

CONNECTIONS



CHILD NEUROLOGY SOCIETY

Bringing CNS Members Together to Make Children's Lives Better

Focus on
RESEARCH

Forty-Sixth
CNS ANNUAL MEETING
Kansas City, MO • October 4-7, 2017

Registration Information Inside for Annual Meeting

CHILD NEUROLOGY SOCIETY

From the President



Kenneth J. Mack, MD, PhD
President, CNS

We have much to be excited about and proud of as we move toward regathering in Kansas City this October as well as Chicago, Charlotte, San Diego, and Boston in the years to come.

Active and Enthusiastic: Research within Child Neurology

Part of my job as President is to support and recognize the pillars of excellence in our field in the realms of practice, education and research. Child Neurology Society members are actively and enthusiastically engaged in research and committed to expanding our knowledge base. Our members should be proud of their many accomplishments.

We see this commitment to excellence in research and education reflected in the 40 outstanding symposia proposals that Marc Patterson and the Scientific Selection Committee reviewed for our annual meeting.

It is demonstrated in the 250-300 quality abstracts submitted each year from which the Scientific Selection Committee chooses 175-200 for presentation at annual meeting platform and poster sessions.

It is demonstrated by the strong research contributions that this year's Hower (Nina Schor) and Sachs (Nico Moshé) awardees have made, as well as thought leaders like Huda Zoghbi and Eric Payne who are featured elsewhere in this issue of *Connections*.

The CNS Research Committee, under the recent leadership of Barry Kosofsky and Brad Schlagger, has been one of our society's most active and involved committees.

The Awards Committee, under Nigel Bamford's direction, annually reviews applications for the recently endowed CNS Philip R. Dodge Young Investigator Award and has seamlessly integrated review as well of applications for the Child Neurology Foundation Don Shields Research Grant, supporting clinical or translational research, and the Pediatric Epilepsy Research Foundation (PERF) Grant (thank you, Roy Elterman!) supporting clinical and basic research. It is worth noting that Nigel and his committee members do more than merely select "winners

and losers"; they provide meaningful mentorship by incorporating in all of their acceptance and non-acceptance correspondence detailed critiques constructively pointing out areas where improvement in conception, application, or description might be in order.

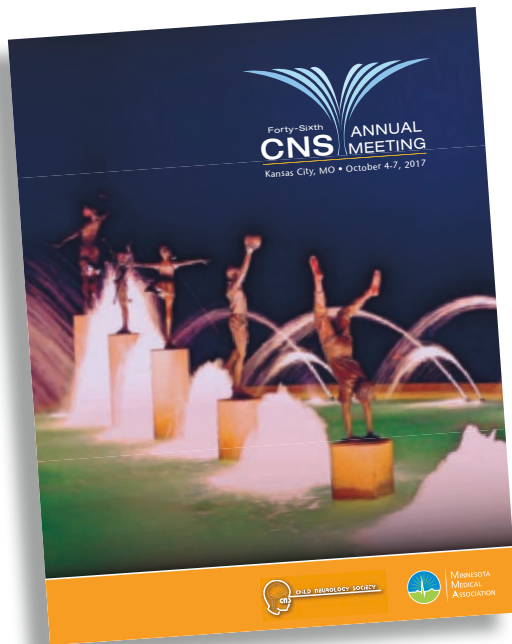
The Child Neurology Career Development K-12 Award Program (CNCDP) has been led by Mike Johnston and a committed, active executive group. This group volunteers its time to meet prior to the annual CNS meeting and reviews applications from dozens of highly qualified young investigators. The program itself is NIH funded and provides support for the career development of 30 new academic researchers over a five-year period at different institutions around the country.

Part of the duty of researchers is to communicate and disseminate the findings. Child neurologists accomplish this, in part, through CNS partnership with the ANA in publishing an exceptional journal, *Annals of Neurology*, and we thank Scott Pomeroy for playing a key role as a longtime member of the Editorial Board. We have an exceptional annual meeting, and this year in Kansas City will continue that tradition. And we are pleased now to extend access to the important work presented at the annual meeting on our newly launched Lifelong Learning CME website. All child neurologists will benefit from educational and maintenance of certification resources this new website affords; CNS members in particular will benefit from the free or steeply discounted access they have to its growing library of lectures, courses, and self assessment exams.

So, thanks to all of you for doing your part to advance research, advance our knowledge base, and participate in education for our field of child neurology. We have much to be excited about and proud of as we move toward regathering in Kansas City this October as well as in Chicago, Charlotte, San Diego, and Boston in the years to come.

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of Medicine, 1988.

CONNECTING WITH COLLEAGUES



In Memoriam: Isabelle Rapin, MD (1927-2017)

By Karen Balaban-Gill, MD and Solomon L. Moshé, MD

Isabelle Rapin was professor emerita in the Saul R. Korey Department of Neurology and Department of Pediatrics at the Albert Einstein College of Medicine. A longtime colleague and friend, mentor to generations of child neurologists in the US and world-wide, and one of the pioneers in child neurology, Dr. Rapin was born in Lausanne, Switzerland, the eldest of three children, to a Swiss father and American mother. In an age when it was unusual for women to attend university, let alone attain advanced graduate degrees, the then 10-year-old Isabelle decided she wanted to become a physician. Following completion of secondary school, she attended the University of Lausanne Medical School and was awarded a Swiss Federal Diploma in Medicine in December 1952. In order to be awarded her doctoral degree (which was not automatically given following the completion of the courses at the end of medical school in Switzerland), Dr. Rapin worked for an additional six months on her thesis describing approaches to lower mortality in traumatic peridural hematomas, which was published in the *Swiss Archives of Neurology and Psychiatry* in 1955, at which time she received her doctorate in medicine (MD). While the nervous system fascinated her above all at the University of Lausanne Medical School, it was rotations in la Salpêtrière and at L' Hôpital des Enfants Malades in Paris that introduced the perspective of child neurology, and cemented her lifelong commitment, prompting her to come to the United States to fulfill this dream.

Determined to be a child neurologist, even though there were no specific training programs or requirements for our specialty until 1956, Dr. Rapin served as an intern in pediatrics at Bellevue Hospital from 1953-1954. In July 1954, she began her neurology residency at the New York Neurological Institute at Columbia-Presbyterian Hospital, under the tutelage of Dr. Houston Merritt and, especially, Dr. Sidney Carter, an adult neurologist who was assigned the task of creating a child neurology program. During her training, she worked with many of the "greats" of neurology and child neurology, including Drs. Labe Scheinberg, Robert Katzman, Elliot Weitzman, Eli Goldensohn and Dominick Purpura, who became life long friends and collaborators at Einstein. Surprisingly, although there had never been any female house officers in the years before then, Dr. Rapin was one of three women out of a class of eight neurology residents in her year. After completing three years of neurology training at The Neurological Institute, Dr. Rapin spent a fourth year of residency training in the recently established field of child neurology. It was during this year of child neurology training that Dr. Rapin became interested in the neurology of children with language and hearing disorders and had her first foray into clinical research. Upon completion of her residency in 1958, Dr. Rapin was recruited by Dr. Saul Korey to the faculty of the fledgling Department of Neurology at the Albert Einstein College of Medicine of Yeshiva University (later the Saul R. Korey Department of Neurology), where she would spend the rest of her prolific academic career, 'retiring' in 2012 after more than

50 years. Even after her retirement, for the next three years, Isabelle organized and ran a biweekly course for the pediatric neurology trainees on neurodevelopmental disabilities.

The year 1958 was a momentous one for Dr. Rapin. Not only did she found and initially lead the internationally recognized Child Neurology Service and Fellowship Training Program at Einstein, but more importantly, she met Dr. Harold Oaklander at a semantics conference, the man to whom she was happily married for over 58 years. They enjoyed a true equal partnership marriage; she frequently acknowledged that without his encouragement, support and help in caring for their four children, she would not have been able to achieve the successes she did in her career. She frequently told her trainees about how Harold had turned down prestigious job opportunities outside of New York, so that she could continue her career at Albert Einstein College of Medicine, and she counseled many of her female trainees about the importance of having a supportive spouse (as well as good childcare!). Dr. Rapin was particularly proud of Harold's accomplishments; after obtaining his PhD at Columbia University, he focused on the employment practices in Japan, including their life-time employment and avoidance of layoffs, using that knowledge in his role as the proud Founder and Director of the Alliance for the Prevention of Unemployment.

In 1959, Dr. Rapin published her first pediatric neurology paper, titled 'The neurologist looks at the nonverbal child', heralding her intention to forge ways to understand and treat communication disorders. Her pioneer potential was recognized by the National Institutes of Health as she was then awarded her first of many grants launching a research career in the field that would last for the next 58 years. Indeed, at the time of her death, she was working on a manuscript about congenital blindness and autism. Her early work was focused on event-related potentials in deaf children, which she eventually applied in the diagnosis of deafness in children born following the rubella epidemic of 1964-65. While working to help deaf children, Dr. Rapin became fascinated by developmental language disorders and autism, leading to her next areas of clinical research and patient care. As stated by Dr. Mark Mehler, current chair of the Saul R. Korey Department of Neurology, "Isabelle was doing translational research more than 50 years ago, before anyone had coined a term for it or knew what it meant. She taught all of us who followed the importance of bringing science into our understanding and treatment of (neurological) disorders."

Dr. Rapin was one of the first neurologists to consider disorders of higher cognitive functioning, including autism, to be neurologic disorders, and she thus became one of the world's experts in pediatric communication disorders and autism. Together with Dr. Doris Allen, she proposed a new classification system for children with developmental language disorders, and she was one of the first to use the term "autistic spectrum disorder", recognizing long before the DSM 5, the artificial distinction between autism and "pervasive developmental disorders."

She collaborated with Dr. Roberto Tuchman, exploring the relationship between epilepsy and autism and with Dr. Ruben Jure, looking at autism in blind children and deaf children.

Dr. Rapin also was interested in neurologic genetic/metabolic diseases of childhood, including inborn errors of metabolism, storage diseases, and peroxisomal and lysosomal disorders, reporting novel findings in many patients with a variety of cerebral diseases, including the cherry red spot-myoclonus syndrome, ceroid lipofuscinosis and Canavan's disease. In 1982, she coauthored a landmark paper describing that microtubule disarray in cortical dendrites is associated with neurobehavioral failure, providing evidence that alterations in dendritic structure of both pyramidal and non-pyramidal neurons may be key in understanding the pathobiological processes leading to neurobehavioral failure. With her vast knowledge and uncanny ability to explain and simplify concepts, she produced a series of chapters for textbooks. In the 19th edition of *Rudolph's Pediatrics*, she authored or co-authored five different chapters on genetic metabolic disorders, inborn errors of metabolism, peroxisomal disorders, phakomatoses and unclassified progressive nervous system disorders, as well as authoring chapters on cerebral degenerative disorders of childhood in multiple editions of *Merrit's Textbook of Neurology* and *Swaiman's Practice of Child Neurology*. In total, over the course of her illustrious career, Dr. Rapin authored nearly 300 papers, books and book chapters, including 10 that were published after her 'retirement' in 2012. "Dyscalculia and the calculating brain", published in August 2016, was her last solo paper and was, as stated by Dr. Steve Roach, "an elegant treatise...brilliantly reasoned and beautifully written."

Dr. Rapin was a life-long learner who always kept current with the research and clinical advances in her field. She felt that "every patient can teach us something we don't know. Patients are our teachers". Beginning her career before computerized databases existed, she kept a file card database of all patients she saw, listing all of their diagnoses on their



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file card. One of the diagnoses she listed was “undiagnosed” and every time a new neurological disorder was reported, she would go through the charts of all “undiagnosed” patients to see if they fit the semiology of the newly reported disorder. If they did, she would then reach out to the families of those patients and recommend they be seen by a neurologist to evaluate for the disorder. In this way, she diagnosed a number of girls with Rett syndrome, many years after she had initially evaluated them for their developmental impairments. Dr. Rapin was a pioneer in translational research, before the term was officially introduced, emphasizing that neurological disorders are all ‘lifespan disorders’. This concept intertwines adult and child neurologists together in training and practice and brings out the need for better understanding of the evolving dynamic changes in neural substrates for disease pathogenesis, leading to innovative personalized medicine approaches. We, at Einstein have incorporated this in our mission for teaching, clinical activities and research.

In addition to her extremely productive academic achievements, Dr. Rapin was a most outstanding teacher, as well. She took great pleasure in teaching students, residents and junior and senior faculty to think critically. Over the course of her career, she helped train over 100 child neurology residents, as well as scores of adult neurologists. Many of those 100 child neurology trainees specifically choose to train at Einstein in order to have the opportunity to be taught by her, and some credit their decision to become child neurologists to her influence. Not only did she teach her trainees clinical neurology, she also educated them in research, critically reviewing literature, preparing lectures and writing manuscripts. Dr. Rapin mentored many academic child neurologists at various stages of their careers and provided particular encouragement to women in training at a time when women were very much a minority in the field. Dr. Pongsakdi Visudhiphan, a child neurology resident at Einstein from 1967-70, credits Dr. Rapin with helping him “to set a foundation for modern pediatric neurology training and better care system for all child neurological problems in Thailand”.

In addition to her trainees at Einstein, Dr. Rapin helped educate many more child neurologists, neurologists and pediatricians in the US and around the world, giving over 550 presentations and invited lectures, including endowed lectures, as visiting professor, symposium organizer or lecturer at universities, hospitals, scientific meetings and postgraduate courses. As stated by CNS President, Dr. Kenneth Mack, “the breadth and depth of her knowledge was exceeded only by her collaborative spirit and her unfailing willingness to engage younger colleagues in conversation who sought her wise counsel at Einstein Medical Center or at any number of national and international meetings.”

Dr. Rapin received many awards in recognition of her contributions as an outstanding teacher and scholar, being an early recipient of the CNS’s Hower Award in 1987 and giving the Frank Ford Memorial Lecture at the International Child Neurology Association in 1990. She was awarded the Albert Einstein College of Medicine Pediatric Teaching Award in 2002 and the Einstein Medical Student

teaching award in 2009. The International Society for Autism Research honored her in 2008 with presentation of its lifetime achievement award recognizing individuals who have made “significant fundamental contributions to research in autism spectrum disorders that have had a lasting impact on the field.” In 2010 she received the American Academy of Neurology’s Presidential Lifetime Achievement Award.

Dr. Rapin was a founding member of the Child Neurology Society and International Child Neurology Association and served on the Executive Boards of both societies, as well as the American Academy of Neurology, the International Neuropsychology Society and the American Neurological Association. She served as Secretary-General of the International Child Neurology Society from 1979-1982 and Vice President from 1982-1986, in addition to serving as first Vice President of the ANA from 1981-1982. Dr. Rapin served on National Advisory Boards for the NINCDS, NIH, March of Dimes, Canavan Foundation and the National Alliance for Autism Research (NAAR) and served on the editorial board for numerous journals, including as Editor of the *International Review of Child Neurology* from 1983 to 2008.

In 2006, Einstein hosted an International Symposium on Autism in her honor, featuring most of the international authorities in the field and her colleagues who continue her work. To commemorate her mentorship contributions, the department of Neurology at Einstein has designated the Rapin Award which is given annually to neurology trainees with distinguished scholarly activities who most embody her spirit of biomedical inquiry. Also in recognition of her distinctive authority on communication disorders, Einstein has created an annual conference in Dr. Rapin’s honor.

Aside from child neurology, Dr. Rapin enjoyed spending time with her family and gardening in their Dutch Stone house in Coxsackie, NY, which she and her husband spent decades restoring. She leaves behind her loving husband of 58 years and their four children: Dr. Ann-Louise Oaklander, MD, PhD, an adult neurologist at the Massachusetts General Hospital; Dr. Christine Oaklander, PhD, an independent art historian and private art consultant; Stephen Oaklander, a retired music executive and recording studio owner who owns a saw mill, creating cabinets and furniture; and Peter Oaklander, an electronics engineer. She is also survived by four grandchildren.

Dr. Rapin died after a brief bout of pneumonia on May 24, 2017, surrounded by her family. While we mourn Dr. Rapin’s passing, we should all celebrate how fortunate we were to know her and to be taught and mentored by her, and we should celebrate the wonderful contributions she made to the field of child neurology for over a half a century. Throughout the years, Dr. Rapin guided us all to be the best we can be as thinkers and doers, teachers and pupils, assistants or leaders and, most importantly, human beings. With her amazing energy, sharp mind and knowing smile, she molded child neurology worldwide and changed our discipline forever.

In Memoriam: Jean Holowach-Thurston (1917-2017)

Profile written in 2004 by Robert S. Rust, MD on the occasion of Dr. Holowach-Thurston receiving the 1st CNS Lifetime Achievement Award, presented at the 33rd CNS Annual Meeting in Ottawa, Ontario.



Jean Holowach-Thurston trained in medicine in her native Edmonton, Canada. She practiced pediatrics there for several years before and several more after receiving additional training in pediatrics and metabolism at Washington University, St. Louis. She returned to St. Louis in 1949 where she married Donald L. Thurston, future Chairman of Pediatrics at the St. Louis Children's Hospital. Dr. Holowach-Thurston joined the faculty of Washington University where her initial duties included supervision of the seizure clinic and the premature infants program. She also served as consultant to the Missouri State Rheumatic Fever Program, caring for the large numbers of patients in that era who manifested serious cases with associated Sydenham chorea. From the earliest phases of her academic career, she manifested insatiable curiosity and the desire to advance understanding of the diseases of children, particularly but not exclusively neurological ones. She participated with Dr. Dennis O'Leary in the epilepsy program at Washington University.

Dr. Thurston published twenty-eight papers the first fifteen years of her career at Washington University; these included three on gastrointestinal diseases, two on hypoglycemia, nine on childhood cancer including those that arose from her early participation in the Southwestern Cancer Chemotherapy Study Group. Each of the papers that she wrote manifest the elegant formality of style that have been characteristic of her in both written and verbal communication. Each study showed excellent planning, an important hypothesis at the onset of study, and diligent follow through. They also display her capacity to observe clearly and render from her observations ambitious projects. Of particular interest

was her *New England Journal of Medicine* paper on the association between breath holding spells and anemia – the first such observation in the medical literature. To test the view that the two entities commonly accompanied one another, she studied more than 140 cases seen at Washington University in a 27 year span and a much larger control group without breath holding.

Nine papers concerned clinical aspects of epilepsy, including studies of the efficacy of acetazolamide and ACTH. She demonstrated her penchant for enrollment of large numbers of subjects, digging back through decades of records to publish a study of 120 cases of childhood psychomotor seizures. It is, however, for her contributions to the understanding of metabolism of the developing brain that she is best known. At age 45 she joined the laboratory of Oliver H. Lowry, one of the pre-eminent brain biochemistry laboratories in the world. She devoted a three year sabbatical to becoming adept at the elegant techniques of quantitative microhistochemistry for which the laboratory was famous. She established a close and enduring research association with Lowry's foremost colleague, Dr. David McDougal. Skills in hand, she applied herself productively to the important task of improving and validating sensitive assays designed to estimate, in very small tissue samples, the activity of several tricarboxylic cycle mitochondrial enzymes and intermediates.

Her tendency to maintain interests in several fields permitted her to develop an assay for paraldehyde and study brain penetration of this antiseizure medicine. She then turned to the study of energy metabolism of the developing

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brain. Her interests, both in the neurological aspects of the neonate and developmental brain chemistry, preceded by half a decade the upswing of interest by child neurologists in these topics. She was awarded and maintained for twenty years (1965-1985) ROI funding for the study of energy metabolism in the neonatal and developing brain. She extended the purview of Lowry group research into an entirely new area. Some of her studies recapitulated the Lowry group focus on sources of energy and factors that governed their depletion. Other studies were aimed at novel questions particularly pertinent to the newborn and infant. Her pioneering studies skillfully demonstrated important differences between energy metabolism in the developing and mature brain. Not content to base assumptions on just one species, she compared rat results with those in fish, frogs, and turtles. She carried out studies of fundamental importance concerning the effects of anoxia, hypoxia, and ischemia on the availability of energy substrates, the rates of their depletion and of the accumulation of potentially toxic metabolic byproducts. She demonstrated, importantly, that serum glucose was an unreliable index of brain glucose and that glucose supplementation improved outcome under anoxic conditions – a result contrary to that observed in mature brain. These results have occupied an important place in each successive edition of Volpe's *Neurology of the Newborn*.

Her interest in practical applications of her bench research led her to investigate thiamine dependant enzymes of brain and liver. Her interest in improving the outcome of babies and awareness of the toxicity of many commonly employed drugs led her to investigate the degree to which vulnerability of developing brain to exhaustion of energy reserves and accumulation of toxic metabolic byproducts was influenced by administration of glucose, glycerol, insulin, aminophylline, acetyl salicylic acid, and hydrocortisone. She studied the effects of malnutrition on cerebral energy metabolism, the brain uptake and utilization of such energy sources as fructose. She had an early interest in glutamate, to which she would return in important collaborative studies with Steve Rothman. In 1971 she reported the brain penetration and effects on intermediary metabolism of this substance whose importance in neurotransmission would not be investigated for another decade.

