.

The division is composed of one pediatric neurologist and three PNP's. The plan is to expand to three pediatric neurologists. An adult neurology residency is scheduled to begin this year. The Department is a close partner with Palmetto Health and its Children's Hospital and programs. In this position, you will practice purely consultative neurology and patient admissions will be handled by the Hospitalists.

Rated the top teaching department in the School of Medicine for the last 19 years, the Department of Pediatrics has a record of academic achievement, financial success and high faculty morale. A new, free-standing Children's Hospital opened in the Summer of 2008.

Position is full-time, non-tenure track and candidates must be board eligible/board certified in General Pediatrics and Pediatric Neurology. Responsibilities include teaching residents and medical students. A competitive salary and a comprehensive benefits package are offered. Rank is commensurate with experience.

Columbia is the state capital, and the home of the state's flagship university, the University of South Carolina. Columbia is the largest city in the state, with a metro population of nearly 700,000. Lake Murray provides

recreational opportunities and is an easy 20-minute commute from central Columbia. And Columbia is only two hours from Charleston's beaches and from Asheville's mountains.

The University of South Carolina is an affirmative action/equal opportunity employer.

Interested candidate should contact Beth Briggs at 800/678-7858 x64454 or ebriggs@cejkasearch.com.ID#146258C1.

Developmental-Behavioral or Neurodevelopmental Disabilities Pediatrician

*Stephanie Fong |
stephanief@spinrecruitment.com*

This Place Is Amazing
So is the difference YOU can make

Greenville Health System (GHS) Childrens Hospital in Greenville, South Carolina, has an opening for a BC/BE Developmental or Neurodevelopmental Disabilities Pediatrician to join a large multidisciplinary Developmental-Behavioral Pediatrics Division. The Division has a fully endowed Fellowship in Developmental-Behavioral Pediatrics and is part of the South Carolina LEND (Leadership Education in Neurodevelopment Disabilities) program. Job responsibilities include evaluation and treatment of a broad range of developmental-behavioral disorders, as well as teaching fellows, residents, medical students and other trainees in various related disciplines. There are also opportunities for research. The Division works closely with many community and regional programs that promote healthy child development including being the lead partner in Help Me Grow South Carolina and the Institute for Child Success.

GHS includes clinically excellent facilities with a total of 1,358 beds on 6 campuses. Our state-of-the-art Childrens Hospital houses a 50-bed medical-surgical unit, 79-bed Level-III NICU, 12-bed PICU, 14 Hematology-Oncology beds, a 4-bed Level-III Epilepsy Monitoring Unit, a dedicated Pediatric ER and pharmacy, as well as outpatient services staffed by hospital-

based pediatric specialists. GHS employs over 11,000 employees, including 800+ physicians on staff. We are a designated Level I Emergency Trauma Center and also have a separate research facility. We offer 14 residency and fellowship programs (including a top-ranked pediatrics residency program), and a new 4-year medical school, the University of South Carolina School of Medicine Greenville, which offers the opportunity for many diverse academic pursuits and further involvement in medical education.

Greenville, South Carolina is a beautiful place to live and work and the GHS catchment area is 1.3 million people. Greenville is located on the I-85 corridor between Atlanta and Charlotte, and is one of the fastest growing areas in the country. We are ideally situated near beautiful mountains, beaches and lakes. We enjoy a diverse and thriving economy, excellent quality of life, and wonderful cultural and educational opportunities.

Please submit letter of interest and current CV to In-house Physician Recruiter, Caroline Bates, cbates@ghs.org, Ph: 877/360-5579.

EOE

CNS PERSONNEL REGISTRY TENNESSEE

Academic BC/BE Pediatric Neurologist

*Cindy Butterbaugh |
cindy.r.butterbaugh@vanderbilt.edu*

Vanderbilt Medical Center/Vanderbilt Childrens Hospital is seeking a BC/BE Pediatric Neurologist to join our team. Recent graduates as well as experienced physicians are welcome to apply. Compensation is competitive and commensurate with training and experience. The successful candidate will be passionate about providing the highest quality care to children with neurologic issues. Candidates with subspecialty training and research interests are also encouraged to apply. The Pediatric Neurology Division is the region's leading provider of neurologic care for infants, children,

and adolescents. Our Neurology Division currently has 15 providers with subspecialty expertise in epilepsy, stroke, sleep, neuromuscular disorders, neurointensive care, movement disorders, pain management, and headache. Our Child Neurology residency program is categorical with 3 positions available each year. Nashville is one of the most exciting and vibrant cities in America. Amenities abound including multiple universities and colleges, NHL and NFL teams, an unparalleled music scene, moderate climate, low crime and affordable housing. Vanderbilt Medical Center is committed to a culturally diverse faculty and strongly encourages applications from female and minority candidates. Interested candidates should contact Kevin C. Ess, Chief of the Division of Pediatric Neurology at kevin.ess@vanderbilt.edu

