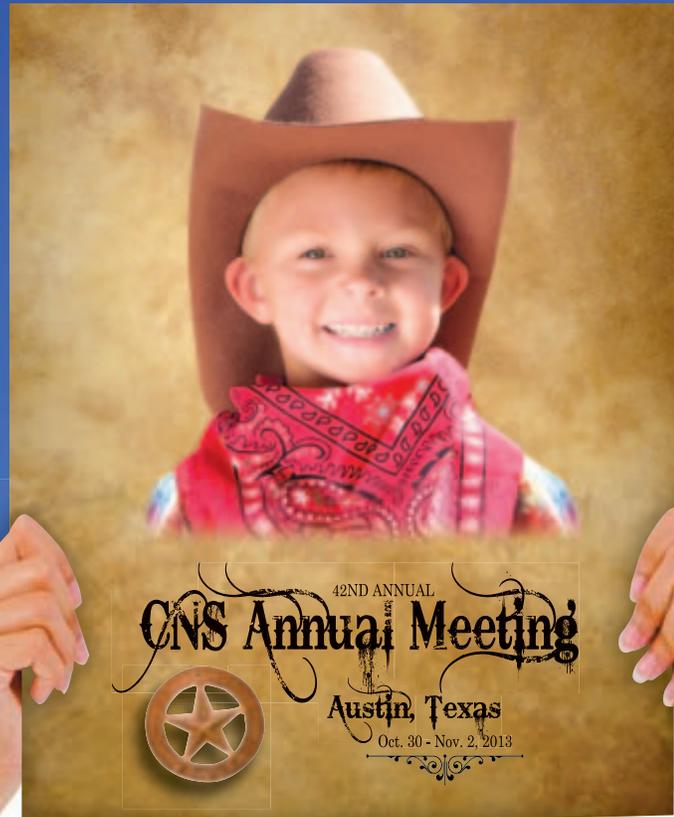


CCHILD NEUROLOGY SOCIETYONNECTIONS

Bringing CNS Members Together to Make Children's Lives Better





E. Steve Roach, MD
President, CNS

"I tell (medical students) to find an area in medicine that they love and consider important, and then to pursue it with all the energy and passion they can muster.... Considering the amount of time most of us spend working, finding a discipline that will sustain our interest over a lifetime is critical."

Q&A With "Retiring" CNS President E. Steve Roach, MD

NOTE: Dr. E. Steve Roach's two-year tenure as CNS President will end at the conclusion of the CNS Business Meeting on Thursday, October 31, at which point his successor, Dr. Nina Schor, will begin her two-year term. Steve will remain on the board for one year as Past-President. Steve volunteered to submit to this interview in lieu of writing a final "Letter from the President."

1. Is it a lot of work to serve as President of the CNS? If so, where did you find enough time?

Who says I ever found enough time? The last couple of years as President have been rewarding, but it is the kind of job that can consume whatever amount of time you can spare for it. I probably spent about 20% of my time on CNS business, and it might have even been more were it not for that pesky regular job that I have. I owe a huge debt to my colleagues in Columbus, who graciously pitched in, sometimes on short notice, when I needed to devote time to the Society.

2. What is your proudest accomplishment, as President of the CNS?

The CNS President alone can accomplish little. But for the last two years, the Society has had an engaged, active board and a superb office staff, and these individuals deserve a lot of credit. Together we have accomplished a great deal. In the last two years, for example, we hired a new executive director, created a new website, redesigned and renamed the newsletter, and instituted policies and office efficiencies that save the Society a lot of money. But I am probably most pleased with our revitalized working relationship with the Child Neurology Foundation, a more functional partnership that will eliminate some of the past confusion and make it easier for both organizations to accomplish their goals. This was long overdue.

I am also pleased with the launch of the Legacy Circle, which recognizes members and other individuals who have made major gifts or bequests to the Society or the Foundation.

3. What were your favorite aspects of the job?

I made lots of new friends and reconnected with some older ones. I am more convinced than ever that child neurologists are a special breed. It was also amazing to see firsthand how the annual meetings come together. Most of us just arrive at the meeting each year, unaware of the months of advance planning and hard work by the CNS staff leading up to the meeting.

4. What is the most difficult thing you encountered as President of the CNS?

Writing the e-mails announcing the death of several friends and colleagues whom I had known for years. And the website obituary for Roger and Mary Brumbach was surely the most difficult thing I have ever written. Roger was the Best Man in my wedding and he and Mary were close friends for many years. Their deaths were devastating.

5. What are the biggest challenges facing the field of child neurology?

We all like to complain, but are our own challenges really worse than those of many other medical specialists? I doubt it. There are a few issues that are unique to pediatric neurology, but like other specialists, we face shrinking reimbursement, increasing demands, and pressure to be more efficient. Medicine is a tough business that is constantly evolving, and every well-meaning attempt to fix something seems only to add extra layers of difficulty. As long as our payment system continues to reward doing things to patients more generously than outsmarting the patient's problem, we will struggle to cover the cost of doing business. But I suspect that other specialists are just as aggravated as we are.

Our greatest challenge is, and will continue to be, finding ways to adequately fund the activities that are necessary to ensure progress in the profession. I hate the very thought of good research ideas dying for lack of funding, a devoted teacher having no opportunities to teach, or superb clinicians giving up clinical care out of sheer fatigue. We must find ways to sustain these activities if child neurology is to progress.

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PATTI VONDRAK

The ABPN Continuous MOC (C-MOC) Program Helps Keep You Up-to-date on Maintenance of Certification Requirements

By Patti Vondrak, Director, Examination Administration and MOC
American Board of Psychiatry & Neurology, Inc.

C-MOC Program

Beginning in 2012, Diplomates who certify or recertify are enrolled into the Continuous Maintenance of Certification (C-MOC) Program. Other Diplomates certified prior to 2012, including lifetime certificate holders, may elect to participate in the program through their Physician Folio.

Diplomates must accomplish MOC requirements in three-year cycles or stages. Every three years, Diplomates in the program must document in their Physician Folio completion of:

- Continuous unrestricted medical license
- 24 CME credits of self-assessment (average 8 per year)
- 90 Category 1 CME credits (including those from SA)
- 1 Performance in Practice Unit
- Payment of annual MOC Program fee

While passing a cognitive examination is still required at least every ten years, a Diplomate's certification status is dependent upon fulfillment of all four MOC program components (Professional Standing, Self-Assessment and Continuing Medical Education, Cognitive Expertise, and Performance in Practice), along with annually logging completed MOC activities into ABPN's Physician Folios and payment of the annual MOC registration fee.

Instead of a single fee at the time of the MOC examination, participants in the C-MOC program pay an annual fee. This fee covers participation in ABPN Physician Folios and includes one MOC cognitive examination in a ten-year period. Less than 10 years of participation, or applying for a combined examination, will require an additional fee.

The C-MOC program is organized through the use of ABPN Physician Folios. Using the link at the top of the opening page of the ABPN website (www.abpn.com/folios), physicians can create accounts that will enable them to keep their demographic and license information up to date, track their MOC activities, locate ABPN approved MOC products, stay apprised of any changes in the program, pay fees, and apply for examinations. Physicians must activate an ABPN Physician Folios account on the ABPN website to begin the MOC process and gain the benefits of the program.

Modifying MOC

1. Beginning in 2012, the ABPN will give MOC credit for completing an ACGME-accredited subspecialty fellowship and passing an ABPN subspecialty examination. One 3-year block of SA, CME, and PIP requirements will be waived.
2. Diplomates with "life-time" certificates may now join the Continuous MOC Program in two ways:
 - Pass the MOC examination.
 - Register for the Continuous MOC Program, complete 3 years of required MOC activities, and pass the MOC examination within 3 years.
3. ABMS is in the process of reviewing MOC Program requirements for all 24 Medical Specialty Boards. With input from all Member Boards, ABMS is working to develop a new 'MOC 2015 Standards' document. ABPN will communicate any MOC Program changes to its diplomates as soon as this process is finalized. It is the hope of ABPN that any changes to the program will be flexible and reasonable.

Summary

The C-MOC program will assist Diplomates in complying with MOC requirements and timeframes. The program will also facilitate the required annual recording of progress required of Diplomates and reporting of Diplomate participation to the ABMS.

Physicians must activate an ABPN Physician Folios account on the ABPN website to begin the MOC process and gain the benefits of the program.

There are several advantages C-MOC program participants gain:

1. Annual fee instead of a large fee at the time of application
2. Personalized list of MOC activities that can be provided to employers, hospitals, licensing boards, etc.
3. Reminders from the ABPN regarding MOC requirements that are due to be completed
4. Easy to use system to track individual requirements
5. Easy to use interface (ABPN Physician Folios)

We encourage you to activate your ABPN Physician Folio page at: www.abpn.com/folios. The Folios provides a place for diplomates to record their MOC activities and allows them to compare their MOC activities with the requirements for their MOC exam year. It's a personalized web page that diplomates find very helpful to understand MOC requirements.

Note: If you were certified in 2011 or earlier, please activate your Folios account and refer to the ABPN 10-Year MOC Program on the ABPN website at: www.abpn.com/moc_10yrmoc.html



With Ms. Patti Vondrak, ABPN MOC

1. What led to the changes in maintenance of certification for the ABPN?

There are no substantive program changes from the Ten-Year MOC program to the Continuous MOC (C-MOC) Program. There is now, however, an annual MOC Program fee. Instead of a single fee at the time of the MOC examination, participants in the C-MOC Program pay an annual fee. Diplomates are also required to log their MOC activities on to their personalized ABPN Physician Folio website.

2. What are the components of the ABPN MOC program?

- Unrestricted medical license(s)
- Cognitive examination every 10 years

Specific MOC activities every 3 years:

- 24 CME hours of Self-assessment activities
- 90 CME hours (includes the 24 SA CME hours)
- 1 PIP Unit (Clinical Module and Feedback Module)
- Annual registration on the ABPN Folio
- Annual MOC fee (\$175 for 2013)
- No fee for one MOC cognitive examination in 10 years

3. When do the new requirements go into effect?

The Continuous MOC Program begins for diplomates certified or recertified in 2012.

4. Are all ABPN diplomates subject to the new requirements, or only those who obtained certification after a certain date?