Dr. Holowach-Thurston's active clinical practice interested her in the question as to how long childhood epilepsies ought to be treated, since she found there was little reliable data upon which to make such decisions. A degree of anarchy existed in those days concerning decisions about stopping anti-seizure medications in children. Varied approaches ranged from discontinuation after two or four years to long-term continuation of combination therapy with phenobarbital and phenytoin. Several large studies had been published, but

outcome data in these studies were scant, reflecting the difficult large-city phenomenon of patients "lost to followup". There was little information concerning outcome by seizure type. Dr. Hollowach-Thurston's retrospective study of 148 children, published in the *New England Journal of Medicine* in 1972, filled in much of the most important missing information. She demonstrated very clearly that seizure type strongly influenced recurrence risk, and identified other factors that also influenced risk for recurrence. The remarkable feature of this study was the exceptionally low number of patients "lost to follow-up". She achieved this result because of the tenacity with which this very compulsive researcher employed reverse phone books and relentlessly pestered, often in unsavory neighborhoods, the neighbors of children who had moved away. She thereby reduced the "lost to follow-up" to negligible numbers. She was to replicate this feat in a further follow-up of this same group 11 years after the initial study, 15-23 years after anticonvulsants had been withdrawn. To her, clinical data had to be as complete and quantitative as were her enzymatic microhistochemical studies. Her results contributed to the establishment of rational therapy for childhood epilepsy and provided badly needed prognostic information that could be shared with worried patients and their families.

In the meantime, Dr. Holowach-Thurston's laboratory, continued the important work on carbohydrate metabolism, including fructose intolerance, as well as the brain metabolic effects of diabetes and of insulin. Other investigations concerned the role of taurine in cerebral osmoregulation, factors that govern cerebral water and salt balance, and studies of cerebral and hepatic amino acid metabolism including the effects of anticonvulsants on brain and liver metabolism. She developed metabolic assays of CSF for the detection of inborn errors of metabolism and of blood for the energy state of brain.

She was among the first to investigate the possibility that valproate might confer a neuroprotective effect under hypoxic-ischemic conditions. She investigated the potential roles of carnitine, pantothenic acid, and acetylcysteine in the prevention of valproate-induced hepatic dysfunction. In the late 1980's, she engaged in collaborative studies with Steve Rothman concerning neuroprotective effect of ketamine and the delayed neurotoxicity produced by excitotoxic amino acids. She has published, in total, nearly one hundred papers representing a breadth of interest, but a consistent and organized effort to investigate themes of particular importance.

Jean has been a devoted member of the CNS for many years and may be as well known to many members for her inimitable style of commenting on work that falls within the purview of her varied interests. She patiently but firmly coaxes younger colleagues to recognize that "all under the sun is not new"

and to remember the contributions of their predecessors. Her services and excellence in encouraging young pediatricians were recognized in 1990 with the Fomon-Peters Founders Award of the Midwest Society of Pediatric Research. She challenges molecular scientists to think biochemically and asks all investigators to be certain that complex and elegant techniques are suitably adapted to the particular clinical problem at hand.

Despite the many vicissitudes to which a long career is subject, she succeeded in maintaining an active laboratory, like her mentors Lowry and MacDougal, until after her 75th birthday. A particular tribute to her personal qualities is the fact that she was able to retain the services of the same research associate, Richard Hauhart, for almost the entire four-decade history of her laboratory. The death of her beloved husband of thirty-eight years left her, late in her career, with the additional task of learning to care for his magnificent rose garden, a "third career" that worried her at the outset; but, as in all that she touches, she has also succeeded brilliantly at this.



In Memoriam:

The memorials above can also be accessed on the CNS website by clicking www.childneurologysociety.org/about/in-memoriam. Ten other memorials appear in that section, including CNS-member authored tributes to the following:

Jean Aicardi
Bruce Berg
Peter Berman
John Freeman

Bengt Hagberg
Peter Huttenlocher
Charles Kennedy
Cesare Lombroso

Edwin Myer
John Pellock

CONNECTING WITH COLLEAGUES

Focus on Research

Professor Huda Zoghbi: Diligence on the Road to Success

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



“Dr. Zoghbi has come a long way since being forced to flee her war-ravaged Lebanon at the age of 20 years. Yet, the foundations that guide her life have remained unchanged – perseverance and discovery.”

Dr. Huda Zoghbi is a child neurologist and neuroscientist whose life story so far can best be summarized by two words – perseverance and discovery. Recently, she has won a highly notable award that salutes her contributions to date and affirms her promise for future success.

Huda was born in 1955 in Beirut, Lebanon. During her high school years, she was initially drawn to poetry and intended to study literature as a college student. However, her mother persuaded Huda that a major in biology would be a better course. This was sound motherly advice, and Huda thrived in the sciences at the American University in Beirut.

In 1975, Huda entered the university’s medical school, but her studies there were abruptly interrupted by the Lebanese Civil War. Forced to flee Lebanon, Huda and her siblings took refuge with a sister in Texas.

Huda had developed a love for medicine, but it soon became clear that the war would prevent her return to medical school in Lebanon. Undaunted, she persuaded a medical school in the US to allow a mid-term transfer. Huda graduated from Nashville Tennessee’s Meharry Medical College in 1979.

Due to her fondness for children and her attraction to developmental biology, Zoghbi was drawn to pediatrics, in which she completed a residency at Baylor College of Medicine in 1982. Like most budding child neurologists, Huda found the developing nervous system most intriguing. This attraction led to her second residency at Baylor, this time in pediatric neurology, which she completed in 1985.

While still a pediatric resident, Zoghbi read Bengt Hagberg's 1983 description of Rett Syndrome in the *Annals of Neurology*. She became intrigued, as Hagberg's account matched the symptoms of a perplexing five-year-old girl that Zoghbi had seen at Texas Children's Hospital. The following week, Zoghbi encountered another girl with identical symptoms, and her investigation of medical records revealed still more previously undiagnosed cases. These experiences forged Zoghbi's determination to uncover the genetic basis of Rett Syndrome.

Following her residency training, Zoghbi worked as a postdoctoral fellow in the laboratory of Professor Arthur Beaudet, a molecular geneticist, and she established her own laboratory at Baylor in 1988.

Beaudet noted Zoghbi's burning interest in Rett Syndrome, but he recognized the steep challenges of Rett Syndrome and wisely counseled the fledgling scientist first to pursue lower hanging fruit. Thus, she set her sights on spinocerebellar ataxia type 1 (SCA1). In one of the highlights of her professional life, she and her collaborator, Dr. Harry Orr at the University of Minnesota, simultaneously identified ATXN1 as the gene responsible for SCA1. Together, they elucidated the disease's pathogenic basis by demonstrating that SCA1 is a CAG trinucleotide repeat disease and that the disorder arises from misfolding and abnormal aggregation and degradation of the mutated gene's protein product, ataxin-1.

Following her work on ATXN1, Zoghbi focused on another gene important for brain function, Math1 (mouse atonal homolog 1). After her lab successfully cloned the gene in 1996, she and others demonstrated that the gene plays crucial roles in coordination, hearing, newborn breathing, and generation of the gut's secretory cells. While abnormal activation of Math1 can lead to medulloblastoma, Zoghbi's laboratory demonstrated that absence of Math1 in mice protects them from development of that brain tumor.

Throughout the years that Zoghbi was investigating these other diseases and genes, the lure of discovering the genetic basis for Rett Syndrome continued to burn in Zoghbi's mind. Yet, she received little encouragement from others. Many doubted that Rett Syndrome was a distinct disease, and, even if it was, few families had more than one affected member. The prospect



Dr. Zoghbi (center) with colleagues at American University in Beirut. To her right is husband, Dr. William Zoghbi, now Chair of the Department of Cardiology, Houston Methodist Debaakey Heart & Vascular Center.

of finding the gene for Rett Syndrome seemed grim. Still, she doggedly persisted. In 1999, sixteen years after reading Hagberg's description of Rett Syndrome and diagnosing her first patient with the disease, Zoghbi and her coworkers announced their discovery of MECP2 as the causative gene.

Zoghbi's laboratory continues to expand on all of the discoveries described above. In her studies of spinocerebellar ataxia, she is investigating protein interactions that influence the pathogenesis of SCA1 and other polyglutamine diseases. In her studies of Math1, she is identifying those neurons expressing Math1 that are responsible for newborn breathing and defining Math1's downstream targets. In her studies of Rett Syndrome, she is investigating the anatomical substrates for the various Rett phenotypes, with the ultimate goal of identifying the gene expression changes within specific neuronal populations that could be modified to improve the outcome of Rett syndrome.

For her outstanding research contributions, Dr. Zoghbi has won many accolades and honors. Most recently, she was awarded the 2017 Breakthrough Prize in the Life Sciences. The award of \$3 million is the largest monetary award in the sciences.

Huda Zoghbi is the Ralph D. Feigin Professor at the Baylor College of Medicine, an Investigator at the Howard Hughes Medical Institute, and Director of the Jan and Dan Duncan Neurological Research Institute at Texas Children's Hospital. She has come a long way since being forced to flee her war-ravaged Lebanon at the age of 20 years. Yet, the foundations that guide her life have remained unchanged – perseverance and discovery.

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Dr. Huda Zoghbi: Scientist for the 21st Century

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

QUESTION | *What is the most important quality that a physician-scientist can have?*

Curiosity. Especially, the ability to question assumptions and to dig deep for answers.

QUESTION | *What is the most important thing that a mentor can teach his or her student?*

To strive for the best quality in everything they do – details matter, and so do aesthetics, whether you're cutting brain slices, performing a western blot, or creating a table for a manuscript. If we had ignored a tiny speck of blue (LacZ staining) that appeared in a mouse embryo, we would never have discovered the role of mouse atonal homolog 1 (Atoh1) in forming inner ear hair cells or secretory cells of the intestine.

QUESTION | *You're had a remarkable career. Are there any moments that stand out more than any others?*

Two moments stand out: the first (chronologically), when Harry Orr and I exchanged faxes on the same day revealing the discovery of the genetic mutation causing SCA1. Second, returning from vacation and meeting my post-doc at the time, Ruthi Amir, in my house, and realizing that she had identified the genetic basis of Rett Syndrome, after my lab had been pursuing the gene for 16 years.

QUESTION | *What was the most discouraging moment in your research career, and what kept you going?*

Many moments during the search for the genetic basis of Rett Syndrome! Early on, many physicians didn't even believe it was a distinct disease entity, and for a long time, because the disease is usually sporadic, scientists thought that looking for the gene was a lost cause. I learned to stop talking about that project (because I didn't want to be discouraged) and just kept plugging away, because I had seen the patients, and the consistency of their clinical phenotype (including their all being female) convinced me that there has to be a gene choreographing this very striking disease. This comes back to what I said before, about the importance of being observant.

QUESTION | *What is your proudest professional achievement so far?*

Mentoring young scientists and physician-scientists who go on to be successful in their own labs.

QUESTION | *What advice would you give to a college student who is contemplating a career in science?*

Don't focus too narrowly; use your university education to learn as much as you can, as broadly as you can. The time to focus is in grad school. Nobel laureates and other successful scientists are much more likely than less-successful scientists and the general public to be polymaths, and to have developed their skills in another area, such as art, music, or photography. The key is really to develop the skill and knowledge in another field, not to just be a dilettante, so that those new skills and perspectives can inform your scientific pursuits (and vice versa).

QUESTION | *What obstacles should a physician-scientist, who is beginning his or her career, anticipate and avoid?*

There is a risk of letting clinical duties take too much time away from dedicated research. Lack of focus is another major problem, especially for the physician-scientist, who tends to be curious and wants to pursue all sorts of interesting questions. People have to learn to build their research program one step at a time. Early on, depth is more important than breadth.

QUESTION | *What areas of neuroscience do you foresee as the most promising for advancement in the next 20 years?*

I think our molecular genetic understanding of disease is already leading to treatments, and the pace of translational research will accelerate. For example, the amazing success in translating our understanding of the basis of spinal muscular atrophy to a targeted therapy (antisense oligonucleotide) is changing the course of the disease in infants and children. I can also envision a better articulation of the circuits underlying various neurological functions serving as a framework for applying neuromodulation (e.g., deep brain stimulation) to reverse circuit pathology in various disorders. But the beauty of science is that when curiosity leads a group of talented people to pursue good questions, you never know what will come of it – except you know it will be exciting!

CONNECTING WITH COLLEAGUES

Focus on Research

Inflammation-driven Epilepsy

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



Dr. Payne was the 2016 recipient of the Michael SanInnocencio Lennox-Gastaut Syndrome Grant from the Child Neurology Foundation.

The immune system and the central nervous system are arguably the most complex and interesting subjects in medicine and biology. Both systems involve large numbers of cell types and molecules that interact in complicated ways to achieve extraordinary results and, sometimes, to produce disease. Dr. Eric Payne's research bridges these two systems, as he examines the role of the immune system in epileptic seizures.

Dr. Payne, an Assistant Professor of Neurology and Pediatrics at the Mayo Clinic, hypothesizes that neuro-inflammation may be a biomarker of epileptic seizures, drive the genesis and propagation of some seizures, and worsen the clinical outcome from seizures. Dr. Payne was the 2016 recipient of the Michael SanInnocencio Lennox-Gastaut Syndrome Grant from the Child Neurology Foundation. With funds from that award, he is utilizing high-resolution immunophenotyping to measure cytokines, chemokines, and neuronal markers of damage and apoptosis in the serum and CSF of critically ill patients and those with epileptic encephalopathy. He is then correlating these molecular signals with EEG-confirmed seizure burden using high-density EEG.

The notion that inflammatory mediators play a critical role in the pathogenesis of at least some seizures was bolstered by a patient of Dr. Payne's. A two-year-old girl developed febrile infection-related epilepsy syndrome (FIRES), which was highly refractory to anticonvulsants and required intubation. In a desperate attempt to save the child's life, he and fellow

physicians administered anakinra, a recombinant version of the human interleukin-1 receptor antagonist that is often used to treat auto-inflammatory disorders. The child's seizures responded dramatically well to the anakinra. In addition, CSF levels of proinflammatory cytokines before treatment normalized on the anakinra. The results suggest that elevated levels of proinflammatory cytokines play a pathogenic role in the etiology of FIRES. The case report was published in the *Annals of Neurology*.

Dr. Payne's interest in inflammation has its roots in his own personal medical history, as he struggled with the inflammatory conditions of asthma and anaphylaxis as a child, along with a family history of other inflammatory diseases. However, a fascination for neurology blossomed in medical school. It was during his fellowship in pediatric epilepsy and neurocritical care that he discovered the opportunity to combine his interests in inflammation and neurology, as he learned of the growing evidence of immune mechanisms in epilepsy. This interest was further fostered at Mayo Clinic with the support of Dr. Charles Howe and his Translational Neuroimmunology Lab.

The Lennox Gastaut Syndrome grant from the Child Neurology Foundation is allowing Dr. Payne to pursue the potentially important linkages between neuroinflammation and epilepsy in children. Elucidation of immune mechanisms involved in different seizure types may open the door to new therapeutic agents and approaches for epilepsy.

CONNECTING WITH COLLEAGUES

Focus on Research

Child Neurologist Career Development Program Funded by NIH-NINDS Begins Its Second Year

By Michael V. Johnston, MD



The national Child Neurologist Career Development K-12 Program (CNCDP-K12) sponsored by the National Institute of Neurological Disorders and Stroke is beginning its second year with funding of five scholars and we are currently recruiting a second class of scholars to begin the program in July of 2018. The program is intended for child neurologists who seek a three year period of intensive, clinically relevant basic and/or patient oriented research after completion of clinical training. Candidates should be less than five years out from completion of their clinical training, although highly qualified candidates who are further out will be considered on a case by case basis. The primary goal of the program is to prepare academically oriented child neurologists to compete successfully for K and R series NIH grants which support their development as independent investigators. This goal will be accomplished by careful choice of mentors who themselves have a successful track record of independent funding as well as through a yearly retreat where scholars meet to present their work for critical review. The program will also include site visits by CNCDP-K12 leadership to assure that scholars are free of clinical or other responsibilities to devote 75% of their time to research, and periodic web-based mentorship by national authorities in the scholar's research. Scholars are urged to apply for K or other career development awards before they finish the program to gain experience, and if successful, they may transition from the program early to give support to someone else.

The successful candidates in the first class are Hsiao-Tuan Chao, MD, PhD from Baylor University, Mai Dang, MD, PhD from CHOP, Aaron Boes, MD, PhD, from the University of Iowa, Christa Habela, MD, PhD from Johns Hopkins and Autumn Ivy, MD, PhD, from Stanford. Photos and information about their projects and mentors are available at the CNCDP-K12 website: www.CNCDP-K12. This group of scholars was chosen from a total of 27 applicants to the program. The website also includes detailed information about how to apply for the coming year. Letters of intent are due by June 1, 2017 and will be reviewed and selected candidates will be asked to submit a longer application due by August 15, 2017. These applications will be reviewed by the program's national advisory committee at the Child Neurology Society meeting in Kansas City, Missouri in October 2017. The retreat for current Neurological Sciences Academic Development Award (NSADA) awardees as well as the first class of CNCDP-K12 awardees will take place at the CNS meeting on October 2, 2017 under the leadership of Dr. Brad Schlaggar. Drs. Barry Kosofsky and Amy Brooks-Kayal are co-Directors of the program and Dr. Erika Augustine is the Diversity Officer. The Executive Committee includes Drs. Heather Fullerton, Jonathan Mink, Brenda Porter and Bradley Schlaggar. Dr. Stephen Korn, Director of Training and Workforce Development at NINDS is an advisor to the program. We are grateful to the Child Neurology Society for their generous support for the retreat and application review activities at the CNS meeting.



Forty-Sixth
CNS ANNUAL
MEETING

Kansas City, MO • October 4-7, 2017



CHILD NEUROLOGY SOCIETY

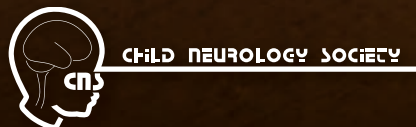


MINNESOTA
MEDICAL
ASSOCIATION

Learning Objectives

The 2017 CNS Scientific Program

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



MINNESOTA
MEDICAL
ASSOCIATION

J.C. NICHOLS MEMORIAL FOUNTAIN



This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of the Minnesota Medical Association and the Child Neurology Society. The Minnesota Medical Association (MMA) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Minnesota Medical Association designates this live activity for a maximum of *32.0 AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Wednesday, October 4

7:45 AM – 5:00 PM

**SYMPOSIUM I:
NEUROBIOLOGY OF DISEASE IN CHILDREN:
LEUKODYSTROPHIES**

Organizer: Bernard Maria, MD, MBA; Goryeb
Children's Hospital, Morristown, NJ



Neurobiology of Disease in Children

*Supported by the National Institutes of Health
(NIH grant 5R13NS040925-21), the Child Neurology
Society, the World Leukodystrophy Alliance, and
the Leukodystrophy Care Network*

7:45 – 8:00 AM

OPENING COMMENTS/INTRODUCTION

Bernard L. Maria, MD, MBA, Morristown, NJ

8:00 AM – 10:20 AM

**SESSION I:
CLINICAL ASPECTS AND DIAGNOSIS**

Co-Director and Moderator:
Sakkubai Naidu, MD
Johns Hopkins University, Baltimore, MD

Overview of Childhood Leukodystrophies
Sakkubai Naidu, MD

Update on tRNA Related Leukoencephalopathies
Marjo van der Knaap, MD
Vrije Universiteit, Amsterdam, Netherlands

Update on Hypomyelinating Leukodystrophies
Genevieve Bernard, MD
McGill University, Montreal, Canada

Leukoencephalopathies with Brain Calcifications
Yanick Crow, PhD
University of Manchester, Manchester, UK

Early Diagnosis in Leukodystrophy
Adeline Vanderver, MD
Children's Hospital of Philadelphia, Philadelphia, PA

Question and Answer Session

10:20 AM – 10:45 AM

Coffee Break

10:45 AM – 12:35 PM

**SESSION II:
PATHOGENESIS**

Co-Director and Moderator:
Gustavo Maegawa, MD, PhD
University of Florida, Gainesville, FL

Overview of Pathogenesis and Molecular Aspects
Gustavo Maegawa, MD, PhD

Alexander Disease
Albee Messing, VMD, PhD
University of Wisconsin, Madison, WI

Krabbe Disease
Lawrence Wrabetz, MD
State University of New York at Buffalo, Buffalo, NY

Zebrafish in Leukodystrophies
Joshua Bonkowsky, MD, PhD
University of Utah, Salt Lake City, UT

Question and Answer Session

12:45 PM – 1:45 PM

**Lunch with World Leukodystrophy Alliance (WLA)
and Leukodystrophy Care Network (LCN)
Presentations**

1:45 PM – 4:05 PM

**SESSION III:
THERAPY**

Co-Director and Moderator:
Ali Fatemi, MD

Overview of Therapeutic Approaches
Ali Fatemi, MD
Johns Hopkins University, Baltimore, MD

Gene Therapy
Florian Eichler, MD
Harvard University, Boston, MA

Cyclophosphamide Therapy
Mark Sands, PhD
Washington University, St. Louis, MO

Nanotherapy
Sujantha Kannan, MD
Johns Hopkins University, Baltimore, MD

4:05 PM – 4:20 PM

**EXECUTIVE SUMMARY OF THE DAY
& IN-ROOM BREAK**

Co-Directors and Moderators:

Sakku Naidu, MD

Ali Fatemi, MD

Gustavo Maegawa, MD, PhD

4:20 PM – 4:55 PM

**SESSION IV:
FUTURE DIRECTIONS
& QUESTION AND ANSWER SESSION**

Moderator:

Bernard L. Maria, MD, MBA

4:55 PM – 5:00 PM

CLOSING COMMENTS

Bernard L. Maria, MD, MBA

Additional Wednesday Meetings/Sessions

2:00 PM – 5:00 PM

**Professors of Child Neurology
(PCN) Meeting**

Organizer:

Gary Clark, MD, President

Introduction

Gary Clark, MD

**Resident and Faculty Burn
Out: Recognition, Prevention,
Impact and Remedies**

Tim Lotze, MD

Baylor College & Texas
Children's Hospital,
Houston, TX

Hedy Wald, MD

Brown University,
Providence, RI

**Residency Review
Committee Report**

David Urion, MD

Boston Children's Hospital
Boston, MA

Match Report

**The Future of Training
in Child Neurology and
Neurodevelopmental
Pediatrics**

8:00 AM – 4:15 PM

**Association of Child
Neurology Nurses**

(See page 13)

10:00 AM – 5:00 PM

**Program Coordinators of
Child Neurology (PCCN)**

(See page 14)

8:00 AM – 4:30 PM

**Pellock Resident Seminar
on Epilepsy**

8:15 PM – 10:00 PM

Legacy Reception

**Presentation of Arnold P.
Gold Humanism Award**

David Coulter, MD

**Presentation of Roger &
Mary Brumback Lifetime
Achievement Awards**

Abe Chutorian, MD and
W. Donald Shields, MD

**Special Program Recognizing
CNS/PCN/CNF Founder,
Kenneth Swaiman, MD**

8:15 PM – 10:00 PM

Movement Disorders SIG

8:15 PM – 9:30 PM

**Special Interest Group CME
Course: Neurocritical Care**

**Pediatric Critical Care-ICU
EEG Monitoring SIG**

Organizer:

Arnold Sansevere, MD

**Overview of Continuous EEG
Monitoring in the Intensive
Care Unit**

Arnold J. Sansevere, MD

Boston Children's Hospital,
Boston, MA

**Electrographic Seizures in
Patients on ECMO**

Rejean M. Guerriero, DO

Washington University
School of Medicine/St. Louis
Children's Hospital,
St. Louis, MO

Thursday, October 5

7:00 AM – 8:15 AM

CONTINENTAL BREAKFAST AND SEMINARS

BREAKFAST SEMINAR 1: UPDATE ON PAROXYSMAL MOVEMENT DISORDERS

Organizer:
Harvey Singer, MD
Johns Hopkins Hospital, Baltimore, MD

Tics and Tourette Syndrome

Donald L. Gilbert, MD
Cincinnati Children's Hospital Medical Center,
Cincinnati, OH

Motor Stereotypies

Harvey S. Singer, MD

Paroxysmal Dyskinesias

Toni Pearson, MD
Children's Hospital St. Louis, St. Louis, MO

BREAKFAST SEMINAR 2: SEX: WHY THIS BIOLOGICAL VARIABLE IS RELEVANT TO THE CHILD NEUROLOGIST

Organizer:
Mary Zupanc, MD
Children's Hospital of Orange County
University of California – Irvine, Irvine, CA

Sex, Brain Development, and the Child Neurologist – Some Questions and Insights from Neurobiology

Tallie Z. Baram, MD, PhD
University of California – Irvine, Irvine, CA

Sex Effects on Typical and Atypical Development of the Human Brain

Bradley L. Schlagger MD, PhD
Washington University, St. Louis, MO

From Bench to Bedside: Relevant Clinical Vignettes

Mary L. Zupanc, MD

BREAKFAST SEMINAR 3: HOW TO GET STARTED IN CHILD NEUROLOGY RESEARCH AT ANY POINT IN YOUR CAREER

Organizer:
Adam L. Hartman, MD,
NINDS, Rockville, MD

An Overview of Child Neurology Research 2018

Adam L. Hartman, MD

A Young Investigator's Perspective on Becoming Involved In Research

Courtney Wusthoff, MD, MS
Stanford University, Stanford, CA

Multicenter Studies – Unique Opportunities for Any Investigator

Mustafa Sahin, MD, PhD
Boston Children's Hospital, Boston, MA

9:00 AM – 12:00 PM

SYMPOSIUM II: PRESIDENTIAL SYMPOSIUM: PRACTICE ISSUES IN CHILD NEUROLOGY

Organizer:
Kenneth Mack, MD, PhD

Burnout in Child Neurology

Neil Busis, MD
University of Pittsburgh, Pittsburgh, PA

Coding and Future Changes in Neurology

Bruce Cohen, MD
Children's Hospital of Akron, Akron, OH

Quality Measures

Jeffrey Buchhalter, MD
University of Calgary, Calgary, AB, Canada

Telemedicine

Sidney Gospe, MD, PhD
Seattle Children's Hospital, University of
Washington

12:00 PM – 12:30 PM

CNS Business Meeting

12:30 PM – 1:45 PM

**CNS Humanism Workshop 2017:
Using Humanism to Improve
Patient Care in Child Neurology**

*Supported by the CNS and made possible with
a grant from the Arnold P. Gold Foundation.*

2:00 PM – 4:15 PM

**SYMPOSIUM III:
GLOBAL HEALTH SCIENTIFIC SYMPOSIUM.
DISPARITIES IN NEUROLOGICAL CARE AROUND
THE WORLD. AVENUES FOR INTERVENTION**

Organizer:

Jorge Vidaurre, MD, FACNS
Nationwide Children's Hospital
Columbus, OH

**Presentation of Bernard D'Souza International
Fellowship Awards:**

- Charles Hammond, FWACP (Paed); Kumasi, Ghana
- Aye Mya Min Aye, MBBS; MMedSc(Paediatric);
MRCPCH; Yangon, Myanmar

**Global health disparities and limitations for
collaboration. Can we overcome these limitations?**

Jorge Vidaurre, MD, FACNS

**An International Child Neurology Association
(ICNA) Perspective of the Global Situation in
Child Neurology Care**

Harry T. Chugani, MD
Nemours A.I. DuPont Hospital for Children,
Wilmington, DE

**Pediatric Neurological Care in Africa.
Importance of Collaborative Efforts**

Edward Kija, MD
Founder and Chief Pediatric Neurology Division,
Muhimbili University of Health and Allied Sciences,
Muhimbili National Hospital, Dar Es Salaam,
Tanzania

The NAC- ESC- ILAE Caribbean Experience

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

**A Global Perspective of Epilepsy Care.
Stand Up for Epilepsy; There is Much To Do,
Together, With One Voice**

Solomon L. Moshé, MD
Albert Einstein College of Medicine, Bronx, NY

Collaborative Projects and Closing Remarks

Jorge Vidaurre, MD, FACNS

4:30 PM – 6:00 PM

**POSTER REVIEW & EXHIBITS
(Wine & Cheese served)**

4:45 PM – 6:00 PM

**SPECIAL INTEREST GROUP CME COURSE:
EDUCATION**

Organizer:

Karen Keough, MD

**Curriculum Development: Collaboration
Between Programs & Goals of our
Education SIG Form**

Keough Keough, MD
Child Neurology Consultants of Austin,
Austin, TX

**How to Train Child Neurologists Using
Evidence Based Methodologies**

Tarif Bakdash, MD
Batson Children's Hospital,
University of Mississippi, Jackson, MS

**Curriculum Development in
Child Neurology: Using Movement
Disorders as an Example**

Tarif Bakdash, MD

Exhibit Hall Hours

(82 booths, 150 posters)

Wednesday: 6:00 PM – 8:00 PM
(with Welcome Reception)

Thursday: 11:30 AM – 6:00 PM
(Lunch and afternoon Wine & Cheese Reception)

Friday: 7:00 AM – 10:30 AM
(Breakfast served 7:00 AM – 8:15 AM)

Friday, October 6

7:00 AM – 8:15 AM

Poster Review (Breakfast served)

8:30 AM – 10:15 AM

PLATFORM SESSIONS 1 AND 2

10:45 AM – 10:55 AM

Presentation of Blue Bird Clinic Training Director Award: TBA

Presentation of CNS Junior Member Awards:

- Ka Ye Clara Chan, MD;
Loma Linda University Children's Hospital
- Hsiao-Tuan Chao, MD, PhD;
Baylor College of Medicine
- Rachel Goldstein Hirschberg, MD;
Boston Children's Hospital
- Carla Watson, MD;
Children's Hospital of Michigan

Presentation of AAP Travel Scholarship

- Audie Espinoza, MD; University of Utah

Presentation of CNS M. Richard Koenigsberger Scholarship Award

- Davut Pehlivan, MD; Baylor College of Medicine

Presentation of CNF Shields and PERF Grants:

- Tracy Gertler, MD; Lurie Children's Hospital (PERF Grant)
- Melissa Walker, MD; Massachusetts General Hospital (Shields Grant)

10:55 AM – 11:20 AM

PHILIP R. DODGE YOUNG INVESTIGATOR AWARD LECTURE: AUDREY C. BRUMBACK, MD, PHD

Introduction:

Kevin J. Staley, MD

Massachusetts General Hospital, Boston, MA

Laying the Groundwork for Circuit-Based Autism Therapies

Audrey C. Brumback, MD, PhD

audrey.brumbach@austin.utexas.edu

11:20 AM – 12:15 PM

BERNARD SACHS LECTURE: SOLOMON MOSHÉ, MD

Introduction:

Karen Ballaban-Gil, MD

Montefiore Medical Center, Bronx, NY

Kindling Knowledge in Epilepsy

Solomon Moshé, MD

Albert Einstein College of Medicine, Bronx, NY



BLOCH MEMORIAL FOUNTAIN AND WASHINGTON SQUARE PARK

12:45 PM – 2:00 PM

**SPECIAL INTEREST GROUP CME COURSE:
NEURODEVELOPMENTAL/NEUROGENETICS**

Organizers:

Miya Asato, MD
Children's Hospital of Pittsburgh, Pittsburgh, PA

Andrea Gropman, MD
Children's National Medical Center, Washington, DC

**Unknown Until Genome: Guide to Genetic
Testing in Neurology and Developmental
Pediatrics**

Miya Asato, MD

Andrea Gropman, MD

Kristin Baranano, MD, PhD
Johns Hopkins, Baltimore, MD

Jennifer Brault, MD
Vanderbilt University School of Medicine,
Nashville, TN

2:15 PM – 4:30 PM

**SYMPOSIUM IV:
CONVERSION DISORDERS AND
PSYCHOGENIC NON-EPILEPTIC SEIZURES**

Organizer:

Steven Leber, MD
University of Michigan, Ann Arbor, MI

Conversions Disorders: A Historical Overview

Leon S. Dure, MD
University of Alabama, Children's of Alabama,
Birmingham, AL

**Conversion Disorders: What We Know About
Their Neurobiology From Functional Imaging**

Mark Hallett, MD
NINDS, Bethesda, MD

Mass Psychogenic Illness

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

**Treatment of Psychogenic
Non-Epileptic Seizures**

W. Curt LaFrance, Jr., MD, MPH
Alpert Medical School, Brown University,
Rhode Island Hospital, Providence RI



4:45 PM – 6:00 PM

Junior Member Seminars

4:45 PM – 6:00 PM

**SPECIAL INTEREST GROUP CME COURSE:
INTERNATIONAL RELATIONS**

Organizer:

Jorge Vidaurre, MD
Nationwide Children's Hospital, Columbus, OH

**Introduction-Developing High Impact Outreach
Projects. Importance of Collaborative Efforts**

Jorge Vidaurre, MD

Update on CNS Data Gathering Questionnaire

Mariana Ciobanu, MD
Children's Hospital at Vanderbilt, Nashville, TN

**Importance of Global Health and
International Outreach Efforts**

Mary Spiciarich, MD
The Children's Hospital of Montefiore, Bronx, NY

**Importance of Active Involvement and
Communication Between Medical Societies**

Jeff Waugh, MD, PhD
Boston Children's Hospital, Boston, MA

Conclusion & Thank You

Jorge Vidaurre, MD

7:00 PM – 10:00 PM

Gala Closing Reception

Saturday, October 7

7:00 AM – 8:15 AM

BREAKFAST SEMINAR 4: NEWBORN SCREENING CONSIDERATION FOR SPINAL MUSCULAR ATROPHY

Organizer:

Han Phan, MD

Emory University School of Medicine, Atlanta, GA

Genetics of SMA

Kathryn J. Swoboda, MD, FACMG

Center for Human Genetics Research,
Massachusetts General Hospital, Boston, MA

CDC Role in NBS and Its Methodology

Robert F. Vogt, Jr., PhD

Centers for Disease Control, Atlanta, GA

Policy and Regulatory Standards

Jacqueline Glascock, PhD

Cure SMA, Elk Grove Village, IL

Ethical Issues in Newborn Screening for SMA

Lainie Friedman Ross, MD, PhD

University of Chicago, Chicago, IL

BREAKFAST SEMINAR 5: THE COMPREHENSIVE EVALUATION OF MITOCHONDRIAL MYOPATHIES

Organizer:

Zarazuela Zolkipli, MBChB, MRCP

The Children's Hospital of Philadelphia,
Philadelphia, PA

The Clinical and Biochemical Evaluation of Mitochondrial Myopathies

Amy Goldstein, MD

Children's Hospital of Pittsburgh, Pittsburgh, PA

The Endocrine Manifestations of Mitochondrial Myopathies, Quantitative Imaging of OXPHOS and Nutritional aspects

Shana McCormack, MD

The Children's Hospital of Philadelphia,
Philadelphia, PA

Quantitative Exercise Testing, Genetic Evaluation of MM and MSeqDr

Zarazuela Zolkipli, MBChB, MRCP

BREAKFAST SEMINAR 6: DIAGNOSING DRAVET SYNDROME – WHAT'S THE RUSH?

Organizer:

Kelly Knupp, MD, FAES

Children's Hospital Colorado, Aurora, CO

Clinical Presentation and Comorbidities

Kelly Knupp, MD, FAES

What Do Animal Models Teach Us About this Syndrome?

Sookyong Koh, MD, PhD

Emory University, Atlanta, GA

Choosing the Best Treatment to Maximize Long Term Outcome

Elaine Wirrell, MD

Mayo Clinic, Rochester, MN

8:45 AM – 9:30 AM

HOWER AWARD LECTURE: NINA SCHOR, MD, PHD

Introduction:

Jonathon S. Schor

Stanford J. Schor

A Life at the Interface

Nina Schor, MD, PhD

University of Rochester, Rochester, NY

9:45 AM – 12:00 PM

SYMPOSIUM V: PEDIATRIC NEURO-ONCOLOGY – WHAT'S THE NEW ROUTINE IN 2017?

Organizer:

Sonia Partap, MD, MS

Stanford University, Palo Alto, CA

How Classifying Pediatric CNS Tumors has Changed: The Who and Why

Sonia Partap, MD, MS

Neurology Consults in Pediatric Oncology: New Agents, New Challenges

Yasmin Khakoo, MD

Memorial Sloan Kettering Cancer Center, New York, NY

The Child Neurologists Guide to the Brain Tumor Survivor: Recognition, Mitigation and Prevention of Neurologic Late Effects

Nicole Ullrich, MD, PhD

Boston Children's Hospital & Dana-Farber Cancer
Institute, Boston, MA



COUNTRY CLUB PLAZA DISTRICT AND BRUSH CREEK IN KANSAS CITY

1:00 PM – 4:30 PM

**SYMPOSIUM VI:
CHILD NEUROLOGY FOUNDATION
SUDEP AWARENESS**

Organizer:
Child Neurology Foundation

Welcome

**SUDEP Awareness:
From the Perspectives of Providers and Families**

William H. Trescher, MD
President, Child Neurology Foundation

SUDEP in Children:

**What Child Neurologists Need to Know about the
Risk for SUDEP and How to Reduce Risk?**

Elizabeth Donner, MD, FRCPC
The Hospital for Sick Children, University of
Toronto, Toronto, Canada

State of Science:

What Do We Know Today About SUDEP?

Jeffrey Buchhalter MD, PhD
Alberta Children's Hospital, Alberta, Canada

Perspectives:

Living with the Knowledge of SUDEP

Jennifer Silva
Informatica

Margaret Storey, PhD
DePaul University in Chicago, Chicago, IL

Moderated by:

Cyndi Wright; CNF Consultant

**The Art of Health Care Communication:
Applying Communication Science to the
Daily Practice of Child Neurology**

Sarah Friebert, MD
Akron Children's Hospital,
Northeast Ohio Medical University, Akron, OH

Making a Difference:

Resources to Help Save Lives

Tom Stanton
Danny Did Foundation

Q&A and Closing Remarks

William H. Trescher, MD

Saturday, October 7 | continued

1:00 PM - 4:30 PM

BIOMEDICAL WRITING WORKSHOP

Organizer:

E. Steve Roach, MD

Nationwide Children's Hospital, Columbus, OH

Why Manuscripts are Rejected

E. Steve Roach, MD

Shortcuts to Better Papers

Keeping Things Moving: Combating Writer's Block

Responding to Reviews and Revising Your Manuscript

Rules of the Road:

Permissions, Consents, and Other Potholes

Marc Patterson, MD

Mayo Clinic, Rochester, MN

Meet the Editors Q&A

E. Steve Roach, MD

Marc Patterson, MD

One Afternoon Toward Better Writing: The CNS Biomedical Writing Course

Daniel J. Bonthius, MD, PhD

Editor, *Connections*

With the goal of improving their writing skills, thirty people attended the inaugural CNS biomedical writing course on Saturday afternoon following the 2016 annual meeting in Vancouver. The half-day course was organized by Dr. E. Steve Roach and was supported by the CNS and Nationwide Children's Hospital. Course participants included Roach (editor of *Pediatric Neurology*), Dr. Marc Patterson (editor of the *Journal of Child Neurology*), Dr. Jonathan Mink (Associate Editor of *Neurology*), and Dr. Scott Pomeroy (Associate Editor of *Annals of Neurology*).

The session was developed to aid junior faculty members and trainees who are inexperienced writers. Topics included common reasons for manuscript rejection, how to overcome writer's block, techniques to improve writing skills, how to respond to reviewer comments, and publishing ethics. The editor panel was available to answer participants' questions.

One attendee commented "This workshop was phenomenal. I am very excited to begin implementing many of the strategies presented. There was a great balance between discussion of overarching themes and suggestions of specific tools to be used." Based on the very positive participant feedback, the course will be offered again following the 2017 CNS Annual Meeting in Kansas City and may become an annual event.

Individuals who are interested in attending the 2017 course in Kansas City should contact Dr. Roach at roache@nationwidechildrens.org. There is no fee to attend and lunch and handout materials are included. However, attendance is limited to 30 people.