CNS PERSONNEL REGISTRY TEXAS

Child Neurologist – Cook Children's Physician Network

*Debra Brimer |
debbie.brimer@cookchildrens.org*

Cook Childrens has an exciting opportunity for a full time child neurologist! This physician will join 11 other child neurologists, and will have ample opportunity to develop his or her own specialized areas of expertise. The candidate will become part of the Neurosciences Division at Cook Children's Medical Center and enjoy support from three pediatric neurosurgeons and three neuropsychologists. The candidate will have access to a ten-bed epilepsy monitoring unit, an active epilepsy surgery, movement and Deep Brain Stimulator programs. She/he will have support of a complete neurophysiology laboratory, Neuro PICU, Neuro NICU and will be able to refer children with movement disorders, spasticity, neuromuscular disorders, and headaches to other physicians within the group. The doctor who fills this position will care for patients in a variety of settings including hospital, clinic and out-reach areas.

Cook Children's Health Care System is a not-for-profit, nationally recognized

TEXAS continued

pediatric health care organization comprised of seven entities a Medical Center, Physician Network, Home Health company, Northeast Hospital, Pediatric Surgery Center, Health Plan and Health Foundation. Based in Fort Worth, Texas, the integrated system has more than 60 primary and specialty care offices throughout North Texas. Its service region includes Denton, Hood, Johnson, Parker, Tarrant and Wise counties, with an additional referral area encompassing nearly half the state.

Cook Children's Physician Network is the largest pediatric multi-specialty physician group in North Texas. The network is comprised of more than 300 physicians who provide medical care in primary care pediatric subspecialty practices located primarily in the greater Fort Worth metropolitan area and surrounding communities.

Qualifications:

Must be qualified to obtain an unrestricted Texas Medical License before commencing employment. Incumbent should be board certified/board eligible in child neurology.

Interested, please contact:

Debbie Brimer

Toll free number: 877/532-6657

email: debbie.brimer@cookchildrens.org

Developmental Pediatricians

Robin Kent | robin_kent@pediatrix.com

EXCITING OPPORTUNITIES FOR BC/BE DEVELOPMENTAL PEDIATRICIANS IN DALLAS or SAN ANTONIO, TEXAS

Pediatrix Medical Group has full-time opportunities available for developmental behavioral or neurodevelopmental pediatricians to join one of our developmental pediatric service practices in Dallas or San Antonio Texas.

As a Developmental Pediatrician, you will enjoy:

- Sharing cases and challenges with other developmental behavioral / neurodevelopmental pediatricians and advanced nurse practitioners.

- Caring for a diverse, stimulating patient population that includes neonatal follow up, as well as a broad range of other developmental diagnoses.
- Sharing in collegial and supportive relationships with neonatologists and other subspecialists.
- Participating in academic opportunities (CME and research) through Pediatrix without publication mandate.
- Fulfilling your MOC requirements and improving patient care through a well-developed system and support for continuous quality improvement projects. Board certification or board eligibility required. Newly graduating fellows are welcome to apply!

To apply for either of these positions or learn more about our benefits and our national group practice, visit www.pediatrix.com/clinicalcareers or contact Francine Messina at 800/243-3839, ext. 5635.

Pediatrix is an Equal Opportunity Employer

CNS PERSONNEL REGISTRY WEST VIRGINIA

BC/BE Pediatric Neurologist

Carol Wamsley | carol.wamsley@camc.org

The Charleston Area Medical Center is seeking a second fellowship trained Pediatric Neurologist. The successful candidate must be BC in Pediatrics and BE/BC in Pediatric Neurology with ability to obtain an active and unrestricted West Virginia Medical license, DEA and staff privileges at Charleston Area Medical Center.

This position will focus on a clinical practice with experience in the teaching of residents and medical students. Interest in clinical research will be actively supported.

Salary will be competitive at the national level and includes a generous sign-on bonus. Exceptional benefits package for you and your family.

Patients are admitted to Women and Childrens Hospital, a regional tertiary center for children, with referrals from

twenty surrounding counties. Women and Childrens Hospital includes a 30-bed inpatient pediatric unit, a 6-bed PICU with 4 additional transitional care beds staffed by board certified pediatric intensivists, and a Level III 26-Bed NICU staffed 24/7 by in-house board certified neonatologists.

Charleston is a vibrant community and offers an excellent family environment, with unsurpassed recreational activities and outstanding school systems.

CNS PERSONNEL REGISTRY WISCONSIN

UW Madison Child Neurology Residency

Jenny Broihahn |

broihahn@neurology.wisc.edu

The University of Wisconsin Department of Neurology is now accepting applications for two ACGME-accredited child neurology residency position to begin July 1, 2014 and July 1 2016.

The Department of Neurology provides neurological care for children at the American Family Childrens Hospital. This hospital is a very busy 61-bed regional tertiary referral center which provides experience in a wide range of neurological conditions. Built in 2007, the facilities are comfortable and modern. Inpatient units consistently run near capacity, and new, additional intensive care units are being built. The pediatric neurology faculty is consistently rated highly for teaching, and neurology residency graduates have an exceptionally high rate of passing their board exams on their first try with very high scores (100% since 2006).