The Continuous MOC Program begins for diplomates who become certified or recertified in 2012 and after. Other diplomates may opt in to the program if they choose to do so.

5. Why is simply taking a cognitive test periodically not adequate?

As stated by the ABMS, the MOC Program was designed to improve patient care by establishing high standards for education, practice improvement, and assessment activities of diplomates who have achieved initial certification. Therefore, taking a cognitive test periodically is only one portion of MOC and lifelong learning.

6. Components of the MOC program include CME credits and performance in practice units. Who will keep track of these activities for each physician? Is each of us in charge of keeping track of our own data?

Each diplomate must track his/her own progress in the MOC Program, including CME credits and performance in practice units. The C-MOC Program is organized through the use of ABPN Physician Folios. Using the link at the top of the opening page of the ABPN website (www.abpn.com/folios), physicians can create accounts that will enable them to keep their demographic and license information up to date, track their MOC activities, locate ABPN-approved MOC products, stay apprised of any changes in the program, pay fees, and apply for

examinations. Physicians must activate an ABPN Physician Folios account on the ABPN website to begin the MOC process and gain the benefits of the program.

7. Will the ABPN audit physicians to make sure that they are compliant with the requirements?

Yes, ABPN will do a random audit of about 5% of diplomates per year participating in the MOC Program.

8. How will the cost of re-certification compare with that of the past?

Instead of a single fee at the time of the MOC examination, participants in the C-MOC Program pay an annual fee. The 2013 annual MOC Program fee is \$175. This fee covers participation in ABPN Physician Folios and includes one MOC cognitive examination in a 10-year period. Less than 10 years of participation or applying for a combined examination requires an additional fee.

9. How will the ABPN determine whether its new requirements are actually working and if they are accomplishing their goals?

The ABPN will determine whether or not its MOC Program is accomplishing its goals through the participation of its diplomates, feedback from those diplomates on regular surveys and focus groups, and planned research on the effect of MOC participation on quality of patient care.

10. Is there a website where a neurologist can go to find a clear description of the ABPN requirements for MOC?

General MOC information: www.abpn.com/moc
Physician Folios: www.abpn.com/folios
Email: Questions@abpn.com

11. If a neurologist is still confused about the requirements, is there an office that he or she can call to speak with someone in person regarding the requirements?

Please call the ABPN Executive Office and speak with a Credentials Administrator at 847-229-6510.

CHILD NEUROLOGY SOCIETY

From the Executive Director



ROGER LARSON
EXECUTIVE DIRECTOR, CNS

CONNECTIONS – Past, Present & Future

No! I am not Prince Hamlet, nor was meant to be;
Am an attendant lord, one that will do
To swell a progress, start a scene or two,
Advise the prince; no doubt, an easy tool,
Deferential, glad to be of use,
Politic, cautious, and meticulous;
Full of high sentence, but a bit obtuse;
At times, indeed, almost ridiculous—
Almost, at times, the Fool.

From T.S. Eliot: *The Love Song of J. Alfred Prufrock*

Hamlet rarely comes up in conversation these days (among neurologists, anyway). Eliot even less so. And Prufrock? Please. My guess is Garrison Keillor's take on "J Pru" would garner knowing nods from members of those other two Minnesota-based icons linked to strong women and good looking men, the AAN and CNS: "This...small, dark, mopefest of a poem...pretty much killed off the pleasure of poetry for millions of people who got dragged through it in high school."

So why bring it up now? Has the *Wall Street Journal* identified a new trend on its website that has America's youth forsaking the big bucks earned by English BAs for the more ascetic allure of med school and a career in child neurology, purely on the basis of this poem (and, perhaps, Jane Austen)? No. Nothing quite that direct or dramatic. True, the poem's basic themes – isolation, anomie, weariness, frustration and longing – might resonate with a lot of child neurologists and might account for one or two would-be poets perusing *Annals of Neurology* instead of *The Paris Review*. But that's not why I brought it up. My real reason was to add up and make sense of those things that the Board and members of the Child Neurology Society have accomplished together in the past year, and what we might yet do in the years to come to counter those themes, those things that threaten to "kill off the pleasure" of present and future child neurologists plying their trade.

As CNS Executive Director, my role in the past year has largely been "To swell a progress, start a scene or two," to be "Politic, cautious, and meticulous" in executing the larger strategic vision

formulated with admirable acuity and ingenuity by CNS President E. Steve Roach and a very engaged cadre of elected board members: Barry Kosofsky, Suresh Kotagal, Vinodh Narayanan, Jayne Ness, Nina Schor and Harvey Singer. Thanks to their enormous commitment of time, energy, wisdom and resolve the Society now has a solid foundation to build on for the future. The cornerstone of that foundation, quite literally, was a long overdue rapprochement with the Foundation, the establishment this past spring of a workable framework within which the Child Neurology Society and the Child Neurology Foundation would not just amicably coexist, but would creatively and dynamically coordinate their separate missions to serve the primary overarching mission of "fostering the discipline of child neurology and promoting the optimal care and welfare of children with neurological and neurodevelopmental disorders." Thanks to CNF Executive Director John Stone's tireless efforts and natural feel for relationship building, the Foundation has made solid progress toward establishing a leading role in forging new and effective alliances among the many non-profit organizations with shared interests in public advocacy on behalf of the patients and families CNS members serve. A quick glance at the award profiles printed in this newsletter and on display in Austin amply testifies to the Foundation's commitment to join forces with the CNS – *with you* – to support the next generation of researchers in the field, beginning with its fundraising efforts on behalf of the Philip R. Dodge Young Investigator Endowment Fund. I encourage you to stop by the CNF booth located next to the CNS Annual Meeting Registration counters; introduce yourself to John and his sidekick, Steve Peer, and invest in the future of child neurology with a much needed and much appreciated donation.

Ah, but the poem talked about starting "a scene or two," didn't it? In January the CNS launched a new, more robust website, one that over the course of Phase II development in the coming year will go a long way toward establishing the kind of time-saving, cost-effective, mission building

"connections" child neurologists need to meet a complex array of near- and long-term challenges. The launch of a second essential communication vehicle – the news magazine, *CNS Connections* you hold in your hands – and the appointment of its gifted editor, Dan Bonthius, gives added force and focus to "Bringing CNS Members Together to Make Children's Lives Better." Dan's engaging Q&A sessions are textbook demonstrations of how one translates onto the printed page the mix of vital information and vibrant face-to-face personal energy and engagement that are the hallmark of CNS Annual Meetings. I encourage you to read his Q&As in this issue with "retiring" CNS President, Steve Roach and with Patti Vondrak, talking about the ABPN Maintenance of Certification program; then go back and read past Q&As with Child Neuro Listserv founders, Steve Leber and Ken Mack, and TBI SIG leaders Heidi Blume, Chris Giza, and Howard Goodkin. And don't miss his "Focus on Research" installments highlighting groundbreaking developments by CNS members in stroke and cerebral palsy studies.

What progress might be swelled, what scene or two started in the coming year? Guaranteeing affordable access for CNS members to ABPN Maintenance of Certification-mandated prep and Performance in Practice (PIP) resources is one. A third Self Assessment Exam will be added in 2014 along with several Performance in Practice modules and on-line CME courses culled from the annual meeting. Watch for progress supporting the work of committees and SIGs, strengthening the connections between them internally within the CNS as well as externally with kindred pediatric and neurologic organizations. The CNS will only thrive – and will only deserve to thrive – if it meets its members needs. Size matters. For a society our size to meet those needs effectively, it needs everyone on board, it needs the "buy-in" of everyone "in the business." So, if you know a child neurologist or a trainee who isn't a member, who thinks they're better off "going it alone" and thinks their patients are better off not having their interests represented by a strong, unified Society acting as a respected partner with other medical associations and nonprofit organizations, encourage them to join. If you know a CNS member who isn't actively engaged on a committee or SIG, or rarely makes it to the annual meeting, draw them in. It will do them, and their patients, a world of good.

It does me good. I marvel every year at how many ostensibly retired past-presidents, board members, and committed "rank-and-file" members I see at the Annual Meeting. Their loyalty to the Society they helped found, the obvious relish with which they greet proteges

they trained, mentored and entrusted to carry on their legacy; their palpable excitement witnessing the influx in recent years of residents (175 this year) and medical students (35 this year), and their sheer delight in rekindling conversations about the future of child neurology is tonic beyond measure. It will be interesting to watch in the coming years as, one after another, many of them demonstrate a second burst of "founding" energy, vision, and purpose by translating that loyalty to and love for the Society they helped build into funded legacies, something that the newly formed Legacy Circle will make possible by offering planned giving opportunities to members young and old (watch for details in future newsletters).

Every year I find myself surrounded by not one, but many giants at the CNS meeting. And not just past giants, but present and future ones too.

I remember well penning the phrase years ago that is still used for the Dodge Endowment Fund – "Honor a Founding Giant in Child Neurology...Help Fund New Ones." For, every year I find myself surrounded by not one, but many giants at the CNS meeting. And not just past giants, but present and future ones too. When I think about Dick Koenigsberger, unable to attend last year's meeting to accept the Lifetime Achievement Award due to poor health, then transfer my thoughts to Louis Dang, a resident at the University of Michigan who will carry Dick's banner forward this year as the first recipient of the Richard Koenigsberger Scholarship funded by memorials given by Dick's friends following his death in February, I am moved to make a mental – and moral – connection between the past and present that bodes well for the future. When I think of Phil Dodge and picture Peter Tsai at the podium, introduced as this year's Philip R. Dodge Young Investigator Awardee by his mentor, Mustafa Sahin, the 2005 Dodge YIA winner, I am moved to make a mental and moral connection between the past and present that bodes well for the future. When I see Ken Swaiman, the Society's first president, still avidly perusing the scientific posters, and think of all the future CNS presidents walking "unkown" among us – including, perhaps one or more of the Swaiman Summer Interns displaying their posters, or this year's Bhuwan Garg High School Neuroscience Prize winner, Anna Thomas, who may well preside over the Society's 80th Annual Meeting, I am moved to make a mental and moral connection between the past and present that bodes well for the future. I am moved with wonder. I am overcome with wonder, almost foolish with wonder. Yet, not a fool, for all that. No, these are very real connections. We could build a promising future with them, if we put our mind to it.