KAUFFMAN CENTER FOR THE PERFORMING ARTS

2017 Association of Child Neurology Nurses Conference

WEDNESDAY, OCTOBER 4

8:00 AM – 8:15 AM
Welcome

8:15 AM – 9:00 AM
Janet Bruckner Keynote
Address: Brace for Impact to Change the World

Karen Ketner, DNP, FNP-C, FAANP;
Director of Advanced Practice,
San Jose, CA

9:00 AM – 10:00 AM
TIC Talk: Taking Time for Trauma-Informed Care
Jennifer Boyd, RN, MHSc, CNN(C);
The Hospital for Sick Children,
Toronto, ON, Canada

10:00 AM – 10:15 AM
Break

10:15 AM – 10:45 AM
The Genetics, Inheritance and Clinical Diagnosis of Neurofibromatosis Type 1
Stephanie Shea, PA-C; Children's
Hospital Colorado, Aurora, CO

Claire Egan, MS, CGC; Children's
Hospital Colorado, Aurora, CO

10:45 AM – 11:45 AM
Telehealth Nursing: Making Seizure Safety More Savv
Ginenne Sullivan, BSN, RN, CPN;
Children's Hospital Colorado,
Aurora, CO

11:45 AM – 1:30 PM
Lunch, Awards Presentation and Annual Business Meeting

1:30 PM – 2:00 PM
Nursing Care in a Tourette Center of Excellence
Meghan Turner, BSN, RN, CPN;
Children's Mercy Hospital,
Kansas City, MO

Sandy Price, MSN, RN-BC;
Children's Mercy Hospital,
Kansas City, MO

2:00 PM – 3:00 PM
Identification of Tics and Associated Comorbidities: Lessons Learned
Amy Vierhile, DNP, RN, PPCNP-BC;
University of Rochester Medical Center,
Rochester, NY

3:00 PM – 3:15 PM
Break

3:15 PM – 4:30 PM
The Many Faces of Pediatric Stroke
Mona Jacobson, RN, MSN, CPNP;
Children's Hospital Colorado,
Aurora, CO

Jo Ellen M. Lee MSN APRN;
Nationwide Children's Hospital,
Columbus, OH

THURSDAY, OCTOBER 5

12:00 PM – 1:00 PM
Lunch – Regional Networking

1:00 PM – 1:30 PM
Innovative Clinical Practice: When Mom Isn't Around: The Innovative Use of a Migraine Action Plan to Decrease Headache-Related Disability in School
Elizabeth Rende, DNP, RN, CPNP-PC;
Duke School of Nursing, Durham, NC

1:30 PM – 2:00 PM
Beyond Pills
Kristin Allender, RN, CPN;
Children's Mercy Hospital,
Kansas City, MO

Andrew Crowther, RN;
Children's Mercy Hospital,
Kansas City, MO

2:00 PM – 3:00 PM
Rett Syndrome and Rett Like Disorders – At a Loss for Words
Tristen Dinkel, BSN, RN, CPN, CNRN;
Children's Hospital Colorado,
Aurora, CO

3:00 PM – 3:30 PM
Rett Syndrome: Seizure or Non-Epileptic Spell?
Rebecca Schultz, PhD, RN, CPNP;
Baylor College of Medicine &
Texas Children's Hospital

FRIDAY, OCTOBER 6

9:00 AM – 10:00 AM
Talk With Me Baby: Early Brains and Language Nutrition
Ashley Darcy Mahoney, PhD, NNP,
FAAN; George Washington University
School of Nursing, Washington, DC

10:00 AM – 10:30 AM
Ode to Kernicterus
Courtney Wellman, RN, CPN;
Children's Mercy Hospital,
Kansas City, MO

10:30 AM – 11:30 AM
Sex, Drugs, and Birth Control: A Nursing Led Initiative to Standardize Patient Education in a Pediatric Neurology Clinic
Larissa N. Gadsby, RN(EC), BScN,
MScN, NP-Pediatrics; Hamilton Health
Sciences – McMaster Children's
Hospital, Hamilton, ON, Canada

Christina Carter BScN MN
NP-Pediatrics; Hamilton Health
Sciences – McMaster Children's
Hospital, Hamilton, ON, Canada

11:30 AM – 12:00 PM
Seizure Baseline Card for Patients with Intracranial EEG
Meghan Smith, BSN, RN;
Seattle Children's Hospital, Seattle, WA
Deborah Rogers, RN;
Seattle Children's Hospital, Seattle, WA
Mary Katowa, RN, BSN;
Seattle Children's Hospital, Seattle, WA

12:00 PM – 1:00 PM
SIG LUNCH

1:00 PM – 2:00 PM
Social Media Engagement and Love Diseases. Does an APRN Belong There?
Carol Green-Roethke, RN, MSN,
CRNP-APRN; Nemours & DuPont
Hospital for Children; Wilmington, DE



Program Coordinators of Child Neurology Conference

WEDNESDAY, OCTOBER 4

9:00 AM - 5:00 PM

THURSDAY, OCTOBER 5

9:00 AM - 5:00 PM

The Program Coordinators of Child Neurology (PCCN) conference is a two day session providing a combination of workshops and didactic presentations focusing on residency program management and challenges of education management specific to child neurology.

Topics will include ACGME related content such as the self-study process, program management in the NAS-era, recruitment, management and organization of GME requirements as well as professional development.

Plans are also underway for the 2nd annual combined Education SIG for Program Directors and Program Coordinators along with a meet and greet session for medical students. All Child Neurology and Neurodevelopmental Disabilities Residency Coordinators and Subspecialty Fellowship Coordinators are encouraged to attend this meeting.



KANSAS CITY, MISSOURI

Hotel Accommodations



TRAVEL INFORMATION

Contact Partners in Travel at 612/338-0004 to take advantage of the many ways to save on meeting airfare by booking 60 days in advance (or more). The travel professionals at Partners in Travel will find the very best combination of price and schedule to suit your specific needs.

Partners in Travel, LTD / Travel Leaders
T: 612/338-8004
E: ulla@tvleaders.com

HOTEL ACCOMMODATIONS

ON-LINE BOOKING FOR CNS ANNUAL MEETING AVAILABLE WEEK FOLLOWING JULY 4 HOLIDAY

The CNS has reserved a block of rooms at the Sheraton Crown Center in Kansas City. A direct link to group rate reservations is available upon completion of paid meeting registration.

- Room Rates: Begin at \$169
- Link sent upon completion of paid registration

Hotel registration must be handled directly with the Sheraton Crown Center Hotel.

**All registration
on-line beginning
week following July 4.**

**Hotel reservation link
provided with paid
registration.**

Registration

THREE REGISTRATION RATE SCHEDULES ARE AVAILABLE.

CHECK ON-LINE OR ON THE FORM BELOW FOR THE APPROPRIATE CATEGORY:

1. CNS and ACNN Members with dues paid by 6/15 eligible for lowest, discounted rates
2. CNS and ACNN Members with dues paid after 6/15
3. Non-Members and/or CNS and ACNN Members with unpaid dues

Early registration deadline for all categories:
August 31, 2017

NOTE: PRE-REGISTRATION REQUIRED FOR THE FOLLOWING COURSES:

- Wednesday NDC Symposium - Leukodystrophy (\$180 course fee; 375 seats available)
- Thursday Humanism in Medicine Luncheon (no fee; 100 seats available)
- Saturday CNF Symposium - SUDEP (\$50 course fee; 185 seats available)

CNS MEMBERS HAVE PRIORITY REGISTRATION UNTIL AUGUST 10

Register On-line at: www.childneurologysociety.org/meetings

2017 CNS Annual Meeting Registration Fee Schedule

MEMBERS RECEIVE DISCOUNTS AND PRIORITY - REGISTER EARLY

	EARLY REGISTRATION on or before Aug 31	REGULAR REGISTRATION Sept 1- Sept 25	LATE REGISTRATION Sept 26-Oct 7
MEMBERS			
Active Member - Dues paid BY 6/15	<input type="checkbox"/> \$545	<input type="checkbox"/> \$645	<input type="checkbox"/> \$695
Active Member - Dues paid AFTER 6/15	<input type="checkbox"/> \$645	<input type="checkbox"/> \$695	<input type="checkbox"/> \$745
Active Member - Unpaid dues - register as non-member below			
Emeritus	<input type="checkbox"/> \$295	<input type="checkbox"/> \$395	<input type="checkbox"/> \$445
Junior - Dues paid BY 6/15	<input type="checkbox"/> \$295	<input type="checkbox"/> \$395	<input type="checkbox"/> \$445
Junior - Dues paid AFTER 6/15	<input type="checkbox"/> \$375	<input type="checkbox"/> \$395	<input type="checkbox"/> \$445
Junior - UNPAID DUES - register as non-member below			
Junior Member/First Author - Dues paid BY 6/15	<input type="checkbox"/> FREE	<input type="checkbox"/> \$375	<input type="checkbox"/> \$425
Junior Member/PGY5 - Dues paid BY 6/15	<input type="checkbox"/> FREE	<input type="checkbox"/> \$375	<input type="checkbox"/> \$425
ACNN - Nurse Member	<input type="checkbox"/> \$295	<input type="checkbox"/> \$395	<input type="checkbox"/> \$445
MEMBERS ARE ELIGIBLE FOR PRIORITY ACCESS TO NDC & CNF SYMPOSIA. DEADLINE AUGUST 10.			
Wednesday NDC Symposium (375 seats reserved)	<input type="checkbox"/> \$180	N/A	N/A
Saturday CNF Symposium (185 seats reserved)	<input type="checkbox"/> \$50	<input type="checkbox"/> \$75	N/A
NON-MEMBERS			
Non-CNS Member	<input type="checkbox"/> \$745	<input type="checkbox"/> \$895	<input type="checkbox"/> \$945
Non-CNS Member Resident/Trainee	<input type="checkbox"/> \$425	<input type="checkbox"/> \$495	<input type="checkbox"/> \$545
Non-ACNN Member Nurse	<input type="checkbox"/> \$420	<input type="checkbox"/> \$520	<input type="checkbox"/> \$570
Medical Student	<input type="checkbox"/> FREE	<input type="checkbox"/> \$195	<input type="checkbox"/> \$245
Guest Nametag/Reception Pass Includes: Wednesday, Thursday, & Friday Evening Receptions (Note: Registrant nametag = 1 pass for Wednesday, Thursday & Friday Receptions. Additional passes for spouse and/or children may be purchased.) Name _____	<input type="checkbox"/> \$95	<input type="checkbox"/> \$95	<input type="checkbox"/> \$95
NON-MEMBERS MAY REQUEST WAITING LIST STATUS FOR NDC & CNF SYMPOSIA. CNS WILL CONTACT YOU AFTER AUGUST 10 IF SEATS REMAIN.			
Wednesday NDC Symposium (limit = 375)	<input type="checkbox"/> \$180	N/A	N/A
Saturday CNF Symposium (limit = 185)	<input type="checkbox"/> \$50	<input type="checkbox"/> \$75 if available	N/A
TOTAL ENCLOSED			
<i>Checks payable in US funds only to Child Neurology Society. All credit card registration is on-line via CNS Website.</i>			

REGISTRATION CONFIRMATION

- **E-mail confirmation only** (include address)
- Hotel registration and confirmation must be handled independently with the meeting hotels.

CANCELLATIONS AND REFUNDS

- Cancellations received in writing **on or before September 1** will receive full refund (less \$75.00 administrative fee).

- The CNS assumes significant non-refundable financial/contractual obligations one month prior to the meeting, for which reason **no** refunds of registration fees will be made **after September 1**.

CONNECTING WITH PARTNERS

Professors of Child Neurology



Sidney M. Gospe, Jr.,
MD, PhD
Chair, Child Neurology
Match Oversight
Committee

Results of the 2017 Child Neurology Match

The 2017 Child Neurology Match was completed on March 17, 2017 under the auspices of the National Resident Matching Program (NRMP). This is the sixth year that child neurology positions have been filled via the NRMP. Prior to 2012, the positions were filled via the San Francisco Match. Some advanced data regarding the match has been made available by the NRMP with a complete set of data tables due to be released later in the spring. Importantly, some of the positions that were unfilled by the match may have subsequently been filled via the “Supplemental Offer and Acceptance Program (SOAP), previously known as “the scramble”. The currently available advanced data tables do not take into account positions that were filled via SOAP. The match results for Child Neurology programs are summarized in three specific groups.

Categorical Child Neurology Programs (five year programs that include two years of general pediatrics); positions that begin June 2017

Sixty-nine programs (64 in 2016) offered 128 categorical positions (116 in 2016) in the match. Of these positions, 119 were filled and nine (from eight programs) went unfilled. Ninety-seven of the 119 matched slots were filled by US seniors.

Advanced Three year Child Neurology Programs (applicants are required to match into a pediatrics program that is not necessarily linked to the child neurology program); positions that begin July 2019

Eleven programs (16 in 2016) offered 11 of these positions (18 in 2016) in the match. Of these positions, nine were filled and two (from two programs) went unfilled. Five of these nine matched slots were filled by US seniors.

Reserved Child Neurology Positions for either current pediatrics residents or other applicants with adequate preliminary training who would be eligible to start child neurology training in July 2017

Twenty-nine programs (28 in 2016) offered 33 of these positions (36 in 2016) in the match. Of these positions, 19 were filled and 14 (from 13 programs)

were unfilled. As these are all reserved slots, none of them were filled by US senior medical students.

In summary, for child neurology positions where neurological training will begin in July 2019, there were 139 positions offered and 128 were filled (92%), and for reserved positions where neurological training will begin this July, 19 of 33 positions (58%) were filled. Not taking into account any positions that may have been filled by SOAP, there are 25 unfilled positions compared with 27 in the 2016 match.

Positions for the Neurodevelopmental Disabilities (NDD) programs were also filled by the NRMP and are also summarized in three specific groups.

Categorical NDD Programs that begin June 2017

Three programs (three in 2016) offered three positions (two in 2016). All three slots were filled by US seniors.

Advanced NDD programs not necessarily linked to a preliminary pediatrics program (applicants are required to match separately into a pediatrics program); positions that begin July 2019

Three programs (four in 2016) offered four positions (five in 2016) in the match. Three of these positions were filled by US seniors and one program did not fill.

Reserved NDD Positions for either current pediatrics residents or other applicants with adequate preliminary training who would be eligible to start Child Neurology/NDD training in July 2017

Two programs (one in 2016) offered two positions (one in 2016) in the match. These positions were not filled in the match.

In summary, for NDD positions where neurological training will begin in July 2019, there were seven positions offered and six were filled, and for reserved positions where neurological training will begin this July, the two offered positions were not filled.

A more complete discussion of the 2017 match results that will include positions filled by SOAP and longitudinal trends will be presented at the Professors of Child Neurology meeting in October.

CONNECTING WITH PARTNERS

Association of Child Neurology Nurses



Maureen Sheehan, CPNP
President, Association of
Child Neurology Nurses

Dear colleagues,

Looking forward to seeing all of you in Kansas City! ACNN, in response to our conference evaluations, has added some new networking opportunities to our conference agenda and increased the number of hours of CEUs that we will offer. ACNN will be meeting in the adjoining Westin Hotel which will allow us to have our entire meeting in the same room with a room next door for meeting up with friends old and new. For the first time we, in conjunction with Children's Mercy Hospital of Kansas City, are sponsoring a social event away from the conference. We'll be visiting the Nelson-Atkins Museum famous for its Asian art, Henry Moore bronze sculptures, and artistic representations of badminton birdies. Eclectic, just like child neurology nursing!

The Board of Directors is engaged in a few projects which will become permanent parts of ACNN. The newly formed Policies and

Procedures Committee, made up of past ACNN presidents, is reviewing, revising, and, in some cases, writing policies that recognize all that we do. The Research Committee is updating the criteria for the Hobdell Research Grant to put an emphasis on supporting pilot projects and nurses just getting started in research. Based on the very successful Child Neurology Nursing regional conference held annually in Columbus, Ohio, our Outreach Committee has just completed a detailed manual describing how to hold a regional meeting including a timetable and application for financial and marketing support from ACNN.

All of the above are available to ACNN members only. Do you know if your nursing colleagues are ACNN members? If not, please ask and offer your support.

See you in KC.



Got a project or colleague
working on a project that you'd
like to see featured?

Send email to Dan Bonthius (daniel-bonthius@uiowa.edu);
cc Roger Larson (rblarson@childneurologysociety.org)

CONNECTING WITH YOUR FUTURE

Personnel Registry

CNS PERSONNEL REGISTRY ALABAMA

PEDIATRIC NEUROLOGIST NEEDED IN METRO SOUTHEAST, FORBES TOP 10 SMARTEST CITIES

Excellent opportunity to practice in a growing area that enjoys a strong local economy. Practice mainly sees seizures, headaches, developmental delays, CP and muscle issues. Baclofen pump, Botox, EEG, EMG/NCV studies, EMU monitoring.

Very competitive compensation package with base salary and worked RVUs/ productivity and quality incentives.

Huntsville Hospital for Women and Children is a stand-alone facility dedicated to caring for women, infants, children, and adolescents. The hospital offers the region's most comprehensive and experienced maternal and child health programs. It was established in 2002 and is rated in the Top 50 Pediatric Programs in the nation. Average of 5,000 births a year and 16,000 admissions annually. Huntsville Hospital for Women & Children is the only one of its kind in the region with a 16-bed Pediatric ER, 11 bed PICU, 45 bed Level III NICU, 40-bed Pediatric Inpatient facility treating infants to 18 years of age and 1 of 6 St. Jude Children's Research Hospital affiliate clinics for Pediatric Hematology/Oncology.

Huntsville, with a population of 386,661 in the metro area, is a high-tech, family oriented, multi-cultural community with excellent schools, dining and entertainment. Huntsville is situated in the fastest growing major metropolitan area in Alabama, and with the highest per capita income in the southeast, Huntsville is the best place to live, learn and work. We are a community on the move with rich values and traditions while progressing with new ideas, exciting technologies and creative talents.

- Huntsville: #1 BEST CITY by *Kiplingers Personal Finance Magazine*

- Huntsville named one of the Top 50 Best Places to Raise Children in the US by *Business Week*
- Huntsville named in Top Ten Smartest Cities in the World by *Forbes*

For more information, please contact
**Suzanne LeCroix at 256/265-9639 or
suzanne.lecroix@hhsys.org**

CNS PERSONNEL REGISTRY ARIZONA

PEDS NEUROLOGY & EPILEPTOLOGY BANNER HEALTH A LEADING HEALTH CARE SYSTEM IN ARIZONA

Banner Health, an integrated and top-ranked health care system, is seeking two BC/BE Child Neurologists to join our pediatric neurology practice at two major sites within the greater Phoenix area.

General Peds Neurology: We are seeking candidates with general neurology interests, to include headaches, seizure disorders and EEG reading, neuromuscular disorders, and neonatal development. This is an opportunity to work alongside four board-certified pediatric neurologists in a team-oriented environment with a full complement of pediatric physicians covering 27 different specialties.

Pediatric Epileptologist: Join a growing pediatric neurology program in the greater Phoenix area. Ideal candidate will have experience in developing or the desire to develop a pediatric epilepsy program to include specialized outpatient seizure coverage and assist with building an EMU. Experience in EMU practice is highly desirable. Candidates must be Board Certified Pediatric Neurology by the ABPN and have completed a Clinical Neurophysiology or Epilepsy fellowship.

Cardon Children's Medical Center (CCMC), located in Mesa, is a 248-bed facility providing comprehensive specialized pediatric medical and surgical

services including a 24-bed PICU with specialized services for specific childhood diseases. Providing 24/7 in-house comprehensive family-centered care, this child-friendly atmosphere provides critical inpatient services for infants, children and adolescents. Additional outpatient services are available on the CCMC campus, including our Child Neurology group that has plans to establish an epilepsy center. Mesa is a large suburb of Phoenix with easy access to two airports, the college community surrounding Arizona State University, shopping and dining in Scottsdale, professional baseball/Spring Training, and hiking, biking and many more outdoor activities!

Banner Thunderbird Medical Center (BTMC) is located in the West Valley of Phoenix in Glendale, Arizona. BTMC is 555-bed facility with a 40-bed inpatient pediatric ward, a 35 bed NICU, and a 17 bed PICU. BTMC is currently ranked as one of the top hospitals in the Phoenix metropolitan area by *US News & World Report* and is a recipient of the prestigious "Best of the West" award from Westmarc in recognition of the hospital's contributions to the region. Part of our Peds Neurology team practices from the BTMC campus. Glendale and the West Valley are growing areas offering excellent suburban neighborhoods, professional sports, hiking and boating, and magnificent sunsets!

Banner Health is one of the largest non-profit healthcare systems in the country with twenty-eight hospitals, to include the University of Arizona academic hospitals in Tucson and Phoenix, six long term care centers and an array of other services, including family clinics, home care services and home medical equipment, in six Western and Midwestern states. Our physicians work in highly integrated and innovative environments. Banner promotes a collaborative team-oriented workplaces and clinical settings that focus on providing excellent patient care.

ARIZONA continued

Banner Health offers attractive compensation plus incentives, paid malpractice, paid CME plus allowance and outstanding benefits that provide security for you and your family.

Please submit your CV to:
doctors@bannerhealth.com

For questions, please call Pam Disney,
Sourcing Strategist: 602/747-4397

Visit our website at:
www.bannerhealth.com

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

PEDIATRIC NEUROSURGEON

You deserve the best by practicing with one of the best!

Banner Health and Cardon Children's Medical Center, Arizona

Banner Health, Banner Children's Specialists and Cardon Children's Medical Center is seeking an Employed Board Certified/Board Eligible Pediatric Neurosurgeon to join a growing program in the East Valley of Phoenix, AZ. Cardon Children's Medical Center is a comprehensive children's hospital that serves greater Phoenix, the state of Arizona and beyond! The Banner Children's Subspecialty Group located on the same campus as Cardon Children's Medical Center supports a growing population of state-wide referrals.

Join our collegial team of two Pediatric Neurosurgeons, one Nurse Practitioner and full support staff. Pediatric Neurosurgery training/experience is required, qualified candidate must be Board Certified/Board Eligible. Services provided include inpatient, outpatient surgical care for acute and chronic neurosurgical conditions. Work schedule is Monday through Friday with shared call of 1:4 Additional income opportunities available with optional added call. Our state-of-the-art facility

features 206 beds, specially trained nurses and doctors and family-centered care.

Other benefits offered at our children's medical center include:

- An expanded Neonatal Intensive Care Unit from 65 beds to 86 beds
- Six pediatric operating rooms featuring 25 private, child-friendly pre- and post-op areas
- An expanded Pediatric Emergency Department, increasing from 15 to 26 beds
- Outpatient Treatment Center includes 16 beds that can serve as overflow for Emergency
- Department during peak evening hours
- Dedicated Pediatric Radiology Department
- Dedicated Pediatric Rehabilitation unit
- Dedicated pediatric cancer and blood disorder unit
- Dedicated Pediatric Intensive Care Unit, with shelved space for future PICU expansion

Benefits for families include:

- Separate treatment rooms on every floor.
- Private patient rooms with ample space for patient and family members, including private baths
- Family lounges, dietary stations and laundry rooms for family use
- Interactive play/family spaces
- Unique interior design that emulates nature scenes and individual houses at the entrance to every room
- Forever Young Zone, a multipurpose auditorium/performance space, designed by Steve Young's Forever Young Foundation

Banner Health offers excellent compensation plus incentives, relocation and recruitment incentives, paid malpractice, Paid CME plus allowance and outstanding benefits that provide security for you and your family.