We seek highly motivated candidates who enjoy taking care of children, and who work well together with others.

The University of Wisconsin offers competitive compensation and benefits, and the city of Madison is consistently ranked as one of the best places to live in the US, with natural beauty and limitless recreational opportunities. Interested candidates should apply through the National Resident Matching Program (NRMP).

Questions shall be addressed to:
Hrissanthi Ikonomidou, MD PhD
Professor of Child Neurology Director,
Child Neurology Residency Program
Department of Neurology
UW Medical Foundation
Centennial Building
1685 Highland Ave
Madison, WI 53705-2281

General Neurology Position

Kurt Hecox | khughes@mcw.edu

General Neurology Position

Childrens Hospital of Wisconsin and The Medical College of Wisconsin are seeking a pediatric neurologist to join a NIH funded, world class fMRI team working

to expand new non-invasive technologies to cortical mapping in young children. Interested candidates can submit CVs to:

Kurt Hecox, MD, PhD
PO Box 1997, MS C540
Milwaukee, WI 53201-1997
414/337-8702 | khecox@mcw.edu

Epilepsy Position

Kurt Hecox | khughes@mcw.edu

Epilepsy Position

Childrens Hospital of Wisconsin and The Medical College of Wisconsin are seeking a pediatric neurologist to join a team of eight neurologists and basic scientists using signal processing tools to perform

seizure localization, seizure prediction, and refine relationships between fMRI, PET, MEG, DTI and electrical studies with advanced technologies already in place. Candidates must have a comfort with quantitative studies, a willingness to learn new technologies, and enjoy working in a team atmosphere.

Interested candidates can submit CVs to:

Kurt Hecox, MD, PhD
PO Box 1997, MS C540
Milwaukee, WI 53201-1997
414/337-8702 | khecox@mcw.edu EEO

CHILD NEUROLOGY SOCIETY Residencies & Fellowships

CNS PERSONNEL REGISTRY ONTARIO

Pediatric Stroke Fellowship at The Hospital for Sick Children

Gabrielle deVeber |
gabrielle.deveber@sickkids.ca;
elisa.wilson@sickkids.ca

The Children's Stroke Program in the Division of Neurology at the Hospital for Sick Children, Toronto, Canada is recruiting for our Pediatric Stroke Fellowship. This clinical and research fellowship would be for two years in duration (one year requests will be considered) beginning between July to September 2014.

Candidates should have completed pediatric neurology training, and have a strong interest in an academic career in childhood stroke.

The Pediatric Stroke Fellowship provides excellent research and clinical training as

well as career mentorship. Our current Pediatric Stroke Fellowship has graduated 12 Stroke Fellows since July 1999. The graduates have obtained top level academic positions in Pediatric neurology focussed on stroke.

The Clinical Stroke Program consists of four full-time pediatric stroke neurologists, one full-time stroke nurse practitioner, a half-time clinic nurse and a full-time neuropsychologist. The Clinical Stroke Service involves 1-2 weekly, half-day stroke outpatient clinics and an average of 3 ward consults per week.

The Stroke Research Program focuses on institutional studies based on our extensive patient database including: risk factors, standardized outcome assessments (case control, cohort and laboratory studies) and multinational studies (international registries) aimed towards the development of international treatment protocols and clinical trials.

Our research program also includes basic research projects investigating the mechanism of ischemic injury and neuroprotection in the immature brain.

We hold strong research collaborations within the institution with research neuroimaging, and other clinical and basic laboratory research groups. Experience in paediatric thrombosis is available as part of this fellowship if desired.

Research activities for the fellowship will include independent stroke research studies as well as assisting with ongoing stroke program research studies. Fellows will be expected to publish completed studies in manuscript form.

Interested candidates should email a curriculum vitae and letter of interest with the subject line Stroke Fellowship Candidate to elisa.wilson@sickkids.ca and cc: gabrielle.deveber@sickkids.ca



Child Neurology Society
1000 West Cty Rd. E, Suite 290
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43rd Annual Child Neurology Society Meeting

October 22-25, 2014 | Hyatt Regency Columbus

"Mark Your Calendars! Set Your Alarms!"

- On-line Registration: June 22 - October 25
- Exhibitor Prospectus: Posted on-line May 30
- Abstract Acceptance Emails issued: May 22

To be eligible for discounted member registration fees, applications must be on file by June 15.

2014 Award Recipients

- Hower Award: *Dr. Michael Shevell*
- Bernard Sachs Award: *Dr. Gabrielle deVeber*
- The Arnold P. Gold Humanism in Medicine Award at the Child Neurology Society:
Dr. Kenton Holden
- Lifetime Achievement Award: *Drs. Richard Nordgren & Robert DeLong*
- Philip R. Dodge Young Investigator Award: TBA

*Neurobiology
of Disease in
Children Symposium:
Autism*

*Wednesday,
October 22*