CHILD NEUROLOGY SOCIETY Membership Committee Report

Roster of New Members Accepted in 2013

Active

AHMAD, Samiya
ALARCIO, Melanie
ALFORD, Alison
ALYOUBI, Reem
ANDREWS, Ena
BANWELL, Brenda
BHARGAVA, Alok
FU, Cary
GORETZSKE, Sean
GOYAL, Monisha
HANNAUER, Pantea
HUSSAIN, Shaun
JAIN, Sejal
KARIAMPUZHA, George
LEE, Paul
LOCK, Thomas
MACKENZIE, Katherine
MAHMOOD, Naznin
NANGIA, Srishti
O'CONNOR, Sunila
ORTIZ-GONZALEZ, Xilma
PHILBROOK, Bryan
PIERSON, Tyler
RAMOS MARTINEZ, Sheila
RICHARDS, Andrea
RIZVI, Firdous
SCHEXNAYDER, Lalanina
SCHULTZ, Meredith
SHIELDS, Justin
SUNDARARAJAN, Kripa
SYED, Ashraf
TOOR, Svinder
TOTOIU, Minodora
YADAVA, Gaurav

Affiliate

MIRSKY, David
ZWICKER, Jill

Junior

AKBAR, Asra
ANDERSON, Jacquie
APPU, Merveen
AREHART, Eric
BELLO, Mercedes
BERES, Shannon
BHATIA, Poonam
BOECK, Ryan
BOON, Whitney
BROOMALL, Eileen
CHAGNON, Sarah
CHAO, Hsiao-Tuan
CHOE, Meeryo
CIOBANU, Mariana
CSERE, Anne
DELIMA, Sarah Isis
DEMAREST, Scott
DEVINE, Irisa
DI GIOVINE, Marissa
DOLL, Elizabeth
DOSENBACH, Nico
FINKEL, Leslie
FOX, Jordana
GARDNER, Marisa
GHOSH, Suman
GOLDSTEIN, Jessica
HAMMOND, Katherine
HENRY, Julia
IRELAND, Thomas
JOHNSON, Tara
JULICH, Kristina
KATYAYAN, Akshat
KHAYTIN, Ilya
KOUZMITCHEVA, Elizabeth
KOZLOVA, Olga
KUMAR, Indira
LEWIS, Evan
LI, Judy
LOEB, Joshua

MANGANARO, Susan
MANGUM, Tara
MARASHLY, Ahmad
MASSELINK, Brian
MCDONOUGH, Tiffani
MCGILL, Bryan
MEDAA, Ramzy
MELO DE GUSMAO, Claudio
MIR, Kashif Ali Shaz
NABAVI NOURI, Maryam
NADUVIL VALAPPIL, Ahsan Moosa
NUNE, Sunitha
NUNLEY, Sunjay
NWANKWO, Chinasa
O'NEILL, Meghan
OSTENDORF, Adam
PAMPANA, Vijay
PARIKH, Sima
PATHAK, Sheel
PERREAULT, Sebastien
PINCHEFSKY, Elana
RIVAS-COPPOLA, Marianna
ROBBINS, Emily
ROSE, Sean
SANCHEZ-ORTIZ, Leyda
SHREY, Daniel
SORIN, Luda
STEENARI, Maija-Riikka
TAYLOR, John
THAKKAR, Kavita
TOLAYMAT, Abdullah
TURNBALL, Kaitlyn
VU, NgocHanh
WAGLE, Meeta
WALLEIGH, Diana
WEBER, Amanda
WILSON, Jenny



CHILD NEUROLOGY SOCIETY

Professors of Child Neurology



PHILLIP L. PEARL, MD
PRESIDENT, PCN

By Phillip L. Pearl, MD, PCN President

As we prepare for the annual meeting in Austin, it is a good time to reflect on PCN progress over the past year. There has been a flurry of activity related to ACGME Program Requirement Revisions, development of a Milestones Curriculum, Universal Curriculum for Child Neurology Training Programs, and a look at Pediatric vs Neurology "Home Base" for Child Neurology Programs. We joined forces with the CNS in designating combined committees to address the Match and the newly minted Blue Bird Circle Award for Outstanding Child Neurology Program Directors, generously funded by the Texas Children's Hospital program in the lone star state hosting our meeting.

Program Requirement Revision Highlights:

Following many years of debate at meetings of the PCN, CNPD, and other forums, the Residency Review Committee (RRC) prepared recommended program requirement revisions which were posted for public comment January through May, followed by revisions during the May meeting of the RRC in Chicago at the ACGME offices. While these edits remain under review of the Committee on Revisions, there are substantive revisions applicable to the sponsoring institutions, roles and responsibilities of program directors, faculty, curriculum, and evaluation of both the trainees and the programs. These can be summarized as follows:

The *sponsoring institution* must provide at least 20 percent FTE support (time and funding) for the program director (PD) and an additional 1% per resident (bringing this into line with the adult neurology programs), and must support a program coordinator to assist the PD.

The *PD* must monitor resident stress (including mental and emotional), resolve situations that demand excess resident service or produce excessive stress, approve the 12 months of

adult neurology education, and (should) attend at least one national PD meeting per year (PCN or CNPD).

The *curriculum* for adult neurology must be at least 12 months (which do not need to be contiguous) and are specified as: 1) six inpatient months, 2) three months of outpatient clinical adult neurology, and 3) three elective months. Rotations in neuroradiology, neurophysiology, and neuropathology would count toward the last requirement, as well as neuropsychology, genetics, or other areas related to neuroscience. The RRC interprets this requirement broadly, with the stipulation being they are adult- and clinically-based.

The *resident evaluation* requirement now includes five first-time patient encounters under direct supervision with the criteria as set forth by the ABPN (neuromuscular, neurocritical care, neurodegenerative, outpatient, and adult patients; one patient must be under two years of age); two must be successfully completed by the end of the second year of neurology training and all must be completed before the final month of the 36-month training period.

The *program evaluation* mandates that at least 75% of graduates taking the ABPN board certification examination pass and, in programs with fewer than five graduates in the past five years, at least 75% of the last five graduates to have taken the examination must pass.

Curriculum Development

A committee chaired by Pat Crumrine has established a working document of a milestones-based approach for child neurology training following a meeting convened in August. The milestones use a taxonomic approach progressing from basic to intermediate to advanced levels of proficiency and entrustable professional activities. The adult neurology milestones curriculum served as a template and the child neurology document looks extremely well done and will

continued on next page

Professors of Child Neurology Board of Directors

Phillip Pearl, MD
President (2012-2014)

Bruce Cohen, MD
Past-President (2012-13)

Suresh Kotagal, MD
Secretary-Treasurer
(2012-2016)

Paul Larsen, MD
Councillor (2011-2013)

Amy Brooks-Kayal, MD, PhD
Councillor (2012-2014)

David Urion, MD
Councillor (2013-2015)

be presented by Drs. Crumrine and Urion at the PCN meeting. Along similar lines, we have been collecting content-based goals from the contributors to Dr. Rust's special edition of the *Seminars in Pediatric Neurology* covering "Training of the Child Neurologist in the 21st Century" and plan to edit these as a foundation of what a child neurology resident is expected to know by the end of training. We anticipate linking these areas to cases that have been presented on the CNS Case Sharing Website and future cases to be developed.

Department "Home Base" for Child Neurology Programs

A question raised this year by at least two programs was related to the optimal placement of child neurology programs in pediatric versus neurology departments. It is likely that each institution has its own unique situation, as "all politics are local," but the Executive Committee decided to pursue this investigation via an e-survey to assess the status of child neurology programs in terms of academic and financial lines of authority, and to solicit input and opinions from members suggesting what would be ideal. Amy Brooks-Kayal spearheaded this project and we anticipate presenting these results at the fall meeting.

Blue Bird Circle Award

Gary Clark and the Baylor group led the effort to create and fund a Blue Bird Circle Award to recognize outstanding educators in child neurology. The criteria for the award were

drafted jointly between the PCN and CNS and were:

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

I thank Bruce Cohen for agreeing to chair this year's selection committee, and the very able committee members (Amy Brooks-Kayal, Leon Dure, Barry Kosofsky, and Suresh Kotagal) who carefully reviewed truly comprehensive and formidable nomination packages for six excellent nominees. The inaugural awardee chosen is Harvey Singer. In selecting Dr. Singer, the committee took particular note of his 23-year tenure as Chair of the Division of Child Neurology at Johns Hopkins Hospital where, in addition to training over 50 child neurologists, he has distinguished himself as a leading expert on Tourette syndrome and other movement disorders. Dr. Singer is a past-President of the Professors of Child Neurology, and currently serves on the CNS Executive Committee as Secretary-treasurer. He was the driving force behind implementation of the San Francisco Match and, in the past year, the successful transfer to the National Resident Matching Program.

"The PCN Meets in Austin from 2:00 pm – 5:00 pm, Wednesday, Oct. 30: be there and be heard!"

CHILD NEUROLOGY SOCIETY Awards Committee Update

BY NIGEL BAMFORD, MD, PHD

The Child Neurology Society will recognize six members at the 42nd Annual CNS Meeting in Austin, TX with the presentation of the following awards:

CNS Lifetime Achievement Awards

- Presented to **Arthur Rose, MD** on Thursday morning, October 31
Introduction by Radha Giridharan MD
- Presented to **A. David Rothner, MD** on Thursday morning, October 31
Introduction by Gerald Erenberg, MD

CNS Philip R. Dodge Young Investigator Award

- Presented to **Peter T. Tsai, MD, PhD** (with lecture to follow) on Friday morning, November 1
Introduction by Mustafa Sahin, MD, PhD

CNS Bernard Sachs Award

- Presented to **Tallie Z. Baram, MD** (with lecture to follow) on Friday morning, November 1
Introduction by Amy Brooks-Kayal, MD, PhD

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

- Presented to **Douglas Postels, MD** on Friday morning, November 1
Introduction by Alma Bicknese, MD

CNS Hower Award

- Presented to **John Bodensteiner, MD** (with lecture to follow) on Saturday morning, November 2
Introduction by Michael Shevell, MDCM

Those honored were selected by the CNS Awards Committee and subsequently approved by the CNS Executive Committee. The CNS Awards Committee is composed of nine standing members plus chair (6-year terms) and three Young Investigator Awardee members (3-year terms). The committee membership draws from a breadth and depth of seniority and experience in pediatric neurology, and the constant influx of the prior three Young Investigator Awardees provide a fresh outlook each year.