Please submit your CV to: doctors@bannerhealth.com For questions, please call Pam Disney, Sourcing strategist: 602/747-4397. Visit our website at: www.bannerhealth.com

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Employer. Please, no agency solicitations. Banner Health never asks for banking information during the application process.

CNS PERSONNEL REGISTRY CALIFORNIA

PREMIER PEDIATRIC NEUROLOGY OPPORTUNITY

Santa Barbara, California

Become a part of this world-class medical community. Join a well established practice with over 30 years in Santa Barbara.

- Generous starting compensation with benefit allowance
- \$300,000 housing assistance with paid relocation
- Average of 18-20 patients per day in clinic
- 2-5 consults per week in hospital
- No adult Neurology/Stroke call
- Stipend for shared Pediatric Neurology hospital call
- Average wait for new patients is 2 months
- Follow-up patients wait time is 6-8 weeks
- Largest not-for-profit hospital between Los Angeles and San Francisco

Welcome to the American Riviera. Once you live in Santa Barbara, you won't want to leave.

- Excellent dining and entertainment
- Enjoy the beautiful beaches of California's Central Coast
- Excellent public and private schools
- Three college town
- Enjoy all the culture and local arts of Santa Barbara
- Easy access to Los Angeles and San Francisco

To be considered for this Pediatric Neurologist job opportunity, please contact us 866/995-6077 or by email info@fidelismp.com.

Job ID: PDN 621651

LOS ANGELES: GENOMICS TESTING INTEGRATED WITH CLINICAL PRACTICE

MEDgomics (www.medgomics.com) is looking for a clinician to participate in our local and national autism/epilepsy/

mitochondrial disease/ID NextGen sequence mediated personalized medicine practice led by Steve Sommer, MD, PhD.

A Neurologist and/or Clinical Geneticist is sought. Join our group and be part of the coming personalized medicine revolution at the dawn of this 3rd Era of Medicine.

Board Certifications in Clinical Molecular Genetics or Clinical Biochemical Genetics are optional pluses but not essential.

- Interact closely with the most comprehensive NextGen Diagnostic Laboratory for autism/epilepsy/mitochondrial disease/ID testing.
- During the multi-step 5-month exome analysis (with particular emphasis on 1300+ genes), interact with and support the patients and their families.
- Help to generate pathophysiological analyses. Identify personalized dietary, personalized supplement and drug therapies.
- Work closely with a few select referring physicians.

IMPORTANT: Assist in forming a 3rd Era of Medicine diversified multi-physician clinical practice in LA that will integrate expertly performed diagnostic testing with personalized medicine in a manner that the overwhelming majority of physicians have great difficulty accomplishing well.

3rd Era of Medicine diversified clinical practice will subsequently be initiated in San Francisco or another major city.

If a Board Certified Clinical Molecular Geneticist, a part-time Associate Directorship of the Diagnostic Lab is available.

Please forward a copy of your resume, your professional goals for the next five years, and a minimum of three references including phone numbers, email address.

SEND RESUME TO Recruitment: Tresala Wilkerson at (Tresala_unique@yahoo.com)

ABOUT MEDGOMICS, INC.

MEDgomics is a private NextGen Neuropsychiatric diagnostic laboratory integrated with a clinical practice of personalized medicine. The home of MEDgomics is by the beautiful San Gabriel Mountains in Los Angeles County (13 miles east of Pasadena). We are a group intensively focused on optimizing the integration of genomic testing with clinical practice.

CHILD NEUROLOGIST

Seeking an additional Child Neurologist to provide comprehensive evaluation and management for full scope community pediatric neurological pathology including complex epilepsy, cerebral palsy, migraines, intellectual disability/developmental delay, autism, and muscle disorders. The candidate would be working in a county affiliated clinic at Ventura County Medical Center, that includes a 12 bed Pediatric floor, a 28 bed level 2 NICU, and a soon to be opened 8 bed PICU. Candidate would be expected to see patients 3-4 days a week of outpatient care, occasional inpatient consults, and option to work at California Children Services, CCS, Medical Therapy Units. Child Neurology clinical service does not require in hospital call, all night and weekend call are taken at home and will be split between a call pool. NO adult call. The salary will be competitive for pediatric subspecialists. Will join a robust Pediatric clinic that includes 5 general pediatricians and multiple subspecialty care.

About Ventura: Located along the Beautiful Central Coast. Has a population of 100,00 people. 30 minutes from Santa Barbara and 1 hour from Downtown Los Angeles, but still has the great feeling of a beach town with great weather. Rated by Men's Journal as one of the 10 best places to live in the United States.

Contact Information:
Sun Moon Lee
sun.lee@ventura.org

PEDIATRIC NEUROLOGY PHYSICIAN

Santa Barbara, California
Pediatric Neurologist Physician Needed
\$900 Million New Hospital Being Built

Welcome to the American Riviera Where life itself is a fine art. Be part of a world class medical community and join a well-established practice with over 25 years in the community.

- Join a well-established provider
- Generous starting compensation with benefit allowance
- Average of 18-20 patients per day in clinic
- 2-5 consults per week in hospital
- Not required to take stroke call
- Average wait for new patients is 2 months

- Follow-up patients wait time is 6-8 weeks
- Be busy from day 1
- Shared call
- New Neuro ICU Unit
- Level II trauma center
- Largest not-for-profit hospital between Los Angeles and San Francisco
- \$300,000 housing assistance
- Relocation allowance

Nestled between the ocean and the mountains, Santa Barbara offers breathtaking vistas, beautiful flowers, an abundance of Spanish colonial architecture and a mild Mediterranean climate.

Once you come home to Santa Barbara, it's hard to imagine living anywhere else

- World-class accommodations and dining await
- Enjoy the Pristine beaches of the California Coast
- University of California at Santa Barbara
- Great mountain and road biking, world class surfing and wind surfing
- Enjoy all of the culture and local arts of Santa Barbara
- Excellent public and private schools
- Easy access to Los Angeles and San Francisco
- Over 50 wineries in your backyard

To be considered for this Pediatric Neurologist job opportunity, please contact Paul Santos at 949/325-7070 or by email psantos@fidelismp.com.

Job ID: PDN 621651

PEDIATRIC EPILEPTOLOGIST

The Department of Neurology at UC Davis Medical Center is actively seeking a board eligible/certified neurologist for a full-time position as a Pediatric Epileptologist.

This position is at the Assistant/Associate/ Full Professor level in the Health Sciences Clinical series. The pediatric epileptologist will direct the pediatric epilepsy service, Pediatric EEG Monitoring Unit and work closely with our epilepsy team of three neurologists and epilepsy fellows that comprise our NAEC Level 4 Epilepsy Center.

The incumbent will join three other pediatric neurologists and pediatric nurse practitioner who participate in delivering care at our state-of-the-art Midtown outpatient and neurophysiology clinic,

CALIFORNIA continued

UC Davis Children's Hospital and Shriners Northern California Hospital for Children. The UC Davis Children's Hospital has a 49-bed Neonatal Intensive Care Unit (NICU), is a Level III nursery, and cares for infants from throughout Northern California. The NICU averages more than 500 admissions per year while the 24-bed Pediatric Intensive Care Unit (PICU) averages more than

1000 admissions annually. ICU beds are wired for EEG and are exported to Citrix. Incumbents will participate in the education of residents, fellows and medical students.

Candidates must have completed an ACGME approved residency program in child neurology, be board certified or eligible in child neurology, possess an MD degree, possess a valid California medical license or be license eligible, and be board certified

or eligible in epilepsy with expertise in reading pediatric and neonatal EEGs.

To receive full consideration, applications must be received by January 27, 2017; position open until June 30, 2017. Interested applicants should submit: 1) cover letter; 2) curriculum vita; 3) names of three references including addresses, telephone numbers and email addresses; and 4) a statement of contributions to diversity.

All materials must be submitted using the following application link: <https://recruit.ucdavis.edu/apply/JPF01379>



The Department of Neurology and Neurological Sciences at Stanford University School of Medicine is seeking several board-certified child neurologists to join the Department as a Clinical Assistant Professor, Clinical Associate Professor, or Clinical Professor in the Clinician Educator line. Faculty rank will be determined by the qualifications and experience of the successful candidate. The major criterion for appointment, reappointment and promotion for Clinician Educators is excellence in the overall mix of clinical care and clinical teaching appropriate to the programmatic need the individual is expected to fulfill. Successful applicants will be encouraged to interact with the wide range of clinical, translational and basic science programs offered at Stanford.

Responsibilities will include care of general and subspecialty neurology patients in both outpatient and inpatient settings. These faculty will work in our clinics at Lucile Packard Children's Hospital at Stanford as well as Stanford Children's Health outreach sites in the San Francisco Bay Area. Fellowship training in a neurology subspecialty such as neuro-genetics, epilepsy, neuro-immunology, stroke, neonatal neurology, or headache, is desirable, but strength and interest in general child neurology is also sought. Necessary qualifications include ABPN certification or eligibility, eligibility for a California medical license, and suitable clinical and teaching experience. For qualified candidates, opportunities are available to participate in clinical research, quality programs and development of innovative care programs. Applicant materials should include a *curriculum vitae*, cover letter, and names of three references to:

**Paul Graham Fisher, M.D., Search Committee Chair
c/o Ana Paula Mendonca
Department of Neurology and Neurological Sciences
Stanford University School of Medicine
300 Pasteur Drive, R295
Stanford, CA 94305-5327**

Please send an electronic copy of applicant materials to pfisher@stanford.edu

Review of applications will begin immediately and continue until these positions are filled.

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women, members of minority groups, protected veterans and individuals with disabilities, as well as others who would bring additional dimensions to the university's research, teaching and clinical missions.

CNS PERSONNEL REGISTRY COLORADO

GENERAL CHILD NEUROLOGY, HEADACHE MEDICINE & NEUROHOSPITALIST OPPORTUNITIES

The Division of Child Neurology at the University of Colorado School Of Medicine and Children's Hospital of Colorado, is pleased to inform you of our national search for general Child Neurology candidates for our Colorado Springs practice site as well as for general Child Neurology candidates, and those with special interest in Headache Medicine, at our main campus located in Aurora and South Campus located in Highlands Ranch.

General Child Neurology Colorado Springs

- Established and rapidly growing program serving the children of southern Colorado and northern New Mexico. Primary focus on clinical care with academic affiliation and opportunities for medical student teaching.
- As part of long-term commitment to providing pediatric care to the Colorado Springs community, Childrens Hospital Colorado broke ground in the Fall of 2016 on the building of a new childrens hospital in north Colorado Springs.
- The 280,000 square-foot facility, will include an emergency department, up to 100 inpatient pediatric beds, NICU, pediatric intensive care unit, sleep study and epilepsy monitoring unit and operating rooms.
- Opportunity to see a wide variety of patients and clinical disorders with particular subspecialty interests needed in Neuromuscular, Epilepsy, and Headache.

Headache Medicine Main Campus

- Multidisciplinary headache program including outpatient and inpatient care of children with headache and other neurological disorders.
- Fellowship and/or other specialty training/ experience and board certification/eligibility in Headache Medicine and expertise in

administration of nerve blocks and botox for therapeutic treatment of headache are highly desired.

Neurohospitalist Main Campus

- Opportunity to join a dedicated team of physicians and advanced practice providers focused on inpatient care of children with a broad array of neurological disorders.

General Child Neurology (2 positions) Main Campus and South Campus

- Responsibilities include primarily outpatient care of children with a broad array of neurological disorders.

For all positions, opportunities are available for clinical program development, education of students, residents and fellows, as well as research, depending on interests of the candidate.

For more information on these positions please contact
Marcel Barbey at 682/223-5779 or
marcel@millicansolutions.com.

All initial conversations will be held in the strictest of confidence for the protection of each candidate and his or her current endeavors.

CHILD NEUROLOGIST – DENVER COLORADO

AMAZING TOGETHER

HCA has become the largest system of providers for pediatric services in the US. We offer physicians the opportunity to be an integral part of a larger pediatric physician network not only in their home market but nationally. We are searching for Pediatric Neurologists for the excellent positions listed below and would love the chance to explore if we may have a fit for you. Email or call (information to follow) to discuss advantages at the fingertips of our physicians: a chance to impact their communities, shape their futures, practice autonomy and finally, the opportunity to have a voice. Above all else, we are committed to the quality care of human life. HCA is keenly focused on becoming the safest, most efficient, effective and quality driven healthcare system for children to receive care)

Rocky Mountain Hospital for Children (DENVER)

- Join two busy partners in a fabulous busy practice in beautiful Denver, Colorado

Brandon Regional Hospital Pediatric Neurology Associates, Tampa, Florida

Practice currently consists of 4 B/C Pediatric Neurologists, new physician will open satellite office in Brandon

- Women's Hospital of Texas, Houston, Texas
- 501-a position, ideal candidate would have interest in general outpatient neurology work. (Shared Call)
- Overland Park Regional Medical Center (Overland Park, Kansas)

Team of Pediatric Subspecialists/employed by HCA vendor Mednax

Contact:

Kathleen Kyer
Kathleen.Kyer@HCAHealthcare.com
937/235-5890

Not interested in any of the current opportunities? Check in for other areas that may have positions available in the near future!

CNS PERSONNEL REGISTRY CONNECTICUT

YALE-PEDIATRIC GENERAL NEUROLOGIST

THE DEPARTMENT OF PEDIATRICS SECTION OF PEDIATRIC NEUROLOGY AT YALE UNIVERSITY SCHOOL OF MEDICINE

Is seeking an outstanding PEDIATRIC NEUROLOGIST to join an expanding program in the Section of Pediatric Neurology. The pediatric neurologist will develop a clinical and research program in metabolic disease, neurogenetics, or other subspecialty. The Section of Pediatric Neurology has 12 faculty members with leading programs and multidisciplinary clinics. The Pediatric Neurology service has repeatedly been ranked by *US News and World Report*.

The full-time academic appointment will be at the Assistant Professor, Associate Professor, or Professor level in the Yale School of Medicine, depending on the applicant's qualifications. Requirements include an MD, DO, or foreign equivalent degree; eligibility for medical licensure in the State of Connecticut; and board eligibility or certification by the American Board of Psychiatry and Neurology in Neurology with Special Qualification in Child Neurology. A generous benefits package includes tuition remission for

qualified dependents. In order to be eligible for university sponsorship for an H1B visa, graduates of foreign (non-US.) medical schools must show successful completion of all three steps of the US Medical Licensing Exam (USMLE), or equivalent as determined by the Secretary of Health and Human Services.

Yale University is an equal opportunity, affirmative action employer. Women, minorities, persons with disabilities and protected veterans are encouraged to apply. The position will remain open until filled.

CONTACT: Applicants should send a letter of interest, a list of references, and their curriculum vitae to: Nigel S. Bamford, MD, Section Chief of Pediatric Neurology, Department of Pediatrics, PO Box 208064, New Haven CT 06520-8064 or via email: nigel.bamford@yale.edu.

YALE-PEDIATRIC SENIOR EPILEPTOLOGIST

THE DEPARTMENT OF PEDIATRICS SECTION OF PEDIATRIC NEUROLOGY AT YALE UNIVERSITY SCHOOL OF MEDICINE

Is seeking an outstanding PEDIATRIC EPILEPTOLOGIST to direct its pediatric epilepsy program. The chief of pediatric epilepsy is expected to maintain a research program and will lead efforts to expand pediatric, neonatal, and ICU video/EEG monitoring; the ketogenic diet and VNS programs; and the epilepsy surgery program. He (she) will build new clinical and research programs in conjunction with Pediatric Neurology and with the level IV Yale Comprehensive Epilepsy Center, co-directed by Drs. Lawrence Hirsch (neurology) and Dennis Spencer (neurosurgery). Extensive infrastructure for research is provided. Outstanding recommendations and evidence of research productivity, clinical excellence, and leadership are required.

The chief of pediatric epilepsy will lead an existing team of 3 fellowship-trained and BC/BE pediatric epileptologists and will collaborate with 10+ adult epileptologists, 3 neuropsychologists (1 pediatric), and 2 epilepsy neurosurgeons. The pediatric epilepsy program has dedicated nursing, nutrition and social work support. The Section of Pediatric Neurology has 12 faculty members with leading programs and multidisciplinary clinics and has repeatedly been ranked by *US News and*

CONNECTICUT continued

World Report. The full-time academic appointment will be at the Associate Professor or Professor level in the Yale School of Medicine, depending on the applicant's qualifications. Requirements include an MD, DO, or foreign equivalent degree; eligibility for medical licensure in the State of Connecticut; and board eligibility or certification by the American Board of Psychiatry and Neurology in Neurology with Special Qualification in Child Neurology. The applicant should have completed subspecialty training in epilepsy and be certified in clinical neurophysiology (ABPN or ABCN or equivalent). A generous benefits package includes tuition remission for qualified dependents. In order to be eligible for university sponsorship for an H1B visa, graduates of foreign (non-US) medical schools must show successful completion of all three steps of the US Medical Licensing Exam (USMLE), or equivalent as determined by the Secretary of Health and Human Services.

Yale University is an equal opportunity, affirmative action employer. Women, minorities, persons with disabilities and protected veterans are encouraged to apply. The position will remain open until filled.

CONTACT: Applicants should send a letter of interest, a list of references, and their curriculum vitae to: Nigel S. Bamford, MD, Section Chief of Pediatric Neurology, Department of Pediatrics, PO Box 208064, New Haven CT 06520-8064 or via email: nigel.bamford@yale.edu.

YALE-PEDIATRIC PHYSICIAN-SCIENTISTS

THE DEPARTMENT OF PEDIATRICS
SECTION OF PEDIATRIC NEUROLOGY AT
YALE UNIVERSITY SCHOOL OF MEDICINE

Is seeking two outstanding pediatric neurologists to join an expanding program in the Section of Pediatric Neurology. The PHYSICIAN-SCIENTISTS will develop a clinical- or laboratory-based research program in developmental or applied neuroscience. In addition to their research activities, the physician-scientist is expected to spend 20-30% of their time engaged in clinical child neurology. The Section of Pediatric Neurology has 12 faculty members, 10 of whom participate

in clinical or basic science research. The Pediatric Neurology service supports leading programs and multidisciplinary clinics, has an outstanding record of high impact publications, and has been repeatedly ranked by *US News and World Report*.

The full-time academic appointment will be at the Assistant Professor, Associate Professor, or Professor level in the Yale School of Medicine, depending on the applicant's qualifications. Requirements include an MD, DO, or foreign equivalent degree; eligibility for medical licensure in the State of Connecticut; and board eligibility or certification by the American Board of Psychiatry and Neurology in Neurology with Special Qualification in Child Neurology. A generous benefits package includes tuition remission for qualified dependents. In order to be eligible for university sponsorship for an H1B visa, graduates of foreign (non-US) medical schools must show successful completion of all three steps of the US Medical Licensing Exam (USMLE), or equivalent as determined by the Secretary of Health and Human Services.

Yale University is an equal opportunity, affirmative action employer. Women, minorities, persons with disabilities and protected veterans are encouraged to apply. The position will remain open until filled.

CONTACT: Applicants should send a letter of interest, a list of references, and their curriculum vitae to: Nigel S. Bamford, MD, Section Chief of Pediatric Neurology, Department of Pediatrics, PO Box 208064, New Haven CT 06520-8064 or via email: nigel.bamford@yale.edu.

CNS PERSONNEL REGISTRY FLORIDA

PEDIATRIC NEUROLOGY

Joe DiMaggio Children's Hospital is seeking a Pediatric Neurologist to work in a newly opened Wellington, FL office. Physician should be BE/BC in neurology with special qualification in child neurology. Though not required, those with additional sub-specialty fellowship training in clinical neurophysiology, epilepsy, movement disorders or stroke are encouraged to apply. Inpatient coverage will be required in addition to a clinic schedule. Research initiatives will be fully

and actively supported through the Office of Human Research, though this is not a requirement of the position.

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

About Joe DiMaggio Children's Hospital

Joe DiMaggio Children's Hospital opened in 1992 and has grown to be the leading children's hospital in Broward and Palm Beach counties. With 232 beds, an 84-bed Level II and III NICU, 30-bed PICU and 12-bed intermediate care unit, Joe DiMaggio Children's Hospital combines leading-edge clinical excellence with a child- and family-friendly environment that emphasizes the Power of Play. Located in the heart of South Florida, a region whose quality of life attracts new residents from all over the country and around the world, Joe DiMaggio Children's Hospital offers a comprehensive range of healthcare services delivered with kindness, dedication and compassion.

About South Florida

South Florida offers a dynamic urban/suburban lifestyle with an abundance of cultural and recreational amenities, miles of beautiful beaches, top-rated golf courses, zoos and wildlife refuges, a vibrant arts community, museums and world-class dining. South Florida's high quality of life including year-round summer weather, exciting multiculturalism and no state income tax attracts new residents from all over the country and around the world.

To submit your CV for consideration, please visit memorialphysician.com. Additional information about Memorial Healthcare System can be found at mhs.net.