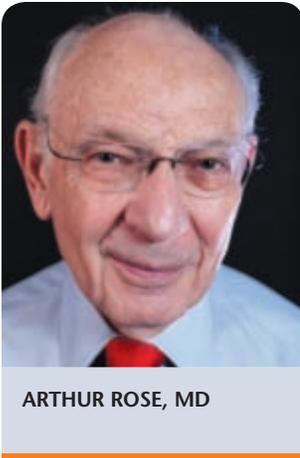
The Awards Committee meets at the CNS Annual Meeting to consider nominations for the following year's Sachs, Hower, Lifetime Achievement, and Gold Humanism in Medicine Awards submitted by members of the Child Neurology Society. All CNS members are encouraged to submit nominations (the deadline for submitting nominations for 2014 awards was October 15). Application deadline for the 2014 CNS Philip R. Dodge Young Investigator Award is April 1, 2014.

Profiles of this year's award recipients, featured on pages 12-25 and on display outside the meeting rooms on the ballroom level

Other Awards to be Given at the 42nd Annual CNS Meeting

- **ACNN Claire Chee Excellence in Child Neurology Nursing Award**
Presented to, Cheryl Fischer, RN on Friday, November 1
- **Bernard J. D'Souza International Fellowship Award**
Presented to Samson Gwer, MBChB, MRCPCH on Thursday, November 1
Introduction by Agustin Legido, MD, Chair, CNS International Affairs Committee
- **Blue Bird Circle Training Program Director Award**
Presented to Harvey Singer, MD on Friday, November 1
Introduction by Philip L. Pearl, MD
- **CNS Bhuwan Garg High School Neuroscience Award**
Presented to Anna Thomas on Friday, November 1
- **CNS Outstanding Junior Member Awards**
Anuja Jindal, MD
Archana Patel, MD
Pilar Pichon, MD
Mark Schomer, MD
Mitchel Williams, MD
- **M. Richard Koenigsberger Scholarship**
Louis Dang, MD
- **Child Neurology Foundation Awards**
Presented on Friday, November 2

CNS Lifetime Achievement Award



ARTHUR ROSE, MD
(Presented Thursday, October 31)

PROFILE WRITTEN BY ROBERT S. RUST, MD

Arthur Rose was born in Krakow, Poland. His father was a lawyer who had served as an officer in the Austrian army during the First World War. His mother worked as a businesswoman in her family's industrial complex. The idyllic privileged childhood and education enjoyed by Rose and his sister were desolated by the Nazi invasion of Poland in 1939 and the ensuing death in the Holocaust of his parents, nine uncles and aunts, indeed, much of the rest of his family. The lives of Arthur and his sister were saved by an elderly couple who concealed their Jewish heritage and cared for the children on their farm for several years as if they were their own. Arthur applied himself to educating his sister. Formal education of both children resumed in Krakow at the end of World War II, but confronted by continued anti-Semitism in Poland, they move to London, where they resumed their formal education. At age 16, Arthur was apprenticed to the international fur trade. A different ambition, however, was inspired by the example and the intervention of two other Polish refugees in London: an uncle who was a gynecologist, and a family friend who was a urologist. Rose set himself diligently to the task of acquiring the fundamental scientific foundation that permitted him to apply to medical schools. This preparation earned him acceptance for medical training at Bristol University, as well as a scholarship. Many years later, in gratitude to Bristol, Dr. Rose would establish a system and provide funding for an exchange program between Bristol and the SUNY Downstate Medical Schools for medical students interested in child neurology.

Exposure to neurology was slight during Rose's seven years of medical school and internships, and he initially committed himself to pediatrics as well as to an academic career. A year as senior pediatrics house officer in London was followed by appointment in 1959 to Sydney Gellis' famous Pediatric Service at Boston City Hospital. Pediatrician, Dick Hoefnagel and neurologist, Jim Austin, discoverer of metachromatic leukodystrophy,

proved influential in the decision to become a child neurologist.

While at Harvard, Dr. Rose also regularly attended the Saturday neurology teaching rounds of Derek Denny-Brown and was influenced by Neurology resident, Sid Gilman. In 1961, Dr. Rose entered the Boston Children's Hospital Child neurology training program, where Randy Byers proved an extraordinary role model, especially concerning the manner in which a history is taken, how to listen, and how to examine children without their knowing they were being examined, all skills for which Dr. Rose himself would become renowned. Particularly valuable to his career development were the program's clinical and research concentrations on neonatal neurology, the studies of cerebral palsies directed by Richmond Paine, others concerning developmental and behavioral disorders, the epilepsy program under the direction of Cesare Lombroso, and the neurosurgery service under the direction of Donald Matson. Abner Wolf played an important role in attracting Dr. Rose's interest to neuropathology. Systematic training in clinical neuropathology was attained under the famously rigorous direction of Betty Banker. Dr. Rose regularly attended the Harvard integrated neuroscience course that afforded him exposure to what he terms the "scientific and clinical riches" dispensed by Ray Adams, E. P. Richardson, Paul Yakovlev, Randy Byers, Maurice Victor, Richmond Paine, Alan Crocker, and Richard Sidman. Dr. Rose found the Saturday patient demonstration rounds of Phil Dodge to be particularly marvelous.

Dr. Rose's first formal research efforts were undertaken during his child neurology training and included several studies of pseudotumor cerebri, and the results of a treatment trial for epilepsy with furosemide. However, the landmark achievement of the earliest phase of Dr. Rose's scientific career was a longitudinal study of the clinical, electroencephalographic, and neuropathological study of 137 full-term neonates that manifested neonatal seizures – 118 subsequently followed for an average of four years. The remarkably valuable prognostic

To Dr. Rose, child neurology was a comprehensive passion, including...complex metabolic processes and acquired neurologic injuries...understanding and management of cognitive and behavioral disorders, as well as the social and psychiatric aspects of the function of children.

observations of this careful study enabled families accurately to be informed about the outcome for their children upon the basis of their clinical course and evaluation as neonates. This 1970 paper, subsequently cited 235 times, has stood the test of time for more forty years. In Boston, Dr. Rose met and married his first wife, Ann Maguire. The young couple moved to Montreal, where Ann completed her Masters in Medical Social Work, while Dr. Rose completed a year of additional clinical and neuroscientific training under the faculty of the Montreal Neurologic Institute, including Wilder Penfield, Herbert Jasper, Pierre Gloor, Fred Andermann, and Brenda Milner.

In 1966 Dr. Rose was appointed Registrar under John Walton at the Regional Neurological Center at Newcastle-on-Tyne. Walton proved a mentor of considerable importance in Rose's development of interest in inflammatory neuromuscular diseases. During his year with Walton, Rose completed and published as first author a number of classic papers. These included a study of the treatment and prognosis of 89 cases of polymyositis (182 citations to date), demonstration of circulating antibodies in polymyositis (45 citations to date), as well as an early investigation of the ultrastructural pathological characteristics of polymyositis. Continued interest in this disorder would lead to a longitudinal study of the immediate and long-term efficacy of corticosteroids in the treatment of polymyositis that Rose published in 1974 (45 citations to date). The significance of such high rates of citation must be placed within the context of the fact that most published scientific and clinical papers are never cited. Professor Walton also proved an important influence on Rose's professional development, exemplifying in particular organizational skills and focus that would valuably amend Dr. Rose's approach to professional activities. Dr. Walton also arranged for Dr. Rose to spend a year on the Queen's Square neurology service. In 1973, Dr. Rose was recruited by Henry Schutta to become Director of the Division of Pediatric Neurology and to initiate a child neurology training program at the Downstate Medical Center in Brooklyn. The program was associated with the New York Institute for Basic Research in Developmental Disabilities, directed by Dr. Rose's Einstein collaborator, Dr. Henryk Wisniewski; this was also the site of Krystyna Wisniewski's important clinic for rare diseases. Other faculty members included Roger and Joan Cracco, and Dr. Stanley Lamm, a great and visionary pioneer in the rehabilitation of individuals with chronic neurological diseases arising in childhood, whose long-overdue biography would be written by Dr. Rose in 2005. To Dr. Rose, child neurology was a comprehensive passion, including not only complex metabolic processes and acquired

neurologic injuries. He also placed emphasis on the importance of contributing to the understanding and management of cognitive and behavioral disorders, as well as the social and psychiatric aspects of the function of children.

Under the leadership of Dr. Rose and the intelligent support of Dr. Schutta, the Downstate program was able to apply the contributions of a remarkable collection of critical thinkers and "doers of the right things" to establish an outstanding clinical and educational program based in neuroscience. One aspect of this program, as had been the case at Einstein, was particular devotion to providing for the neurological care of and neuroscientific investigations pertinent to the care of an extraordinarily large and concentrated population of socially and economically deprived individuals – many, recent immigrants – with neurological diseases. The program regularly introduced innovative approaches to training not only pediatric and adult neurology residents, but medical students as well in child neurology. Not surprisingly, Downstate regularly demonstrated the capacity to train several excellent child neurologists each year, turning out 43 excellent child neurologists pursuing careers in academic (10), research, and private practice throughout North America; eight other Downstate trainees went on to assume parallel positions abroad. During his entire career he has contributed to the formal education of nearly one-hundred trainees in child and adult neurology, as well as in pediatrics.

Dr. Rose was one of the founders of the Child Neurology Society and of the Professors of Child Neurology, assuming a leadership role in both in the establishment of training guidelines for child neurology. He was the Founder and in 1978 the first President of the Child Neurology Society of Metropolitan Tri-State Area, an organization that played an important role providing a venue for the social, clinical, and scientific meeting of resident and attending physicians from New York, New Jersey, and Connecticut. In all of these venues, he has demonstrated a quiet and modest demeanor, along with the wisdom, vision, passion and commitment to the future of our subspecialty.

After twenty years directing the Downstate Child Neurology Program, Dr. Rose elected to resign that position to pursue further training in genetics and molecular biology, concentrating particularly on studying the function of the FMR1 protein and the manner in which its deficiency leads to the Fragile X clinical phenotype. Dr. Rose has continued to pursue lifelong personal interests outside of medicine, including tennis, skiing, reading in history and historical biography, the enjoyment of impressionist art, travel, and his family. Dr. Rose's daughter has been as a professor of English literature and novelist, while his son has pursued a career as an investment banker.

CNS Lifetime Achievement Award



A. DAVID ROTHNER, MD

A. DAVID ROTHNER, MD
(Presented Thursday, October 31)

PROFILE WRITTEN BY ROBERT S. RUST, MD

A. David Rothner was born in Chicago, Illinois. He received an A.B. degree from Yeshiva University in 1961 and was granted his medical degree by The University of Illinois in 1965. During medical school he decided to become a pediatrician. Experiences with handicapped children during his pediatrics residency aroused his strong and persistent interest in helping such children. His decision to become a child neurologist was influenced by the examples provided by Abraham Levinson and Gerhard Nellhaus. Chicagoan Seymour Diamond played an important role in interesting Dr. Rothner in headache. After training in pediatrics for two years at Presbyterian-St. Luke's Hospital in Chicago, Dr. Rothner's completed his senior pediatrics residency at Babies Hospital, Columbia Presbyterian Medical Center. A two year tour of duty as a Major in the Pediatrics Department of Irwin Army Hospital, Fort Riley, Kansas was followed by training in neurology and child neurology with an NINDB Fellowship at the Neurological Institute of New York (1971-1973).

The roster of those influencing Dr. Rothner's career path is truly remarkable. At Columbia, Niels Low, Arnold Gold, Abe Chutorian, and Hans Luders figured importantly in Dr. Rothner's training in epilepsy, as did Fritz Dreifuss of the University of Virginia. Professors Gold and Chutorian served as models of critical thinking, as did Sid Carter. The combination of Gold, Low, and Carter provided as potent a triumvirate of excellent mentors in the approach to diagnosis and management of degenerative neurological diseases as could be found anywhere at any time. William Silverman at Columbia influenced Dr. Rothner's interest and approach to neonatal neurology, as did fellow resident, Dick Koenigsberger.

Another contemporary resident, Mike Painter, also proved a valuable influence on Dr. Rothner. Melvin Yahr and Gerald Erenberg awakened Dr. Rothner's career-long interest in movement disorders – particularly Tourette syndrome. Sid Gilman was an influential mentor in the area of cerebellar and spinal cord function. Martha Denkla has influenced Dr. Rothner's interest in behavioral and learning disorders. Biologist Rabbi Moses Endler of Yeshiva University was to prove very important in Dr. Rothner's approach to ethical issues in medicine. Other important influences on Dr. Rothner's practice have been Fred Andermann, Joseph Volpe, and Peter Huttenlocher.

Upon completion of formal training, Dr. Rothner accepted an appointment as Chief of the Section of Child Neurology at the Cleveland Clinic Foundation, where he has remained for forty years, including 26 years as Chief of the Child Neurology Section. In 2005 he was appointed Vice Chair of the Division of Education and Chair of Patient Education, positions he held for four years.

Dr. Rothner's particular concentration early in his career was epilepsy. He has, to date, been engaged in 55 studies of treatment trials, co-authored thirty-four peer reviewed papers, and written thirteen chapters concerning epilepsy. His most highly cited paper concerning epilepsy surgery has been cited 140 times; next highest on the list are papers addressing valproate (one concerning pancreatitis, another concerning the occurrence of asymptomatic hyperammonemia). Highly cited studies of epilepsy concern the value of subdural electrodes in evaluating children for epilepsy surgery, psychogenic seizures, the effectiveness and safety of lamotrigine, and dystonic posturing as a manifestation of partial temporal lobe seizures.

The first of thirty-nine peer-reviewed papers on childhood headaches – another area of

concentration for which Dr. Rothner is well-known – was published in 1978. Dr. Rothner has organized or engaged in 25 research protocols concerning headache and has written 22 excellent chapters and reviews on this subject, including contributions to the establishment of diagnostic criteria for childhood migraine, the efficacy of various forms of treatment, and brain imaging of children with migraine. Dr. Rothner was an early and quite valuable participant in improvement of understanding of concussive brain injury. Eleven original papers concern movement disorders, an interest that led Dr. Rothner to organize five formal movement disorder research projects. Ten peer-reviewed papers concern movement disorders, particularly Gilles de la Tourette syndrome (GDLTS). His 1986 summary with Gerald Erenberg of 200 pediatric cases has been cited 72 times. His most highly cited movement disorder paper concerns paroxysmal choreoathetosis. Ten papers focus on neurocutaneous diseases. Characteristically, Dr. Rothner's approach is both disciplined and practical, showing the benefit of the considerable experience of a highly observant physician. The remainder of Dr. Rothner's total of 77 peer-reviewed original papers, 47 review articles, 38 chapters, and 28 thoughtful and valuable contributions to the popular press address topics that concern almost the length and breadth of child neurology. Among the remainder of his most highly cited are papers concerning Miller Fisher syndrome, Eaton-Lambert myasthenic syndrome, thalamic dementia, and childhood syncope.

The combination of Gold, Low, and Carter provided as potent a triumvirate of excellent mentors...as could be found anywhere at any time.

Dr. Rothner has served on advisory boards of societies devoted to improved care of six different families of illnesses. He has, throughout his career, been an extraordinarily active teacher of medical professionals at all levels, as well as the public, including both parents and children. Beyond the content taught in all of these settings concerning diseases and treatment, he has passed on to his many proteges two seminally important tools or traits: the importance of maintaining healthy doubt concerning much that is "said to be true," and the value of learning to say "I don't know." His unceasing intellectual honesty and reflex forthrightness, make him a most constructive critic. As is true of most child neurologists, his relations with others is deeply enriched by his kindness and consideration. Bruce Cohen recalls that Dr. Rothner's response to hearing of the death in Sudan of the father of one of his fellows was to take out his wallet. Dr. Cohen notes how remarkable it is that Dr. Rothner has demonstrated a ceaseless capacity to care about everyone, extending that care to telling difficult truths, such as telling parents forthrightly how, despite their undoubted best intentions, they may be preventing the improvement in their child's chronic headache or other problems. Dr. Rothner's interests outside of medicine include religion, antiques, and art. As is often, perhaps even necessarily true of someone who always strives to do the right thing, he both recognizes the ways in which achieving a balance among interests is at times difficult and offers to students and colleagues alike a model for emulating how it might, nonetheless, be done. Asked to list his chief qualities, those who know him well might cite his ever-pleasant persona, devotion to duty, and inspiring moral rectitude. Those who know him best would put it more simply and directly: he is a *mensch*.

Philip R. Dodge Young Investigator Award



PETER T. TSAI, MD, PHD

PETER T. TSAI, MD, PHD
(Presented Friday, November 1)

PROFILE WRITTEN BY
MUSTAFA SAHIN, MD, PHD

Peter Tsai, MD, PhD, the 2013 recipient of the Philip R. Dodge Young Investigator Award, has been immersed in science from early in life. With two accomplished developmental biologists as parents, Peter was involved in research projects as a child. He recalls learning to run cesium chloride gradients and polyacrylamide gels with his parents. In addition, during high school he worked on projects involving migratory patterns of arctic squirrels with Brian Barnes at the University of Alaska, and on satellite imagery with Jobea Way at the Jet Propulsion Laboratory at the California Institute of Technology. These led to his love of Alaska, a state that he has visited several times since.

Following high school, Peter attended Harvard University. Despite his parents' cautionary advice, Peter's interest in science continued to grow. During his college career, he spent two summers working in Dr. Hugo Bellen's laboratory at Baylor taking part in a P-element mutagenesis screen, which resulted in a manuscript in *Genetics*. For his undergraduate thesis, he chose the laboratory of Dr. Li-Huei Tsai, then at Harvard Medical School, and studied the expression pattern of p39, a regulatory subunit of cdk5, in the developing mouse nervous system. As a result, he earned his Bachelor's degree in the Biochemical Sciences from Harvard University, *magna cum laude*.

Peter then joined the MD/PhD program at the UCLA School of Medicine. There, he worked with Dr. Hong Wu on two different projects. His Ph.D. thesis focused on characterizing the role of FOXN1 in thymic epithelial differentiation and the roles of BMP4 and FGF7/10 in thymopoiesis. His results were published as a first author paper in the journal, *Blood*. In addition, he characterized novel roles for the erythropoietin receptor in neuronal development and neuroprotection from ischemia. This led to a first author publication in the *Journal of Neuroscience*.

After completing his MD/PhD training, Peter did a pediatrics residency at Boston Children's Hospital and joined the Department of Neurology as a pediatric neurology resident in 2007. As a result of caring for patients with autism, he developed an interest in the role of the cerebellum in cognition and social behavior and in the roles for cerebellar dysfunction in neurodevelopmental disorders. This latter focus led to the development of the Cerebellar Disorders Clinic that Peter started and currently directs. At the same time, he sought to examine the role of the cerebellum in higher cognitive function using mouse models, and joined the lab of Dr. Mustafa Sahin using TSC a model.

The combination of his basic science and clinical training, his character, and passion for his work make Peter an outstanding role model for child neurology trainees everywhere.

In the Sahin lab, Peter generated a conditional knockout of the *Tsc1* gene specifically in Purkinje cells, and found that these mice display autistic-like features, which can be prevented by mTOR inhibition. This study provided the first direct proof that the cerebellum is involved in the neural circuitry underlying autism and was published this summer in the prestigious journal, *Nature* with Peter as first author. The fact that

Peter dove into basic science after a long hiatus and quickly generated important data published in a high-impact journal illustrating his dedication to investigation and organizational skills, originating from very early in his life.

Peter has also established himself as an excellent team member and collaborator both in the clinic and in the lab. He has had many productive collaborations including with Dr. David Kwiatkowski's lab in characterizing the first allelic series of a Tsc2 mouse model. He also collaborated with Dr. Simon Warfield's laboratory investigating the volume of cerebellum in TSC patients using MR imaging. Both of these studies have led to publications in *Human Molecular Genetics* and *Pediatric Neurology*, respectively. On a more personal note, Peter is always optimistic, unselfish, cheerful with a great sense of humor. Outside of medicine and science, Peter's life revolves around his family and his two children, who are 6 and 4 years old. Although it may seem incredible, based on his slender physique, he also has a deep enjoyment of food and loves to cook and eat.