Contact:
Tracy Silva
Tracy.Silva@mhs.net

DEVELOPMENTAL & BEHAVIORAL PEDIATRICS

Pediatric Neurology with Developmental Interest or Developmental & Behavioral Pediatrics

Joe DiMaggio Children's Hospital is seeking a developmental and behavioral pediatrician or a pediatric neurologist with special interest in developmental pediatrics to join its team

of specialists. The ideal candidate will be either BE/BC after having completed a developmental and behavioral pediatrics fellowship or be BE/BC in pediatric neurology and have additional behavioral/developmental training and interest. Areas of expertise should include, but are not limited to, autism spectrum disorder, neurogenetic disorders, developmental delays, and related disorders.

Joe DiMaggio Children's Hospital employs an interdisciplinary team of subspecialists along with pediatric-trained psychologists, speech/language pathologists, occupational therapists, physical therapists, dietitians and social workers. Clinical research initiatives will be fully supported by the Office of Human Research.

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

About Joe DiMaggio Children's Hospital

Joe DiMaggio Children's Hospital opened in 1992 and has grown to be the leading children's hospital in Broward and Palm Beach counties. With 226 beds, a 84-bed Level II and III NICU, 30-bed PICU and 12-bed intermediate care unit, Joe DiMaggio Children's Hospital combines leading-edge clinical excellence with a child- and family-friendly environment that emphasizes the Power of Play. Located in the heart of South Florida, a region whose quality of life attracts new residents from all over the country and around the world, Joe DiMaggio Children's Hospital offers a comprehensive range of healthcare services – delivered with kindness, dedication and compassion.

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To submit your CV for consideration, please visit <http://www.memorialphysician.com/opportunities/employed-pediatric-detail.aspx?id=FY17-75>

Contact:
Tracy Silva
thsilva@mhs.net

PEDIATRIC NEUROLOGIST

Neuro Network Partners (NNP) is seeking a child neurologist for their private/academic practice. The practice has five locations located throughout the South Florida area. NNP has 20 pediatric neurologists, and 20 pediatric nurse practitioners/physician assistants. NNP is a proud affiliate of Nicklaus Children's Hospital formerly known as Miami Children's Hospital. All members of NNP are an integral part of the Department of Neurology at Nicklaus Children's Hospital and Miami Children's Health System. In addition, NNP is affiliated with Baptist Hospital, South Miami Hospital and Broward Health System. The candidate must be board certified or board eligible in neurology with special qualification in child neurology. This is a full-time clinical position that includes outpatient clinics, attending on the inpatient child neurology services and teaching responsibilities. The practice has multiple opportunities for subspecialty child neurology care, as well as research opportunities.

Please email CV and brief description of relevant experience, current interests and career goals to Roberto Tuchman, M.D. email: rtuchman@me.com

CHILD NEUROLOGY IN ST. PETERSBURG, FL: JOHNS HOPKINS ALL CHILDREN'S HOSPITAL

Johns Hopkins All Children's Hospital in St. Petersburg, Florida seeks several additional child neurologists due to the continued expansion of our program. This is an employed position with All Children's Specialty Physicians, a growing group practice that includes more than 200 physicians in over 30 specialties. In addition to recruiting for our main campus in St. Petersburg, we are also seeking a child neurologist for our new North Port, FL location. North Port is located just 45 minutes from both Fort Myers and Sarasota. Port Charlotte is less than 10 miles away.

As members of the Johns Hopkins All Children's Institute for Brain Protection Sciences, our pediatric neurologists also draw upon the expertise of specialists in neurosurgery, neuroimaging, neuro-oncology and neuropathology as needed. This new multidisciplinary institute unites clinicians, researchers and educators in a comprehensive program to promote optimal neurodevelopment early in life and provide state-of-the-art care for children with injuries or illness that can affect the brain.

Johns Hopkins All Children's Hospital is a free-standing 259-bed teaching hospital, ranked as a *US News & World Report* Best Children's Hospital in 6 pediatric specialties. As one of the world's leading health care systems, we stand at the forefront of discovery, leading innovative research to cure and prevent childhood diseases while training the next generation of pediatric experts.

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

The Tampa-St. Petersburg area offers year-round sunshine, abundant cultural and recreational activities, national sports venues, excellent schools and an affordable cost of living. We are centrally located to many of Florida's amenities, only minutes from beautiful gulf beaches, 90 minutes from Orlando and 4 hours from Miami.

To learn details, please contact:

Joe Bogan
President
Providence Healthcare Group
817/424-1010 (direct)
jbogan@provdoc.com

CHILD NEUROLOGIST – WALT DISNEY PAVILION AT FLORIDA HOSPITAL FOR CHILDREN

The Walt Disney Pavilion at Florida Hospital for Children is looking for two BE/BC child neurologists to join a fast growing multidisciplinary pediatric neuroscience program to help further develop general and subspecialty neuroscience programs.

FLORIDA continued

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

Responsibilities of the new physician will include establishing comprehensive general neurology service in both inpatient and outpatient settings; developing subspecialty programs (headache, neuromuscular, neonatal, neurocutaneous syndrome, movement disorder, and spasticity) is desirable, but not required.

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

Requirements of the position:

- Board eligible or certified for ABPN with child neurology.
- Strong leadership and communication skills.
- Strong interests in building multidisciplinary specialty clinic such as headache, neonatal neurology, neuromuscular, and neurocutaneous syndromes.

Practice Description

This is an employed opportunity through Florida Hospital Medical Group (FHM). FHM is a 500+ physician, multi-specialty organization that offers a highly competitive salary and benefits package that includes occurrence-based malpractice coverage, health insurance, relocation expenses, paid leave days, a generous 403b retirement plan, CME days and a CME allowance. FHM is a

sister organization of Florida Hospital. This aligned model and practice management experience provides the opportunity for the physicians to focus on the clinical aspects of medicine.

Hospital Description

Our Walt Disney Pavilion at Florida Hospital for Children is a full service, tertiary children's hospital with over 200 dedicated pediatric beds, including a 22 bed PICU, 10 bed Cardiac ICU, an 81 bed NICU, 17 bed pediatric emergency department and statewide pediatric network and transport system. We started our comprehensive pediatric open heart program in 2012 and have a strong track record of positive outcomes. Our unparalleled network consists of 24 hospitals across the state with one children's hospital at the center, a level IV destination Epilepsy Program, and several extremely successful pediatric subspecialty programs. Our busy neonatal unit with over 1100 admissions a year offers an excellent opportunity to establish a comprehensive neonatal neurology program and will have a dedicated neonatal neuro intensive care unit within the newly built neonatal intensive care unit.

Location Description

Our outpatient practice is located on the campus of Florida Hospital for Children, conveniently close to many gorgeous homes, downtown urban living, shopping and great schools. As the most visited American city in 2014, Orlando has world-class attractions including Universal Studios, Walt Disney World and numerous beaches. Orlando is home to major league soccer (Orlando City Lions), NBA basketball (Orlando Magic) as well as University of Central Florida sports. The city also has many public and private universities and colleges. The newly built Dr. Phillips Center for Performing Arts hosts variety of musical and theatrical performances throughout the year.

Please contact Jason Junker,
Director of Physician Recruitment at
407/200-2538 for more information.

CHILD NEUROLOGIST

Immediate opening for BC/BE child neurologist. Join a well established (20 years) private practice group that covers Palm Beach and neighboring counties. 3 MD/ 2 ARNP's. 3 office locations.

Excellent referral base. Would cover mostly outpatient clinics. Academic, research and teaching opportunities available. Highly competitive benefit, vacation and compensation package. Will assist with relocation expenses. No state tax. Palm Beach and the Treasure Coast have "A" rated schools, beautiful beaches and plenty of activities for families.

Contact:
Rosa Liu
Rleighliu@gmail.com

PEDIATRIC NEUROLOGIST, EPILEPTOLOGIST

The Nemours Children's Subspecialty Clinic in Jacksonville, Florida, is seeking a 5th BC/BE Pediatric Neurologist specializing in Epilepsy Surgery to join an established NAEC Level 4 pediatric epilepsy surgery center. The program has an epilepsy surgery-trained neurosurgeon; 2 neuropsychologists; neuroradiologist; neurovascular neurosurgeons; ability to perform PET, fMRI and Wada testing; and a fully equipped pediatric EEG lab. There are regular adult and pediatric epilepsy surgery conferences with University of Florida-Jacksonville and within the epilepsy division of the Mayo Clinic.

We have an ACGME-accredited Mayo Clinic Florida Child Neurology residency training program with a full trainee complement. Additionally, we train Mayo Clinic adult neurology and neurosurgery and University of Florida-Jacksonville pediatric residents at the adjacent *US News & World* top-ranked Neuroscience Institute at Wolfson Children's Hospital. Nemours Neurology faculty are appointed to Mayo Clinic with academic rank commensurate with Mayo Clinic School of Medicine academic criteria. There are opportunities for epilepsy collaboration with Nemours campuses in Delaware and Orlando. Besides epilepsy, there are established neurology programs in sleep, neuromuscular, neurovascular, neuro-oncology and spasticity management, as well as excellent UF multi-disciplinary neurosurgical expertise.

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.

For confidential consideration, please forward your formal CV to:
Raj D. Sheth, MD

**Chief, Division of Neurology
Nemours Children's Specialty Care,
Jacksonville
rsheth@nemours.org**

As one of the nation's leading pediatric health care systems, Nemours is committed to providing all children with their best chance to grow up healthy. We offer integrated, family-centered care to more than 280,000 children each year in our pediatric hospitals, specialty clinics and primary care practices in Delaware, Florida, Maryland, New Jersey and Pennsylvania. Nemours strives to ensure a healthier tomorrow for all children even those who may never enter our doors through our world-changing research, education and advocacy efforts. At Nemours, our Associates help us deliver on the promise we make to every family we have the privilege of serving: to treat their child as if they were our own.

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

For more information, please visit <http://careers.nemours.org/jobs/137439/>

Apply Here: http://careers.nemours.org/jobs/Pediatric_Neurologist_Epileptologist/BC/_BE_in_Neurology/Jacksonville_Florida/101/137439/?rmo_src=jt

CNS PERSONNEL REGISTRY ILLINOIS

PEDIATRIC NEUROLOGY OPPORTUNITY IN URBANA, IL

Carle Physician Group in Urbana, Illinois, is seeking an additional full-time BE/BC Pediatric Neurologist to join an established department.

Practice Opportunity Details Include:

- 100% child neurology practice
- Call consists of only Pediatric Neurology
- Established sleep program
- EEG services at the hospital; onsite MRI and CAT scanning equipment

- More than 20 physicians in the Pediatric department
- Pediatric subspecialists include Critical Care, Surgery, Cardiology, Pulmonology, Gastroenterology, and Developmental-Behavioral
- Three Pediatric Psychologists on staff, two Neurosurgeons (one is a BC Pediatric Neurosurgeon), a Neuro-ophthalmologist, six adult Neurologists, and two Neuropsychologists on staff
- 24-hour telephone nurse advisory system in place to help ease demands of call

With 400+ physicians and 300 advanced practice providers, comprising 80 specialties/subspecialties, and a service area of 1.5 million residents. Carle Physician Group is locally owned and physician led. Our physician group is part of a not-for-profit integrated network of healthcare services that also includes Carle Foundation Hospital; a quality focused and nationally ranked 393-bed regional hospital that is a designated Primary Stroke Center, Level I Trauma Center, and offers Level III Perinatal services.

Globally connected, innovative and culturally rich, Champaign-Urbana is centrally located to Chicago, Indianapolis and St. Louis and is home to one of the world's great public research universities the Big Ten University of Illinois. With ease of transportation, excellent schools and affordable housing options, our community features the friendliness and advantages of a smaller town while offering the dining, arts, sports, and entertainment options found in a much larger city.

Contact:

Carson Alexander
carson.alexander@carle.com

PEDIATRIC NEUROLOGIST – SOUTH CHICAGO

Advocate Children's Medical Group seeks BC/BE Pediatric Neurologist to join our growing, established practice at Advocate Children's Hospital- Oak Lawn Campus, located just south of Chicago.

Our ideal candidate has experience, an enthusiastic approach to providing care for children in busy clinical setting, demonstrates sharply honed interpersonal skills to work in concert with a well-established group, desire

to act autonomously in the absence of peers, embraces a culture that places both patient and family in the highest regard while willing to quickly address a large patient population. Desire to teach residents, students, nurses and fellows is encouraged. Our community has enormous demand and diverse pathology with a large draw of complex patients.

This is a full time clinical based position requiring a BC/BE Pediatric Neurology physician to provide coverage of ACH pediatric patients aged 0-18 in a collaborative work environment, participate in inpatient consult service on the medical floors of ACH-Oak Lawn and lead outpatient clinics at 1-2 locations. The provider will interpret EEGs and assist in supervision and teaching of pediatric residents. In-patient rounding and call coverage required in conjunction with other area physicians where applicable. Opportunities for research and professional growth exist.

General pediatric neurology clinics will be arranged 34-36 clinical hours per week, dependent upon availability. May be asked to assist in providing cross coverage when other attendings are out of office. Available to see inpatient follow-ups and new consults. Rotation of call 1-2 weeks per month. The physician will be responsible for their own clinical patient coverage and after hours coverage for their patients. On-call coverage and consultation services to be determined based on the hospital scheduling and needs. Coverage for physicians on vacation or sick leave.

Applicant should be an MD or DO, BE / BC by the American Board of Psychiatry and Neurology as a neurologist with special qualifications in child neurology. Consider joining our team committed to providing evidence based, compassionate care.

Compensation and comprehensive benefits are through AMG, a multi-specialty group with 1,300+ physicians and affiliated with the Advocate Health Care system, the largest provider of healthcare in Illinois. Advocate Children's Hospital serves as a major referral center and is the largest network provider of pediatric services in Illinois and among the top 10 in the nation.

**Interested candidates please send detailed cover letter and CV to:
Nancy Mathieu (Nancy.mathieu@advocatehealth.com)**

CNS PERSONNEL REGISTRY
IOWA

BC/BE PEDIATRIC NEUROLOGIST

The Mercy Children's Hospital & Clinics is seeking a BC/BE Pediatric Neurologist to join an existing community based practice that has tremendous upside potential. Candidates with a Fellowship in Epilepsy are strongly preferred. This opportunity offers competitive compensation including sign-on bonus, 401k match, and paid malpractice.

Practice Details

- 1 physician & 1 APC
- 5-8 inpatients per week
- Equitable call
- Outpatient practice located on main campus of Mercy
- XLTEK equipment with 24/7 monitoring
- SSEP
- EMG
- MEPs
- Cranial Nerve
- EEG

Meracy Children's Hospital & Clinics

- Level-III 40-bed NICU
- 9-bed unit PICU
- Central Iowa's only Pediatric CV Surgery Program
- Pediatric Emergency room with 12 beds & 3 trauma beds
- 22-bed Med/Surg. Unit
- Newly renovated 16-bed Pediatric Psychiatry Unit
- Access to Pediatric Subspecialists
- 7 Pediatric Sites throughout central Iowa

Des Moines

- #1 Best State to Practice Medicine in *U.S. WalletHub*
- Best City for Families *Kiplinger*
- Top 10 Best Places to Live *US News*
- Voted as the Safest City in America Gallup
- Best City for Young Professionals *Forbes*
- Leading place for Business and Careers *Forbes*
- Wealthiest City in America *The Today Show*

www.seizedesmoines.com
www.seedesmoines.com

For details contact:

Roger McMahon,
Physician Employment Services
1111 6th Avenue, Des Moines, IA 50314
Phone: 515/643-8323
rmcmahon@mercydesmoines.org
www.mercydesmoines.org

CNS PERSONNEL REGISTRY
KENTUCKY

CHILD NEUROLOGIST

Seeking Child Neurology Faculty University of Kentucky Lexington, Kentucky

The University of Kentucky Department of Neurology is seeking BE/BC neurologists for Assistant, Associate, and Professor level appointments with clinical and/or research interests in Child Neurology to join our faculty.

UK faculty receive excellent salary and benefits as well as an opportunity to experience a rewarding work-life balance in the beautiful bluegrass region of Kentucky, with Lexington recently ranked as one of the safest, most creative, and brainiest" cities in the nation. Interested and qualified candidates should submit a letter of interest, current CV, and the names/contact information for 3 references to:

Larry B. Goldstein, MD, Chairman
UK Neurology
740 S. Limestone L445
Lexington, KY 40536-0284
ukneuroscience@uky.edu

Upon offer of employment, successful applicants must pass a pre-employment drug screen and undergo a national background check as required by the University of Kentucky Human Resources.

The University of Kentucky is an equal opportunity employer and encourages applications from minorities and women.

PEDIATRIC NEUROMUSCLE SPECIALIST

University of Louisville/Norton Children's Hospital seeks a trained Pediatric Neuromuscle Specialist, (term/tenure) rank based on experience, to expand our growing Child Neurology Program. This physician will be Director of the only pediatric MDA Care Center in the state of Kentucky and will be responsible for further developing the Neuromuscle program at U of L Child Neurology. Other 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 eleven Child Neurologists, with plans to hire three additional Child Neurologists over the next two years. Thirteen inpatient

and outpatient Child Neurology Nurse Practitioners support the division, including four 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 Neuromuscular Clinic.

Contact:
Vinay Puri
v0puri01@louisville.edu

CNS PERSONNEL REGISTRY
MARYLAND

MID-ATLANTIC PEDIATRIC NEUROLOGY OPENING 150222

Nationally recognized health system in Mid-Atlantic Metro Region

Pediatric Neurology

- Opportunity to work with group of Pediatric Neurologists
- Childrens Hospital on campus
- Practice 100% Pediatric Neurology. Department has growing Pediatric Epilepsy Program
- Position offers opportunities for collaboration with colleagues in the Department of Neurology Brain and Spine Program
- Teaching opportunity available as part of the practice with one of the strongest Pediatric Residency Program in the country
- Large Number of Pediatric Subspecialties employed at the Childrens Hospital
- Excellent starting salary plus RVU bonus plus full benefit package including paid malpractice

The state's largest city and economic hub features a beautiful harbor and distinct neighborhoods

- Family-friendly community with top-notch school systems
- Variety of museums including the Museum of Art and the Museum of Industry
- Home to professional football and baseball teams
- Vibrant social scene with dining and nightlife, lively downtown with world-class restaurants and excellent entertainment

Rob Rector
800-492-7771
Direct: 404/591-4218
rrectorweb@phg.com
F: 404/591-4269
Cell/Text: 678/234-6192

MENTION CODE 150222 – CHN

Minimum Requirements:

- MD or DO Medical Degree
- Eligible to be state licensed in the United States
- United States Residency and/or Fellowship training

**UNIVERSITY OF MARYLAND
SCHOOL OF MEDICINE, DEPARTMENT
OF PEDIATRICS, DIVISION OF
PEDIATRIC NEUROLOGY**

The University of Maryland School of Medicine, Department of Pediatrics, Division of Pediatric Neurology, in a combined effort with the Department of Neurology, is seeking Assistant or Associate Professor level candidates to join our expanding Program. In addition to clinical skills and board eligibility or certification in Child Neurology, competitive candidates should have an interest in academic pursuits. Specifically, we are looking for fellowship-trained Pediatric Epilepsy specialists with interest in both outpatient and inpatient clinical care and expanding our surgical epilepsy program. The University of Maryland Children's Hospital has the only pediatric-dedicated continuous Epilepsy Monitoring Unit in Maryland, and identifying suitable candidates with additional training in Epilepsy is a major priority of this recruitment effort. Pediatric Neurologists with other areas of interest or additional training will also be considered. Subspecialty expertise within the Division includes Neuro-Oncology and a renowned Children's Headache Program, and our Program is supported by our Pediatric Neurosurgeon, as well as superb neuro-imaging facilities and faculty. All Pediatric Subspecialties are represented at our Children's Hospital. We have a new 19 bed PICU and a new 52 bed Level IV NICU, with pediatric ECMO available on-site. Our Cardiology and Cardiac Surgery Programs are growing, and we have an active Bone Marrow Transplant Program. We have a strong Division of Human Genetics with ongoing whole genome sequencing. Our Division of Behavioral and Developmental Pediatrics is also expanding,

which will offer additional opportunities for collaboration. Neuroscience research has a large portfolio at the School of Medicine with an established Program in Neuroscience, access to graduate students, and a Division of Pediatric Brain Research within the department. Collaboration with our colleagues in the Department of Neurology, under the leadership of its new Chairman, Dr. Peter Crino, and especially with the Epilepsy Program, will enhance the academic, teaching, and research opportunities already present at our institution.

The Department of Pediatrics, the second largest clinical department in the School of Medicine, consists of 23 Pediatric subspecialties, with over 120 faculty members. We are a major children's healthcare facility in the community, region, and State, and are actively expanding our clinical, research, and teaching efforts. Located on the modern and urban campus of the University of Maryland at Baltimore, the School of Medicine is one of seven professional schools. The campus is within walking distance to the Baltimore Inner Harbor, National Aquarium, Baltimore Convention Center, Hippodrome Theatre, Oriole Park at Camden Yards, and Baltimore Ravens M&T Bank Stadium. Close to historic Annapolis Maryland, the Chesapeake Bay, Washington DC, and many residential communities with private and public schools, the campus offers easy access to all major highways and BWI airport. Additionally, the area offers an excellent quality of life with immense cultural and recreational opportunities. We offer an excellent benefits package, including relocation reimbursement. The University of Maryland School of Medicine is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply.