Based on his creative ideas and hard work, Peter received a Clinical Research Training Fellowship from the American Academy of Neurology. This year, his application for a K08 award was funded by the NINDS on the first try. The combination of his basic science and clinical training, his character, and passion for his work make Peter an outstanding role model for child neurology trainees everywhere. There is no doubt that this year's recipient of the Philip R. Dodge Young Investigator Award has the experience, determination, and creativity to make significant contributions to child neurology and autism research.

Q&A With "Retiring" CNS President E. Steve Roach, MD

continued from page 2

6. What advice would you give to a graduating medical student, who is just entering the field of child neurology?

I like to think that we are all students; at least this is true for those of us who continue to learn and to question the dogmas that we share. I give the same basic advice to students wrestling with a specialty choice and to residents deciding on a specific career path.

I tell them to find an area in medicine that they love and consider important, and then to pursue it with all the energy and passion they can muster. As difficult as medicine can be sometimes, it still offers challenging work, the opportunity to help other people, and the satisfaction of lifelong professional relationships. Considering the amount of time most of us spend working, finding a discipline that will sustain our interest over a lifetime is critical.

7. In light of the deficit of child neurologists nationwide, how can we attract more young people into the field of child neurology?

Actually, based on the match program data, the number of physicians entering child neurology seems to have increased in the last few years, so the news isn't all gloom and doom. And the fact that demand for our services keeps increasing isn't totally bad either; rising demand at least validates that our knowledge and skills are valued by colleagues and families. Of course we still need additional child neurologists, and we need bright, highly committed individuals who will become the future leaders of our field. But we have two huge assets: a vibrant field of study and a cadre of committed, passionate child neurologists. To recruit more child neurologists, each of us should become an ambassador of the profession and share the excitement and passion we feel.

8. Are there any changes that the CNS should enact to better accomplish its goals?

The Society must adapt in order to meet the changing needs of its members, so our goals will continue to evolve. But just as it has become more challenging to fund research, education, and patient care, it has also become more difficult to fund professional societies, their annual meetings, and the ancillary projects that they support. To continue meeting our goals even during periods of economic stress, the Society needs to identify new revenue sources, maintain organizational efficiency, develop functional partnerships with other organizations, and build endowments to support specific projects. We have made considerable progress toward these objectives, but there is still work to be done.

9. Any final comments?

Isn't that what they ask people who are about to be executed? I want the Society members to know that serving as their President has been an honor and a privilege. I have worked closely this past year with President-elect Nina Schor, and I am impressed with her wisdom and leadership. We also have an excellent Board, and the Society's new Executive Director is doing a great job. The Society is in good hands.

Bernard Sachs Award



TALLIE Z. BARAM, MD, PHD

TALLIE Z. BARAM, MD, PHD (Presented Friday, November 1)

PROFILE WRITTEN BY ROBERT S. RUST, MD

Tallie Baram was born and grew up in Tel-Aviv, Israel. Her pre-collegiate education was in Tel Aviv and at the English school in Addis-Ababa Ethiopia. She obtained a BSc (Biology) at Tel-Aviv University. Her doctorate in neuroendocrinology, supported by a Bloom Fellowship and a research grant of the European Molecular Biology Organization, was awarded with distinction by the Weizmann Institute of Science in 1978 upon the basis of a thesis concerning neural control and fate of gonadotropin releasing hormone. Dr. Baram's academic distinction was marked by receipt of the highest award of the Weizmann Institute of Science. Her MD degree was granted two years later by studies at the University of Miami School of Medicine, supported by a Heim Weizmann Postdoctoral fellowship. Dr. Baram's career development, training in pediatrics and child neurology at Baylor, was particularly influenced by Marvin Fishman, Alan Percy, Rita Lee, and Ralph Feigin. Other mentors of note included O. Carter Snead, who played an important role in drawing her attention to epilepsy, Bob Snodgrass and Solomon Moshé, who contributed to the adaptation of her advanced neuroscientific skills to bench investigations pertinent to children with neurological diseases, and Wendy Mitchell and Shlomo Shinnar, who significantly enriched her training in clinical research. After completion of training her career path included two years at the University of Texas in Houston, and thirteen years at the University of Southern California. Since 1995 she has held the position of Professor of Pediatrics, Anatomy and Neurobiology and Neurology at the University of California, Irvine, where she also holds the Danette Shepard Chair of Neurological Sciences and is Director of the Epilepsy Research Center.

Dr. Baram has pursued a remarkable degree of extraordinarily productive concentration

on many important and complex topics related to vulnerability to epilepsy in childhood, only a few of which can be characterized here. For example, the Baram laboratory has elegantly identified a major neurometabolic that protects the developing brain from excitotoxic cellular injury and associated epileptogenesis in the wake of cerebral energy failure. This study, cited more than 130 times, demonstrated that neonatal, as compared to mature brain, is enriched in mitochondrial uncoupling protein-2 (UCP-2) and that the degree of UCP-2 enrichment is a function of the degree to which diet is contains fat-rich maternal milk. The resilience that this imparts appears to be related to reduction in the accumulation of reactive oxygen species and inadequate calcium sequestration. Dr. Baram's concern with the manner in which nature and nurture influence vulnerability has included the effect of handling of pups on genes that regulate hormonal and behavioral responses to stress. It was shown that this effect was associated with reduction in corticotropin releasing hormone (CRH), but increases in glucocorticoid receptor levels. The study design and results represent just one of many examples of how the Baram laboratory has meticulously demonstrated the manner in which a wide variety of experiences at particular developmental ages may result in what Dr. Baram has termed functional "hippocampal sculpting" – developmental changes that may improve or detract from function within a given context. The careful experimental design takes into consideration the important fact that the definition of the vulnerability of the developing brain to epilepsy is something of a developmentally determined "moving target."

Particular attention has been devoted by Professor Baram to defining the vulnerability of developing brain to two forms of characteristically childhood- onset seizures: 1) febrile seizures and their relationship to the subsequent development of childhood-onset temporal lobe epilepsy, and 2) infantile spasms. The Baram laboratory was the first to identify an age-related vulnerability of

hippocampal dentate gyrus granule cells to hyperthermia-related modification of their nucleotide gated channels that resulted in activation/ hyperpolarization without associated cell death. In this modified state, spontaneous seizures occurred. This transition in cellular function was associated with the appearance of T2-bright imaging changes imaging changes not only in the hippocampus, but also in non-hippocampal sites relevant to the subsequent development of temporal lobe epilepsy. The novel observation provided a model pertinent not only to the epileptic aspects of temporal lobe sclerosis, but also to possibly associated disturbances of learning, memory, and perhaps other behaviors. Dr. Baram and her colleagues have also devoted considerable attention to advancing understanding of the pathophysiology of infantile spasms. They were the first to identify the involvement of stress-responsive corticotrophin releasing hormone in the development of relevant seizures in rat pups. As an endocrinologist, Dr. Baram directed further highly influential work at two questions: the role that stress might play in epileptogenesis and the efficacy of maternal alleviation of stress in preventing that process.

An astonishing number, range, and depth of valuable observations have been generated in the Baram laboratory. The productivity likely represents another form of “sculpting” – the manner in which Dr. Baram has attracted, influenced, and guided a very large cadre of young investigators to participate in her studies. She is widely known as an extraordinary mentor, possessing skills that she exerts not just locally, in her own laboratory and medical school, but nationally and internationally. Her papers exhibit her capacity for thoughtful construction of hypotheses and designs for related investigation. Twenty-nine major grants attest to the importance granting agencies have attached to her work and have enabled her mentoring of 49 graduate students and 32 medical students and undergraduates. She is Chair of the NIH Study Section on Developmental Brain Disorders and serves as a Trustee of the Lennox-Lombroso Trust that plays a very important role in funding epilepsy research of the highest quality. The impact the Baram laboratory has had is evident in the number of publications and noteworthy scientific presentations it has spawned, including 155 original papers, two-thirds of which are relevant to the themes noted above. The impact of this

She is widely known as an extraordinary mentor, possessing skills that she exerts not just locally, in her own laboratory and medical school, but nationally and internationally.

body of original observations is represented by the fact that the total number of citations to date is 6,763. Forty-three papers have been cited more than 50 times, 17 more than 100 times. Dr. Baram’s impact is further represented by the fact that she has delivered 169 national or international invited lectures and has organized 26 international symposia.

This summary has not touched upon a dozen or more additional important questions to which the beautifully designed and executed research and elegantly written papers completed by Dr. Baram and her colleagues have provided answers and have disclosed novel mechanisms for further research, including some that may advance understanding of the opportunities and restrictions on neural plasticity, or characterization of the function of novel factors such as the role of neuron-restrictive silencing factor in temporal lobe epilepsy. Interest in the role that stress and the alleviation of stress may play in the development of epilepsy and the ensuing function of the individual has placed emphasis on elements that are pertinent to psychology and psychiatry.

For more than a century, neurology and psychiatry have not always shared the same scientific basis in their approach to the establishment of pathogenesis. Dr. Baram’s example and achievements suggest that this gulf may be narrowed. There is such a thing as scientific personality. Dr. Baram’s seems to be composed to a considerable extent of the fundamental character of the scientist: an intense motivation meticulously to answer interesting questions and having done so to extend the newly established observation into even more interesting observations that provide a wider context in which successive observations might be placed – such as the effect that maternal care may have in protectively influencing synaptic and neural network responses to perturbation. The personality appears also to be considerably enriched with stamina. She is able to formulate her questions in a manner that is attractive not only to sponsors, but to the large cadre of persons she has attracted to become engaged in research – whether with her or with someone else. She has something of a missionary zeal in terms of converting those who come to her with an interest in being a scientist to persons who actually become scientists. There have been others in our history who have had this a rich mixture of mission, capacity, and vision. Some of their names were Monakow, Sherrington, and Eccles. As can be seen, Dr. Baram is widely engaged. She is also married, to Craig Paul LaFrance. And she has other loves – classical music and mediaeval French history.

Blue Bird Circle Training Program Director Award



HARVEY SINGER, MD

HARVEY S. SINGER, MD
(Presented Friday, November 1)

PROFILE WRITTEN BY PHILLIP L. PEARL, MD

Harvey Saul Singer, M.D., originally from the Bronx, grew up surrounded by large apartment buildings against which he avidly played stickball, the start of a remarkable athletic, and scholarly, life. At age 12 his family moved to Long Beach, Long Island, then touted as, "America's Healthiest City." He excelled in scholarship and athletics, having been the captain of his high school football and basketball teams. His basketball coach knew the football coach at Oberlin College, which led to his attending this excellent liberal arts school on a work-scholarship program where he became the captain of the college football and baseball teams.

After graduating Oberlin (BA 1962) with a zoology major, Dr. Singer attended the Western Reserve University School of Medicine, now "Case Western" (MD 1966). He took his pediatric internship at the University of Illinois, Research and Educational Hospital 1966-1967, followed by pediatric residency at the Cleveland Metropolitan General Hospital 1967-1970. Robert Eiben, consummate child neurologist, was a strong influence. Harvey served as a pediatric chief resident at Case from 1969-1970, a pivotal year because one of the other chiefs was sufficiently clinically oriented that Harvey could work in the laboratory of Irwin Schafer. There his team described leucocyte beta-galactosidase deficiency in GM1 gangliosidosis. This was the germination of an investigative interest in child neurology, where his clinical proclivities were leaning.

Dr. Singer served from 1970-1972 as Major in the U.S. Army in Fort Knox, KY and then sought a training position in child neurology. In characteristic understatement, he explains that the choices then were heme-onc which didn't seem so appealing, cardiology but he wasn't good at hearing murmurs much less heart sounds, and then neurology. After driving from Durham for a Duke interview to inner city

Baltimore, he fondly recalls his wife's comment, "We're not coming here." But the Hopkins program was sold to the young Singer couple by John Freeman and Guy McKhann, and they never left. Dr. Singer was a Hopkins pediatric neurology resident from 1972-1975 and then joined the faculty in 1975. He was promoted to full professor in 1988, no small achievement in that system, and was named the Haller Professor of Pediatric Neurologic Disorders in 1997. He has received numerous honors, awards, and visiting Professorships, and served on numerous Hopkins committees including the Appointments and Promotion Committee from 1992-2005, including chairmanship from 1997-2005.

His academic focus has concentrated on movement disorders, to which he credits Ian Butler, who generously shared the ideas and work when they were colleagues in Baltimore before Dr. Butler relocated to Houston. Donald Price was a particularly inspirational figure at Hopkins, and the neurochemistry laboratory of Joe Coyle was pivotal in initiating Dr. Singer's own laboratory. Dr. Singer has investigated and reported on many aspects of movement disorders, in particular Tourette syndrome and developmental stereotypies. He has reported on clinical symptomatology, outcome, comorbidities, therapies, genetics, and underlying biological mechanisms of tics including neuroimmunology, volumetric imaging, positron emission tomography, and biochemical analysis of postmortem tissue. He has been actively engaged in questioning and researching immunological bases for PANDAS and autism, with the recent coinage along with colleagues of the term CANS, or Childhood Acute Neuropsychiatric Syndrome, a helpful term to operationalize the spectrum of disorders in this umbrella and push the field forward. He characteristically demurs, however, when asked to describe his most important papers and contributions, citing that he has been in a place that has provided great collaborators and opportunities.

Dr. Singer has been a prominent figure on the national scene, having served as an ABPN

What is particularly striking is how his trainees consistently describe their initial encounters with Dr. Singer as profound and lasting in the sincerity and dedication he devoted to their careers.

examiner, AAN Course Director and Child Neurology Executive Committee member (as Secretary-treasurer), and Section Councilor, and fully seven committees of the Child Neurology Society. He was President of the Professors of Child Neurology (2002-2004) during the tumultuous time of the creation of the match, which evolved from a lively debate to a mandate foisted upon the PCN as long as fourth year medical students were going to be accepted into child neurology. Dr. Singer essentially organized the child neurology San Francisco match the best fit at the time, and later made the transition to the NRMP match when the SF match could not meet the needs of the specialty. Dr. Singer continues to serve as chairman of the CNS-PCN Match Committee.

Dr. Singer has been a longstanding true triple threat, with bona fide credentials and expertise in clinical excellence, education, and research, including translational and bench work. He was the Training Director for the Neurological Sciences Academic Development Award (NSADA) at Hopkins that began in 1993 and which enabled the careers of so many promising and ultimately successful academic child neurologists. He has been a prolific contributor to the medical literature, with 206 original articles, 74 chapters, and lead authorship on two books which are co-authored with either prior trainees or colleagues in movement disorders.

It is fitting that Harvey Singer is the inaugural awardee of the Blue Bird Circle Training Program Director Award, which was generously created to honor child neurology program directors that have been important mentors and inspirational leaders to the next generations of child neurologists. The input of Dr. Singer's own trainees supports his selection beyond doubt. Dr. Singer directed the child neurology residency program at Hopkins for two decades, from 1991-2011, and oversaw the training of over thirty child neurology residents during that period.

What is particularly striking is how his trainees consistently describe their initial encounters with Dr. Singer as profound and lasting in the sincerity and dedication he devoted to their careers. Anne Comi, MD at Hopkins and Kennedy Krieger wrote: "I first met Harvey at my interview for a child neurology residency at Johns Hopkins. Harvey recognized my commitment to research and I was able to take full advantage of all these resources and supports, both while in residency and afterwards as a recipient of the NSADA award."

Eric Kossoff, MD, current training program director at Hopkins, wrote: "I have known Dr. Singer since 1996 when I first interviewed for a position in the training program. Dr. Singer is a remarkable leader and mentor. Ever since my first day as a fellow, he has been incredibly supportive and his door is always open for advice about child neurology or life.

In the past few years since he stepped down as Program Director, I have often continued to ask him his opinion about best ways to advance the careers of our young trainees."

Adam Hartman, MD at Hopkins wrote: "I have known Dr. Singer since I applied to the Pediatric Neurology Residency Program over 10 years ago. What impressed me the most about our initial interview was a comment he made about how the purpose of the training program was to see me through all of my training, not just the three years of residency. Dr. Singer was true to his word. Dr. Singer also is known as one of the best bedside clinical teachers...it was a real treat figuring out which medicines would work best for which patients - learning at the hand of a master."

Lori Jordan, MD, PhD, now at Vanderbilt, wrote: "I first met Dr. Singer in 1998 when I was a visiting medical student rotating on the neurology inpatient service at Johns Hopkins. As a medical student, pediatric resident, and child neurology resident, I learned the practice of neurology from Dr. Singer. The passion, energy and intellectual curiosity with which Harvey approaches the practice of child neurology is inspiring. He has served as a visionary training director, teacher, and friend to generations of child neurologists."

Dr. Singer's advice for the next generations was solicited for this column; his humility bars him from offering it spontaneously. For those looking to train, he recommends identifying a place to stay beyond residency, with the goal of deciding on an area of interest and staying to foster a career. For those in mid-career, he recommends doing what one enjoys, whether it's clinical, translational, or bench work, in a place that enables one to continue to grow and flourish. His outside interests remain athletics, as he and his wife are avid bicyclists and have taken trails throughout Europe, New England, and their own favorites around Baltimore. His five grandchildren otherwise keep him traveling between Potomac, Maryland and Chicago. While stepping down as chief of the child neurology service at Hopkins two years ago, he otherwise continues as full-time faculty, continuing the clinical, investigative, and educational work.

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



DOUGLAS POSTELS, MD

DOUGLAS POSTELS, MD
(Presented Friday, November 1)

PROFILE WRITTEN BY
DANIEL J. BONTHIUS, MD, PHD

As adolescents, many of us dreamed of the kind of doctor that we would be someday: an adventurer who travels to distant lands to fight tropical diseases, a humanist whose patients love him for his compassion and wisdom, a gladiator who combats deadly pathogens in remote villages of destitute countries, a wizard who cures diseased children through wit and with only the barest of resources. Somehow, most of us ended up settling for jobs and careers that are less exotic, less generous, and, yes, less exciting than the ones we dreamed of in our youths.

But not Douglas Postels. Dr. Postels treats children in underserved regions around the world. He provides compassionate and life-saving care in places without running water and electricity. He conducts clinical research in field hospitals. He employs special translation systems to ensure communication with his patients. He teaches students and residents at home and across the globe. For these and other reasons, Dr. Douglas Postels is the 2013 recipient of the Arnold P. Gold Foundation Humanism in Medicine Award from the Child Neurology Society.

The first of his family to enter medicine, the young Douglas Postels graduated from Loyola University College of Medicine in 1988. While still a medical student, Douglas had his first taste of international medicine when he worked on the island of St. Lucia. Fascinated by the developing nervous system and the diseases

that afflict it, he was drawn to child neurology and received his residency training from the US Air Force at San Antonio and at Washington University.

For more than a decade after completing his formal training, Dr. Postels worked in a private group practice in New Orleans, followed by Albuquerque. In those locales, Dr. Postels had the opportunity to treat large numbers of ethnic and racial minorities, including American Indians, African American, Cajuns, and Hispanics. In those experiences, his humanism in medicine grew, as he learned that he could optimally treat people only when he understood their concepts of health and disease. During this period, he also had several stints in international medicine, as he led international teams of medical students and physicians to set up mobile clinics in Ladakh and Kashmir.

His experience in international medicine began in earnest in 2007, when he was awarded a travel grant from the World Federation of Neurology to teach for one month at the University of Malawi. The following year, he received the Child Neurology Society's International Visiting Professor Award, and he used this award to teach, once again, in Malawi. These experiences transformed him. He saw how desperate some regions of the world are for medical help and how anxious medical providers in the developing world are to learn modern medical approaches.

After 15 years of private practice, Dr. Postels resigned his long-standing position and devoted himself to healthcare in the developing world. As a Field Volunteer for Médecins Sans Frontières, he first travelled to Lubutu, in the Democratic Republic of

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the Congo. There, he treated everything, from common pediatric problems to desperately ill patients, and taught African physicians, not just pediatric neurology, but all aspects of pediatric and adult medicine.