Interested candidates should email Dr. Steven J. Czinn (sczinn@peds.umaryland.edu) and refer to Position Code: 03-314-409 or 03-314-410.

**CNS PERSONNEL REGISTRY
MICHIGAN**

**GREAT LAKES STATE PEDIATRIC
NEUROLOGY OPPORTUNITY**

Bronson Children's Hospital and Bronson Neuroscience Center are seeking a board certified/board eligible Pediatric Neurologist

to join our comprehensive neuroscience program. Bronson is the only children's hospital in southwest Michigan and provides care to southwest Michigan and northern Indiana. Bronson Children's Hospital in Kalamazoo has all private beds including 36 general pediatric beds, 8 bed PICU, and a 50 bed NICU with regional NICU and pediatrics/PICU ground and air transport teams. A broad range of pediatric subspecialists provide consultative services to Bronson Children's Hospital.

Bronson Neuroscience Center provides the primary pediatric neurology care in the region. The outpatient clinic is supported by advanced practice providers, nurses and medical assistants. The scope of outpatient consultative care includes epilepsy, cerebral palsy, headache, neurodevelopmental disorders, movement disorders, and stroke. Bronson has pediatric occupational therapy, physical therapy and speech therapy available for both inpatient and outpatient settings.

In addition to pediatric neurology, the Bronson Neuroscience Center offers a breadth of sub-specialty services including neurovascular, neurocritical care, neurointerventional, epilepsy, neuromuscular, pediatric neurosurgery, neurosurgery, and physiatry. Bronson has advanced capabilities in neurological care as a Joint Commission-certified Primary Stroke Center; in obstetrics as the leading BirthPlace and only high-risk pregnancy center in southwest Michigan; and inn critical care as a Level I Trauma Center. Bronson is the regions #1 choice for tertiary comprehensive neuroscience care.

Bronson is affiliated with Western Michigan University, Homer Stryker School of Medicine in Kalamazoo with faculty appointment opportunities. The Bronson Children's Hospital supports ACGME fully accredited pediatric, medicine/pediatrics, and emergency medicine residency programs.

This is a hospital employed position which has a provider driven leadership model. Bronson offers a competitive salary, sign-on bonus/stipend, productivity bonus as well as a comprehensive benefit package.

Contact:
Chris Cook
cookc@bronsonhg.org
www.bronsonhealth.com

CNS PERSONNEL REGISTRY
MINNESOTA

**PEDIATRIC NEUROLOGY
OPPORTUNITY IN MN LAKES COUNTRY**

PRACTICE SPECIFICS

We are seeking 1 additional Pediatric Neurologist to join our existing team. We currently have 1 Pediatric Neurologist (Dr. Richard Kanoff, practicing for 21 years), along with 2 general pediatric neurology – nurse practitioners, 1 child psychiatry – nurse practitioner, and 1 child neuropsychologist.

- Our ideal candidate would have a good work ethic and a love of general pediatric neurology. An interest in neuromuscular disease would be a plus.
- Children's Hospital at Saint Mary's Medical Center includes the regions only Pediatric Intensive Care unit, Newborn Intensive care unit (level1), and the Eric Peter Person Children's Cancer center. Essentia also boasts the regions only Pediatric inpatient rehab unit (CARF accredited).
- Neurology services and support include: EEG, Video EEG, Ambulatory EEG, Vagus nerve stimulator program, EMG, MRI with compatible movie goggles, child life serves, and more.
- Multispecialty clinics include: MDA, Myelomeningocele, Neuro-Oncology, Neuro-musculo-skeletal, Autism
- Essentia Health St. Mary's Medical Center is a 336-bed regional tertiary hospital. Inpatient rehab unit at Essentia Health Miller Dwan is a 150-bed hospital. This includes a Neuroscience unit at Essentia Health's St. Mary's Medical Center including a Neuro Trauma unit and Neuro step down unit along with general beds.
- Anticipated work schedule: 8 AM-5 PM
- Call coverage equally shared

REQUIREMENTS

BC/BE in Pediatric Neurology

LOCATION

Duluth population: 86,000; Regional service area: 460,000

EOE/M/F/Vet/Disabled

Contact:

Becky Tretter
becky.tretter@essentiahealth.org

CNS PERSONNEL REGISTRY
MISSOURI

**PEDIATRIC NEUROLOGY
OPPORTUNITY – TOP 100 INTEGRATED
HEALTHCARE SYSTEM**

CoxHealth, a Top 100 Integrated Healthcare System, in Springfield, Missouri, is seeking a BE/BC Pediatric Neurologist with general neurology interests. This established practice includes outpatient clinic, EEG readings and consultative hospital services at one hospital, Cox South. The outpatient clinic is connected to the hospital.

Cox South Hospital (a 644-bed hospital, level 1 trauma center) is a highly developed regional referral center. The hospital includes a level III NICU, 4-6 bed PICU, and pediatric floor covered by neonatologists, pediatric critical care intensivists, and pediatric hospitalists respectively. Pediatric sub-specialty care includes: cardiology, endocrinology, general surgery, orthopedic surgery, sleep medicine and urology.

This physician would have a collegial relationship with CoxHealth's nationally recognized Neuroscience Program. The neuroscience team at CoxHealth offers state-of-the-art care for patients with brain and spine diseases, disorders and injuries; adult neurologists subspecialize in neuromuscular diseases, epilepsy, sleep, and vascular neurology.

The position offers:

- Excellent compensation
- Comprehensive benefits program
- Sign on bonus
- Professional liability insurance
- CME allowance

Springfield, Missouri is consistently rated as one of the Top Quality of Life Communities in the Nation by *Money Magazine*. Located in the southwest portion of the state, Springfield is the third largest city (metro population 450,000) and offers diversity in the arts, a wide variety of outdoor activities and numerous sporting events. Check out this you tube video highlighting the city: <https://www.youtube.com/embed/1xnoFf0JO9g?rel=0&hd=1>

Contact:

Lori Matthews
lori.matthews@coxhealth.com

Feel free to contact me if you are interested in pursuing this opportunity. You can reach me at 417/893-8952 or 800/869-4201.

CHILD NEUROLOGIST

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

Our division is committed to clinical excellence, education, and research and is continuing to grow. Children's Mercy has very competitive salaries and benefits, with excellent physician support and high job satisfaction. We provide opportunities for faculty career development including support for academics and research. We are a growing Level IV comprehensive pediatric epilepsy and surgery program. Our program includes 7 pediatric epileptologists, 4 pediatric neurosurgeons, large ketogenic diet and VNS programs, and an 8 bed pediatric epilepsy monitoring unit. We have a comprehensive headache section with multidisciplinary treatment approaches including acupuncture and massage therapy. Our program boasts a Tourette Association Center of Excellence, one of nine in the nation. We also have a growing spasticity and movement disorder program, as well as a very successful pediatric Deep Brain Stimulation program. We have a number of subspecialty clinics and research collaborations with our Pediatric Genomic Medicine and Personalized Medicine Centers. We are developing additional new programs, e.g., neonatal neurology, pediatric stroke, and neurocritical care with strong institutional support.

Children's Mercy has a large primary pediatric residency with over twenty fellowship programs including a Child Neurology residency (2 per year) and a Clinical Neurophysiology fellowship. We are also the pediatric training site for the University of Kansas Medical Center neurology residency. This position will offer a primary academic appointment at the University of Missouri – Kansas City and the option of a secondary appointment at the University of Kansas Medical School.

Children's Mercy is one of the country's premiere free-standing pediatric clinical, academic and research medical centers with more than 40 pediatric subspecialty clinics, 317 beds, and the region's only Level 1 pediatric trauma center. We have a number of satellites including Children's Mercy Kansas, with outpatient clinics, an Emergency Room and 60

inpatient beds. With over 300 faculty members in our divisions, sections, and centers of excellence, our Department of Pediatrics is one of the largest and most comprehensive in the country. Our hospital has over 14,000 inpatient admissions and 400,000 outpatient visits per year. It is a Magnet(tm) recognized pediatric health system for excellence in nursing services. It provides a strong commitment to basic & clinical research with dedicated personnel to assist and oversee grant efforts in a dedicated Clinical Research Unit. Our Pediatric Pharmacology clinical & research program is one of the nation's largest and collaborates closely with all divisions. EOE/M/F/Disabled/VET

The Kansas City metropolitan area is a bi-state community with over 2 million residents. The city is cosmopolitan with one of the lowest costs of living of all major US cities. Its small-town friendliness is accompanied by excellent dining, entertainment, incredible jazz, professional sports, and museums. Kansas City offers excellent opportunities for K-12 education

in both public and private school venues; two Kansas City area suburban schools are listed among the Best Schools in the Nation. It is home to several colleges and universities. This all combines to make Kansas City a wonderful place to live and pursue a career.

Steven M. Shapiro MD, MSHA –
Division Chief

Ahmed T. Abdelmoity, MD, FAAP –
Associate Division Chief

**Mary Kinart, Physician Recruiter
Medical Administration & Physician
Recruitment
866/CMH-IN-KC or 866/264-4652**

**Qualified candidate should submit their
CV to physicianjobs@cmh.edu**

CNS PERSONNEL REGISTRY
NEBRASKA

SEE AD BELOW.

CNS PERSONNEL REGISTRY
NEW JERSEY

**CHIEF OF PEDIATRIC NEUROLOGY
OPPORTUNITY IN NEW JERSEY**

Hackensack Meridian Health has an immediate opening for a Chief of Pediatric Neurology to join the multidisciplinary team at K. Hovnanian Children's Hospital at Jersey Shore University Medical Center in Neptune, New Jersey. This is an employed position, joining an existing group of Pediatric subspecialists.

The successful candidate will be a Board Certified Pediatric Neurologist. Additional Fellowship training is a plus, but not required. This is an exceptional opportunity to join a collegial group in a supportive environment and work with great colleagues and residents.

Highlights Include:

- Mentor and Support Neurology Faculty and Staff
- Oversee Business Aspects, Including, Productivity and Patient Satisfaction

WE ARE GROWING & TRANSFORMING

**Division Chief – Pediatric Neurology
Additional Faculty Positions: Pediatric Neurology, Pediatric Epilepsy**

Children's Hospital & Medical Center, in affiliation with University of Nebraska College of Medicine, is recruiting a Division Chief of Pediatric Neurology. This leader will develop and implement Children's clinical, educational, academic, research and advocacy goals for Pediatric Neurology. The successful candidate will be board-certified in Pediatric Neurology; possess excellent verbal, written and interpersonal communication skills; strong emotional and social intelligence, and the ability to connect with others in a meaningful way at all levels of the organization and university. The candidate also will have administrative, academic and clinical practice management experience within a complex, pediatric tertiary care center.

Children's is seeking to significantly increase its number of faculty to develop an epilepsy program, as well as other subspecialty interests, in Pediatric Neurology. All individuals will hold faculty appointments at University of Nebraska College of Medicine. Children's also collaborates with Boys Town National Research Hospital to provide pediatric neurological care to the community. The additional faculty will complement the current physicians at Children's and Boys Town National Research Hospital. This provides additional opportunity for involvement in clinical research, clinical trials, as well as basic and translational research.

About Children's Hospital & Medical Center
Located in Omaha, Nebraska, Children's serves as Nebraska's only full-service pediatric specialty health care center. Our free-standing pediatric teaching hospital has a Level IV regional NICU, Level II Pediatric Trauma Center, specialized clinical pediatric services and 24/7 pediatric intensivists. Children's is embarking on a journey of transformational programmatic and physical growth. Our new campus expansion will add 100 additional beds to the existing 145, as well as expand several key departments.

Applications (including cover letter and CV/resume) should be emailed to Geryln Azizkhan, Physician/Faculty Acquisition Administrator, gozizkhan@childrensomaha.org, 402.955.6585 or 402.979.3103. All replies will be treated with confidentiality.

UNMC FACULTY PHYSICIANS OF THE UNIVERSITY OF NEBRASKA COLLEGE OF MEDICINE
BOYS TOWN National Research Hospital

NEW JERSEY continued

- Develop New Services and Outreach Services
- Oversee Access and Quality of Care
- Assist in Developing the Academic and Research Productivity of the Section

Hackensack Meridian Health offers competitive compensation, relocation assistance, a robust benefits package, 403B savings plan, medical malpractice insurance, and is centrally located between New York City and Philadelphia on the New Jersey coast.

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

For more information or to submit your CV, contact Carol Petite, Physician Recruiter at Carol.Petite@hackensackmeridian.org or call 732/751-3569

CNS PERSONNEL REGISTRY NEW YORK

CHILD NEUROLOGIST

The Infants & Children's Hospital of Maimonides Medical Center in Brooklyn, NY seeks a BC/BE child neurologist for its growing division in the only approved children's hospital in Brooklyn, NY. Prefer training in epilepsy but general child neurology candidates will be strongly considered. Responsibilities include in-patient and out-patient clinical services and teaching of pediatric residents. Two bed pediatric EMU available. Clinical research encouraged. Faculty appointment at the appropriate level at the Albert Einstein School of Medicine. Strongly competitive salary and benefits. Call is shared with full and part time faculty. Interested applicants should send a c.v. and 3 references to (electronic submission preferred):

Gary N. McAbee, DO, JD
Division Chief, Professor and Head,
Center for Brain & Behavior
Maimonides Medical Center
941 48th Street

Brooklyn, NY 11219
Phone: 718/283-8669
gmcabee@maimonidesmed.org

Maimonides Medical Center is an employer dedicated to AA/EOE.

PEDIATRIC NEUROLOGIST – NEW YORK-PRESBYTERIAN/BROOKLYN METHODIST HOSPITAL

New York-Presbyterian/Brooklyn Methodist Hospital is looking for Board Certified/Board Eligible Pediatric Neurologist to join our team in Park Slope, Brooklyn. This position involves both outpatient and inpatient work. Training in epilepsy is a plus.

New York-Presbyterian/ Brooklyn Methodist Hospital is a 651- bed academic institution, academically affiliated with Weill Cornell Medicine, caring for residents throughout Brooklyn and the surrounding areas. We conduct 5,500 deliveries per year, and we treat 42,000 inpatients as well as 500,000 outpatients annually. Our hospital boasts a Level III NICU, a 6-bed PICU with 400 admissions annually, and a 15-bed pediatric floor with 2,000 admissions per year. Pediatric Neurologists have access to all pediatric subspecialists and work alongside advanced practice providers. Our academic programs include nine graduate medical education residency programs and six fellowship programs. We have a fully accredited ACGME Pediatric residency program comprised of 30 residents and several medical students from Weill Cornell Medicine.

Located in Park Slope, one of the most popular neighborhoods in Brooklyn, known for its excellent public schools, Prospect Park, the Brooklyn Botanical Gardens and trending restaurants and bars. The neighborhood attracts artists, professionals, singles and families, as well as visitors from all over NYC and around the world.

New York-Presbyterian Medical Group is part of the physician division of New York-Presbyterian, one of the nation's most comprehensive academic health care delivery systems. New York-Presbyterian is affiliated with two renowned medical schools, Columbia University College of Physicians and Surgeons and Weill Cornell Medicine. In collaboration with Columbia Doctors and Weill Cornell Physicians, New York-Presbyterian Medical Groups provide coordinated care delivery throughout the region and access to leading healthcare services and world-renowned specialists.

We offer a competitive salary and benefits package. Qualified candidates will be eligible to apply for a faculty appointment available at Weill Cornell College of Medicine of Cornell University.

Please send CV to:
Laura Screenev, FASPR, Director,
Physician Recruitment,
New York-Presbyterian,
LAS9150@nyp.org

New York-Presbyterian is an equal opportunity employer.

CNS PERSONNEL REGISTRY NORTH CAROLINA

CHILD NEUROLOGY FACULTY POSITION

The University of North Carolina at Chapel Hill Division of Pediatric Neurology is seeking BE/BC neurologists for Assistant, Associate, and Professor level appointments with clinical and/or research interests in Child Neurology to join our faculty.

Our division is committed to clinical excellence, education, and research and is continuing to grow. The University of North Carolina at Chapel Hill has very competitive salaries and benefits, with excellent physician support and high job satisfaction. We provide opportunities for faculty career development including support for academics and research. We have a comprehensive epilepsy level IV section with multidisciplinary treatment approaches including epilepsy surgery, VNS and ketogenic diet. Our program boasts several internationally acclaimed programs such as the Carolina Institute for Developmental Disabilities, TEACCH Autism Program, North Carolina Neuroscience Center, UNC Center for AIDS research, UNC Lineberger Comprehensive Cancer Center, among others. We also have a robust neurofibromatosis program and a growing SMA program, as well as a very successful pediatric epilepsy program.

We have a number of subspecialty clinics and research collaborations with our Pediatric Medicine and Child Psychiatry Centers. We are developing additional new programs, e.g., neonatal neurology, pediatric stroke, and neurocritical care with strong institutional support.

The University of North Carolina at Chapel Hill has a large primary pediatric residency with over twenty fellowship programs

including a Child Neurology residency and a Clinical Neurophysiology fellowship. We are also the pediatric training site for the University of North Carolina at Chapel Hill neurology residency. This position will offer a primary academic appointment at the University of North Carolina at Chapel Hill.

North Carolina Children's Hospital/ University of North Carolina Health Care is one of the country's premiere pediatric clinical, academic and research medical centers with more than 40 pediatric subspecialty clinics, 250 beds, and the region's only Level 1 pediatric trauma center. We have a number of satellites with outpatient clinics. The Department provides a strong commitment to clinical and translational research with dedicated personnel to assist and oversee grant efforts in a dedicated Clinical and Translational Science Institute at the University of North Carolina.

The North Carolina Research Triangle Park (RTP) metropolitan area is a regional community with over 1.3 million residents. The area is cosmopolitan with one of the lowest costs of living of all major US cities. The area is accompanied by excellent dining, entertainment, music, professional sports, and museums. Within the RTP, Chapel Hill offers excellent opportunities for K-12 education in both public and private school venues; several Chapel Hill area schools are listed among the Best Schools in the Nation. The area is home to several colleges and universities. Chapel Hill is a classic college town, with numerous cultural offerings, abundant housing options, easy commutes, and outstanding school districts. The area is known for its natural beauty, with many springs, lakes, parks and forests, and rivers. The climate encourages outdoor activities such as hiking, swimming, boating, fishing, bicycling, and camping. This all combines to make Chapel Hill and surrounding areas a wonderful place to live and pursue a career.

Interested candidates should complete an online application at: <http://unc.peopleadmin.com/postings/112721> and attach CV and cover letter. Three letters of reference should be sent to:

Timothy Gershon, M.D., Ph.D.
Associate Professor and Search
Committee Chair gershont@neurology.unc.edu

Paul R. Carney, M.D., Professor and Chief
paulcarney@unc.edu

Division of Pediatric Neurology
Department of Neurology
University of North Carolina at Chapel Hill
170 Manning Drive, CB 7025
Chapel Hill, NC 27599
Phone: 919/966-4401

The University of North Carolina at Chapel Hill is an equal opportunity, affirmative action employer and welcomes all to apply regardless of race, color, gender, national origin, age, religion, genetic information, sexual orientation, gender identity or gender expression. We also encourage protected veterans and individuals with disabilities to apply.

CNS PERSONNEL REGISTRY OHIO

AKRON CHILDRENS HOSPITAL SEEKS A PEDIATRIC EPILEPTOLOGIST

Northeast Ohio-based Akron Childrens Hospital seeks a Pediatric Neurologist with expertise in Epilepsy and/or Clinical Neurophysiology to join its expanding Neurology Division. Akron Childrens Hospital is the largest pediatric healthcare system in Northeast Ohio and is ranked among the best childrens hospitals by *US News and World Report*.

This integrated healthcare delivery system includes:

- Two free-standing pediatric hospitals
- More than 900 providers, who manage 800,000+ patient visits annually
- A network of more than 80 primary and specialty care locations
- Robust research and innovation endeavors

The successful candidates will join a dedicated team of 8 pediatric neurologists, 4 epileptologists and 6 nurse practitioners who work together to satisfy the neurology needs of the NeuroDevelopmental Science Centers (NDSC) growing patient population. The NDSC brings together the expertise of 6 pediatric specialties Developmental-Behavioral Pediatrics, Neurology, Neurosurgery, Physiatry, Neuropsychology and Psychology to deliver quality, coordinated care to patients served. The Epilepsy Program is recognized by the National Association of Epilepsy Centers as a Level 4 Epilepsy Center and features a state-of-the-art 6-bed Epilepsy

Monitoring Unit; an additional two beds will be added in 2018.

This position offers opportunities for:

- Partnership with an established team of neurologists affording exceptional work-life balance
- Active involvement in medical student and resident education; academic appointment at Northeast Ohio Medical University (NEOMED) is available and commensurate with experience
- Research and innovation available through the Rebecca D. Considine Research Institute and partnerships with NEOMED, Kent State University and The University of Akron
- An attractive compensation and benefit package

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

Akron Childrens Hospital is set in the beautiful Cuyahoga Valley, just 30 minutes south of Cleveland. From major league attractions to small-town appeal, the greater Akron area has something for everyone. The area is rich in history and cultural diversity, and provides a stimulating blend of outstanding educational, cultural and recreational resources. This four-season community offers outdoor enthusiasts more than 40,000 acres of parks for year-round enjoyment. Northeast Ohio has become a premier destination to work, live, play, shop and dine.

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

CHAIR, DEPARTMENT OF PEDIATRICS & PEDIATRICIAN-IN-CHIEF

On behalf of University Hospitals Rainbow Babies & Childrens Hospital and the UH system, MillicanSolutions, LLC, a leader in academic pediatric executive search, has initiated a national search to identify candidates to serve as Chair of the Department of Pediatrics and Pediatrician-in-Chief. The organizations are seeking a transformational physician leader capable of establishing and implementing a vision for the creation of a nationally respected

OHIO continued

Pediatric Service Line across the \$4.0 billion University Hospitals system. The new forward-thinking, inspirational Chair will leverage a health system that is home to a 150-year legacy of high quality clinical care and innovation in the region and an academic childrens hospital recognized nationally for its tradition of meaningful clinical, educational, and scientific contributions to pediatrics.

The success of pediatrics in the region and at University Hospitals Rainbow Babies & Childrens Hospital is one of the highest strategic priorities of the senior leadership team at the well-integrated University Hospitals system and the philanthropic community. With full support, respect, and visibility from system leadership and transformational resources, the UH Pediatric Service Line is poised to significantly expand its breadth, depth, and impact. The newly appointed leader will not only be responsible for enhancing the provision and coordination of world-class inpatient and outpatient clinical care throughout the System, but he/she will have the opportunity to inspire and lead a loyal faculty base in re-establishing University Hospitals Rainbow Babies & Childrens as a recognized leader in academic pediatrics.

Taking into consideration the strategic imperative University Hospitals has placed on pediatrics, the Systems commitment to meaningful resources, and the respected history of University Hospitals Rainbow Babies & Childrens, we believe this leadership role to be one of the great legacy opportunities available nationally.

The successful MD or MD/PhD candidate with a sustained record of leadership accomplishment, operational expertise, and scholarly activity will be qualified to be appointed at the rank of Associate or Full Professor and will be eligible for an unrestricted medical license in the state of Ohio.

For more details about this opportunity, please contact Marcel Barbey, Vice President of MillicanSolutions, LLC, at 682/223-5779 or via email: Marcel.Barbey@millicansolutions.com. All interactions will remain confidential and no inquiries will be made without the consent of the applicant.

CNS PERSONNEL REGISTRY PENNSYLVANIA

PSYCHIATRIST (AUTISM & DEVELOPMENTAL MEDICINE) (JOB ID 37987)

Location: Lewisburg, PA
Employment Type: EMPLOYEE
Category PHY/EXEC
Job ID 37987

LOCATION: SUSQ IMAG/AUTISM DEV
MED INST, LEWISBURG PA

Geisinger is seeking talented and motivated Child and Adolescent Psychiatrists

Join a growing multidisciplinary clinical and research team at Geisinger's Autism & Developmental Medicine Institute (ADMI) in beautiful Lewisburg, PA and other sites in central Pennsylvania. In collaboration with nearby Bucknell University, ADMI's vision is to expand and integrate clinical services, research, education, and family support for children and adolescents with autism and other neurodevelopmental disorders.

At ADMI, Child Psychiatrists

- Provide clinical care, including diagnostics and medication management, as part of a dynamic,
- Multidisciplinary developmental medicine, psychiatry, psychology, neuroscience, and genomics team work within a busy, stimulating clinical and research environment serving individuals with diverse neurodevelopmental challenges
- Develop clinical expertise and research interests through specialty clinics for fragile X, Smith-Magenis, 22q11.2 deletion, and other genetic syndromes
- Enjoy protected time to pursue research projects and clinical trials related to developmental brain disorders
- Teach residents, medical students, and trainees in allied disciplines through established affiliations between

Geisinger and regional academic institutions are respected and supported colleagues within Geisinger's nationally-recognized and growing Autism & Developmental Medicine Institute

About Geisinger

Geisinger fosters an atmosphere of clinical excellence while offering the best of life in small-town America good schools, safe neighborhoods with affordable housing and a wealth of cultural and recreational

activities. The surrounding natural beauty provides opportunities for fishing, skiing, canoeing, hiking and mountain biking. Urban life is easily accessible, with New York, Baltimore, Philadelphia or Washington DC just an afternoon's drive away.

Discover for yourself why Geisinger has been nationally recognized as a visionary model of integrated healthcare.

For more information, visit GeisingerADMI.org or contact: ADMI Medical Director, Thomas Challman, MD, c/o Grace McCluskey at 800/845-7112 or gbmcccluskey@geisinger.edu

Geisinger Health System is an integrated health services organization widely recognized for its innovative use of the electronic health record, and the development of innovative care models such as ProvenHealth Navigator and ProvenCare. As one of the nation's largest rural health services organizations, Geisinger serves more than 3 million residents throughout 48 counties in central, south-central and northeast Pennsylvania. The physician-led system is comprised of approximately 23,500 employees, including a 1,200-member multi-specialty group practice, nine hospital campuses, two research centers and a 467,000-member health plan, all of which leverage an estimated \$7.7 billion positive impact on the Pennsylvania economy. The health system and the health plan have repeatedly garnered national accolades for integration, quality and service. In addition to fulfilling its patient care mission, Geisinger has a long-standing commitment to medical education, research and community service.

**** Does not qualify for J-1 waiver. We are an Affirmative Action, Equal Opportunities Employer Women and Minorities are Encouraged to Apply**

**RECRUITER: GRACE B. MCCLUSKEY
gbmcccluskey@geisinger.edu
570/214-6918 46918**

****Does not qualify for J-1 waiver. We are an Affirmative Action, Equal Opportunity Employer. Women and Minorities are Encouraged to Apply. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of disability or their protected veteran status.**

Job Requirements

Licensed Child Psychiatrist. BE/BC in Pennsylvania.

Contact Us:
gblowry@geisinger.edu

PI97118580

CHILD NEUROLOGIST – EASTERN PENNSYLVANIA

Lehigh Valley Health Network (LVHN) Children's Hospital is seeking a BC/BE pediatric neurologist to join our growing Department of Pediatrics which now includes physicians in 28 specialties, a large general pediatric group and dedicated hospitalists and intensivists. Lehigh Valley Health Network is located 1 hour north of Philadelphia and 1.5 hours west of NYC. The Children's Hospital has a 30-bed inpatient unit, a 40-bed Level III NICU, 8-bed Level II PICU, Level II pediatric trauma center and 12-bed pediatric ER. LVHN offers a cohesive work environment, a busy clinical practice and the opportunity to be involved in teaching pediatric residents and medical students, and an academic appointment at the University of South Florida. LVHN is a nationally recognized physician-led network with a medical staff of 1,200, more than half of whom are employed. The area is one of the fastest growing in the state of Pennsylvania due to urban redevelopment, suburban affordability and outstanding public and private schools.

Email CV to Karen_R.Fay@LVHN.org or call 484-862-3206 for more information. Please visit our website at www.LVHN.org.

CNS PERSONNEL REGISTRY TEXAS

FANTASTIC CHILD NEUROLOGIST OPPORTUNITY IN NORTH TEXAS

On behalf of Cook Children's Medical Center and Health Care System located in Ft. Worth, TX, MillicanSolutions, the leader in physician executive search for children's hospitals, is pleased to inform you of the inception of a national search for Child Neurology candidates. Candidates with special interest in Headache Medicine, Epilepsy, Movement Disorders, and Inpatient Neurology care are especially desired.

Cook Children's Medical Center is a not-for-profit, free standing, 457-bed quaternary care pediatric hospital that is consistently ranked by *US News and World Report*. Although not academically affiliated, opportunities are available to pursue clinical research with support including campus IRB, grant writing, research nurses, and a dedicated PhD statistician. Opportunity for teaching and faculty affiliation with the University of North Texas Health Science Center is also possible.

Cook Children's is committed to securing a specialist whose professional, social, and economic interests would lend themselves to a long-term, cultural fit within the institution, the medical staff, and the community.

Other Programmatic Highlights

- Joining group of 11-Pediatric Neurologists. Enjoy support from 8-Nurse Practitioners, 4-Pediatric Neurosurgeons and 3 Neuropsychologists. Enjoy an average of 5 call weekends per year and 2-3 weekday calls per month.
- Earning potential above the 90th percentile of MGMA
- 26-bed state-of-the-art Neuro-Rehabilitation unit located next to the Neurosciences offices
- 10-bed epilepsy monitoring unit and active epilepsy surgery program (average 60 surgeries/yr)
- First hospital in the country to establish dedicated Pediatric DBS program and to have Clearpoint Intraoperative iMRI system
- Established comprehensive headache program
- Anticipate 40% focus on general neurology and 60% focus in area of interest
- In office biofeedback and IV infusion program
- More than 25,000 patient encounters, 1100 Botox procedures in 2015; 250 intrathecal pumps, 90 DBS implants

We would appreciate the opportunity to confidentially discuss this opportunity with you and share in greater detail why we feel it is the top position available nationally.

Please contact Marcel Barbey at 817/707-9034 or via email at marcel@MillicanSolutions.com for more information.

All inquiries will remain confidential without your prior approval. Cook Children's Healthcare System is an EEO/AA Employer M/F/D/V

PEDIATRIC NEUROLOGY FACULTY

The Department of Pediatrics at the at the University of Texas Rio Grande Valley (UTRGV) School of Medicine (SOM) is seeking Pediatric Neurology faculty to serve as core faculty for this newly established department. Faculty will develop a clinical practice and play an active role in the development of the first pediatric residency program in the region.

Reporting to the Chair, Dr. Robert Nelson, of the Department of Pediatrics UTRGV, the new faculty responsibilities include supervision and teaching of medical residents and/or students in inpatient and outpatient settings and practicing pediatric neurology in a faculty private practice. Academic rank and compensation will be commensurate with qualifications and experience. Once a pediatric residency is approved the program will become one of the major graduate medical training programs of the University of Texas, Rio Grande Valley School of Medicine.

This is a rare opportunity to be a founding faculty of a new department led by an experienced department chair that will fill a vital need and have significant impact on the quality of care delivery and health outcomes for the region.

Education/Certifications/Licensure Requirements: Current Board certification by the American Board of Pediatrics, either possess or be eligible to apply for a valid Texas medical license, qualified to hold a faculty appointment in the Department of Pediatrics and an appointment to the Medical Staff of the assigned partner hospital.

UTRGV is an Affirmative Action/Equal Opportunity Employer.

For additional information about this opportunity, please contact:
Elaine Auerbach,
Kaye/Bassman International:
EAuerbach@kbic.com or
972/265-5245

PEDIATRIC NEUROLOGIST

Management Enterprise Development & Services, Inc. (MEDS) is seeking a full-time pediatric neurology physician to provide hospitalist services at Brooke Army Medical Center, Fort Sam Houston, San Antonio, Texas.

TEXAS continued

Benefits include:

- Medical and dental insurance
- Malpractice insurance not required
- Paid leave
- 401(k)
- Relocation package
- Competitive salary – \$315,000 range
- Great work environment and state-of-the-art clinical space

To apply, email CV and contact information to Sonya Harris at s.harris@m-e-d-s.com.

Applicant must possess a doctor of medicine degree (MD) or a doctor of osteopathic medicine degree (DO) and be board certified or eligible in pediatric medicine. Applicant must have and maintain a valid license to practice in one of the states/territories of the United States; must possess and maintain valid Basic Cardiac Life Support (BCLS) and Cardiopulmonary Resuscitation (CPR) certifications throughout the period of performance; must meet or exceed currently recognized national standards as established by the Joint Commission. Credentialing by BAMC will be required prior to hiring.

CHILD NEUROLOGY

Baylor Scott & White Health
McLane Childrens Hospital and Clinics
Temple, TX

We are looking for a BC/BE Child Neurologist to join the largest non-profit healthcare system in Texas due to continued growth and patient demand. McLanes Children's Hospital is a 112 bed facility with 160 active medical and surgical pediatric faculty. McLanes Children's training programs, affiliated with the Texas A&M Health Science Center College of Medicine, include a pediatric residency and neonatology fellowship. Academic appointments are available commensurate with experience.

Position Info

- Position is located in Temple, TX (just a short drive north of Austin)
 - Facility is a 112 bed, free standing, Children's Hospital and a brand new 5 story pediatric multispecialty clinic
 - Join a growing pediatric department and neurology division that includes 2 BC Pedi Neurologists and 1 APP
 - Looking for general Pediatric Neurology and interest in epilepsy would be a plus
 - Opportunity for resident and medical student education through Texas A&M COM
 - Full Pediatric residency, 7 residents per year in the program
- Employed at Baylor Scott & White Health
- Malpractice is fully covered by employer
 - Employed position with EPIC EMR
 - Competitive salary plus generous retirement contributions
 - Vacation days and CME days
 - Up to \$10,000 in relocation reimbursement

A formal application along with CV must be completed to be considered for this position, please visit:

<http://jobs.bswhealth.com/> and enter the job ID# 16001578

For questions contact Tony Castillo, Physician Recruiter at tony.castillo@bswhealth.org

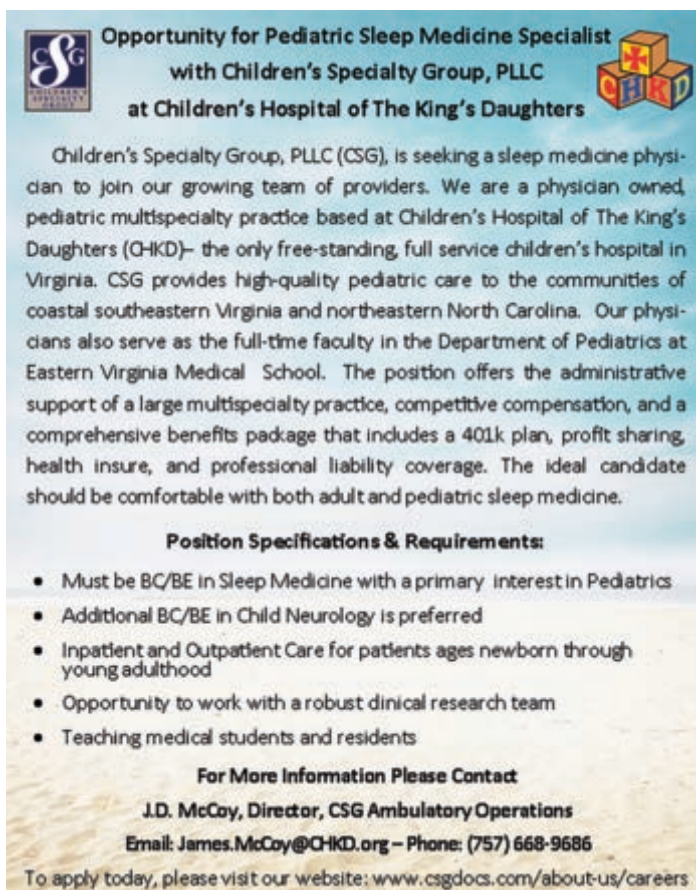
CNS PERSONNEL REGISTRY VIRGINIA

SEE AD AT LEFT.

CNS PERSONNEL REGISTRY WISCONSIN

PEDIATRIC NEUROLOGISTS: UNIVERSITY OF WISCONSIN-MADISON

The Department of Neurology at the University of Wisconsin School of Medicine and Public Health seeks fellowship-trained BC/BE pediatric neurologists to join our expanding Pediatric Neurology Program as Assistant, Associate or Full Professors on the clinician-teacher or CHS track. The pediatric neurology Section currently has four pediatric epileptologists and three general pediatric neurologists with plans to expand to a faculty of ten. Fellowship-



Opportunity for Pediatric Sleep Medicine Specialist
with Children's Specialty Group, PLLC
at Children's Hospital of The King's Daughters

Children's Specialty Group, PLLC (CSG), is seeking a sleep medicine physician to join our growing team of providers. We are a physician owned, pediatric multispecialty practice based at Children's Hospital of The King's Daughters (CHKD)– the only free-standing, full service children's hospital in Virginia. CSG provides high-quality pediatric care to the communities of coastal southeastern Virginia and northeastern North Carolina. Our physicians also serve as the full-time faculty in the Department of Pediatrics at Eastern Virginia Medical School. The position offers the administrative support of a large multispecialty practice, competitive compensation, and a comprehensive benefits package that includes a 401k plan, profit sharing, health insure, and professional liability coverage. The ideal candidate should be comfortable with both adult and pediatric sleep medicine.

Position Specifications & Requirements:

- Must be BC/BE in Sleep Medicine with a primary interest in Pediatrics
- Additional BC/BE in Child Neurology is preferred
- Inpatient and Outpatient Care for patients ages newborn through young adulthood
- Opportunity to work with a robust clinical research team
- Teaching medical students and residents

For More Information Please Contact
J.D. McCoy, Director, CSG Ambulatory Operations
Email: James.McCoy@CHKD.org – Phone: (757) 668-9686

To apply today, please visit our website: www.csgdocs.com/about-us/careers

trained pediatric neurologists in Stroke, Neuroimmunology, Movement Disorders, Neuromuscular diseases and general pediatric neurologists are welcome to apply. Candidates must hold an M.D., M.D./Ph.D. or DO, be Board certified or eligible in neurology, and have the ability to obtain a Wisconsin Medical License, fellowship training or equivalent experience is required. The positions include opportunities for teaching, clinical and research activities in an academic environment with pediatric and adult epileptologists, general pediatric neurologists, faculty in other services including pediatrics, neuropsychology, neurosurgery, neuroradiology, clinical neurophysiology and basic science research faculty. Clinical activities will involve attending duties in neurology clinics and on inpatient services at the American Family Children's hospital at the University of Wisconsin and affiliated regional hospitals and clinics. Teaching responsibilities include teaching medical student courses and clerkship, mentoring graduate students and trainees, training pediatric and adult neurology residents, fellows and medical students and teaching continuing education programs for physicians and the public.

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

Questions can be addressed to applications@neurology.wisc.edu.

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

PEDIATRIC NEUROLOGIST IN MADISON, WI

Pediatric Neurology at SSM Dean Medical Group – Madison, WI

The Opportunity

Dean Clinic, a 450+ physician multi-specialty group, is recruiting for a Pediatric Neurologist. The new physician will join a Pediatric Neurologist and seven Adult Neurologists. Our physicians see patients in both the outpatient and inpatients settings. We offer work/life balance through flexible call schedules and a four-day work week.

The Department of Neurology offers a full service of Neurology subspecialists, which includes Pediatric Neurology, Epilepsy, Movement Disorders, Stroke, Dementia, and Neuromuscular Disorders. The Dean Medical Group strives for excellence with its EMG/NCS and EEG laboratories. The EMG/NCS lab is accredited by the AANEM with exemplary status. We have two AAET certified technicians as part of our team. It is the only accredited EMG/NCS laboratory in Madison. We also have a multi-disciplinary MDA sponsored neuromuscular clinic. The EEG lab is also accredited with three registered technicians.

The Hospital

SSM St. Mary's Hospital has been serving South Central Wisconsin since 1912. The hospital is a 350-bed tertiary care and referral center with a full spectrum of medical and surgical services. St. Mary's Hospital and Dean Medical Group are part of SSM Health, an integrated health system that has facilities in Wisconsin, Illinois, Missouri, and Oklahoma.

The Community

Madison, population 225,000, consistently ranks as one of the top places in the country to live, work, go to school, play, and raise a family. In fact, Madison was recently named as the most livable mid-size city in the United States by Livability.com. Middleton

is a popular suburb to the west. It was recognized by *Money Magazine* when it was named the seventh of The 100 Best Places to Live. Verona is another popular suburb to the west. It is the home of Epic, the premier electronic medical record company.

Home to the State Capitol and University of Wisconsin, Madison offers residents a stimulating civic and educational environment. The Madison area offers excellent public and private schools. Children have numerous educational options outside of school, including the Aldo Leopold Nature Center, Saturday Science at Discovery, and the Madison Children's Museum.

Residents also enjoy an endless variety of music, dance, theater, visual and literary arts, including five museums exhibiting art, history, and science collections. The Overture Center in downtown Madison is a beautiful facility that offers a wide variety of entertainment, including the Madison Symphony, Madison Opera, and visiting performances. Built around four lakes, Madison satisfies outdoor enthusiasts with its public parks, beaches, marinas, and numerous bicycle trails. Sports fans have the opportunity to cheer for the Wisconsin Badgers in most of the major and minor intercollegiate sports.

Dean is an Equal Opportunity Employer and Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

For more information contact:

Christopher A. Kashnig
SSM Dean Medical Group, 1808 W.
Beltline Hwy, Madison, WI 53713
Phone: 608/250-1474
Fax: 608/250-1534
Cell: 608/212-6348
christopher.kashnig@ssmhealth.com
www.ssmhealth.com

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 (\$275 for non-members).

Deadline for placement in the next issue is **August 20, 2017.**

TO POST AN AD:

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



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CNS Annual Meeting Registration is Included in this Magazine.