After a long stint in the eastern Congo, Dr. Postels transferred to Port-au-Prince, Haiti, where he arrived nine days after a notorious and devastating earthquake. In Haiti, he lived in a mountainous region above Port-au-Prince, with no running water or electricity, and he spent his days assisting amputations of earthquake victims.

Three years ago, while working in rural Congo, Dr. Postels was recruited to the faculty of Michigan State University. A recent arrival to academics, he divides his time between the United States and sub-Saharan Africa (Ghana, Uganda, and Malawi), where he provides patient care, teaches, and conducts clinical research.

Dr. Postel's research focuses on cerebral malaria, a scourge that afflicts hundreds of thousands of African children, with high rates of mortality and morbidity. Of those children diagnosed with "cerebral malaria," as many as one-third are indeed infected with malaria, but have some other cause of their encephalopathy. Dr. Postel's research aims to identify those other causes.

Dr. Postel has learned that effective communication is key to the delivery of healthcare. Patients and doctors must understand each other. Whenever he has been confronted by a language barrier, he has set out to tear that barrier down by learning his patients' language. Thus, when working in New Mexico, he taught himself Spanish; and when working in the Congo, he learned medical Swahili. Currently, working in Malawi, he is not yet conversant in the native language of Chichewa. Therefore, he has devised a system in which families are

provided translated diagnosis and treatment information and must repeat the information back to him through a different translator, before they leave the hospital or clinic.

This back-translation system takes much of Dr. Postel's time, but ensures that his patients are properly treated.

Dr. Postels devotes himself to children's health in corners of the globe where work and life are not easy. He is, without doubt, a deserving recipient of this year's Gold Foundation Humanism Award, and he inspires us all. Typical of his humanism, Dr. Postels will donate the \$1000 cash award to the charity whose name exemplifies his work: Médecins Sans Frontières.

Hower Award



JOHN BODENSTEINER, MD

JOHN BODENSTEINER, MD (Presented Saturday, November 2)

PROFILE WRITTEN BY ROBERT S. RUST, MD

John Bodensteiner is a proud son of Iowa. Born and raised in Decorah, he remained rooted there four more years, earning a BA in biology at Luther College, along with honors as a National Science Foundation Undergraduate Research Fellow. His accomplishments in the lab were matched, measure for measure, on stage, where he garnered national honors as a talented thespian. But the bright lights and distractions of Broadway never stood a chance of luring him away from the lab bench and the disciplined study of biology, a path upon which he achieved early success with publication of his virological research, appointment as an Instructor in Biology and a distinguished run through medical school at the University of Iowa, including two years as Research Fellow in genetics and hereditary metabolic diseases under Hans Zellweger that resulted in five original peer-reviewed papers.

After receiving his medical degree in 1971, Dr. Bodensteiner left Iowa City for LA, completing a Pediatrics residency at Los Angeles Children's Hospital in 1973. He returned to the University of Iowa to pursue a Pediatric Neurology residency under William Bell, completing it in 1976, followed by a year of training as a Special Clinical Fellow in Neuromuscular Disease under Andrew Engel at the Mayo Clinic. Three years of Assistant Professorship in Neurology and Pediatrics followed at the University of Texas, followed by an appointment as Associate Professor of Neurology, Pediatrics, and Neuropathology at the University of Oklahoma in 1980, where he subsequently earned tenure in 1984 and promotion to full Professor in 1987. In that year he moved to the University of West Virginia, remaining there for 12 years. From 1999-2001 Dr. Bodensteiner served as Professor and then Chair of Pediatric Neurology at Indiana University, before being recruited in 2001 to become the William Pilcher Distinguished Chair of Pediatric Neurology at the Barrow Institute

and St. Joseph's Children's Health Center in Phoenix, as well as the University of Arizona. During his ten years in Arizona Dr. Bodensteiner's remarkable organizational, clinical, scientific, and personal characteristics enabled him to dramatically enlarge the size and distinction of his Child Neurology Division. In 2011 he assumed his current position as Senior Associate Consultant at the Mayo Clinic, Rochester.

Dr. Bodensteiner has devoted remarkable, unceasing energy to advancing research in the neurological diseases of children. Professor Bodensteiner has received eighteen research grants and has published 150 original peer-reviewed papers covering a wide range of topics with acute intelligence, distinguishing himself as primary author of 56 and senior author of at least 25. It is quite characteristic of Dr. Bodensteiner's sense of value that relatively few are "yet another" case report. Instead, fully 57 of these papers are designed to inform and resolve diagnostic issues, usually on the basis of a fairly large case series, typically yielding an intelligent and cost-effective approach to the interpretation and further evaluation of clinical – especially imaging – findings that previously went unnoticed and were likely to end up being dismissed, worked up expensively, or misinterpreted. It is not surprising, given Dr. Bodensteiner's training, that 23 papers consider genetic syndromes. Fifteen are highly informative studies of neuromuscular or peripheral neuropathic conditions, and nine describe infectious diseases of the nervous system, with valuable concentration on early signs indicative of the likely pathogen. Of the 20 additional categories into which these papers might be placed, the most common topics are neonatal neurology (21), epilepsy (20), neurotoxicology (13), and stroke, or vasculopathy (13). Nine papers – chiefly addressing questions of the nature and significance of diagnosis – have been cited more than 35-100 times. An epilepsy paper cited more than 100 times provides valuable information on the prevalence of childhood epilepsy by type, while another highly cited

paper proved to be an early, important contribution to the question of the effects of anticonvulsants on bone density. His most highly cited paper (319) was a masterful study of the calcium accumulation in Duchenne and other myopathic conditions based upon the analysis of 567,000 muscle fibers from 114 biopsies. Citation is not the only index of the value of a paper, of course: witness Dr. Bodensteiner's uncited but immeasurably valuable study of the prevalence of chronic sorrow in families as the consequence of chronic neurological impairments of children. Finally, it should be noted that Dr. Bodensteiner has published no less than 67 chapters on a broad range of subjects.

Dr. Bodensteiner's involvement in academic societies has been unusually devoted. He has served on numerous committees of the Child Neurology Society (CNS), American Academy of Neurology (AAN), the American Neurological Association (ANA), Professors of Child Neurology (PCN) and the Southern Pediatric Neurology Society (SPNS). His exceptional leadership abilities have been recognized by his peers with election to the Presidency of the Southern Child Neurology Society (twice), the Professors of Child Neurology, and the Child Neurology Society. He has participated actively in 19 Professional Societies, including Honorary Membership in the Sociedad Argentina de Neurologica Infantil. His alma mater Luther College granted him a Distinguished Service Award in 1996.

Dr. Bodensteiner has presented 91 papers at international meetings, and co-authored 73 more. He has published 91 invited journal review articles or commentaries. He has been honored with invitations to serve as a visiting professor at 28 Universities, has won seven teaching awards, and has delivered six prestigious Honorary and Keynote Lectures in three countries. He has served on the Medical Advisory Boards of seven foundations devoted to the welfare of individuals with chronic neurological diseases and as a consultant to the National Childhood Vaccine Injury Compensation Program, to the National Indian

Public Health Service among other important agencies. He has served with distinction as ad hoc reviewer for for 16 journals and has sat on an equal number of editorial boards. He was the Founding Editor of *Seminars in Neurology*, a position he has held with great distinction for two decades. Dr. Bodensteiner had a long tenure as board examiner (62 administrations), becoming one of the most senior examiners for the the American Board of Psychiatry and Neurology.

How does one best summarize the manner in which Dr. Bodensteiner has with unfailing reliability, devotion, and depth of character always done right by his patients, students, colleagues, his profession, and his family (his wife, Donna – who deserves considerable credit herself – his son Peter, and daughter, Beth) for nearly half a century? It must certainly be said that he has found a way at all times to place his remarkable gifts for observation of what is important and his clear-eyed vision of what must be done in the service of countless patients, colleagues, and students at all levels of their careers, from their early years of training to their arrival at senior positions of responsibility and devotion to the neurological welfare of children. Where he has encountered an area of uncertainty in the diagnosis, management, or elucidation of pathogenesis in patient encounters, he has invariably responded by exhaustively reviewing a considerable number of unpublished prior cases with similar findings and patiently and critically reading all, or almost all, of what has previously been published. The end result, in most cases, is an acutely rendered analysis that more often than not results in a new baseline understanding permitting the rest of us to be less mystified.

Finally, it must be said of Dr. Bodensteiner that he has not shied away from addressing important areas of medicine that remain filled with uncertainty, such as the continued sadness of families that have lost a child. Although providing an "answer" to such sadness is beyond the power of any of us he has done the next best thing: he has exemplified for those he trains and for the rest of us an example of how a fine physician quietly provides evidence of genuinely caring.

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Annual Meeting Schedule: Committees & SIGs



WEDNESDAY, OCTOBER 30, 2013

<i>SIG/COMM</i>	<i>Chair/Liaison</i>	<i>Start</i>	<i>End</i>	<i>Room Assigned</i>
International Pediatric Stroke	Finlay	8:00 AM	6:30 PM	408
Professors of Child Neurology	Pearl	2:00 PM	5:00 PM	Salon E
Movement Disorders SIG	Dure/Mink/Singer	8:00 PM	11:00 PM	Salon E
Neuromuscular SIG	Mathews	8:00 PM	10:00 PM	406

THURSDAY, OCTOBER 31, 2013

<i>SIG/COMM</i>	<i>Chair/Liaison</i>	<i>Start</i>	<i>End</i>	<i>Room Assigned</i>
CNF Donor Luncheon	Shields	12:30 PM	2:00 PM	406
Executive Board Meeting	Roach	12:30 PM	1:30 PM	410
Ethics Committee	Epstein	12:30 PM	1:30 PM	404
Finance Committee	Nelson	12:30 PM	1:30 PM	415A
International Affairs Committee	Legido	12:30 PM	1:30 PM	417B
Practice Committee	Buchhalter	12:30 PM	1:30 PM	415B
Research Committee	Schlaggar	12:30 PM	1:30 PM	417A
CNF Board Meeting	Shields	2:00 PM	3:30 PM	412
CNF Advisory Board Meeting	Shields	3:30 PM	5:00 PM	412
Legislative Affairs Committee	Lavenstein	4:30 PM	6:00 PM	614
Sleep SIG	Jain	5:00 PM	6:00 PM	616AB
Neonatal SIG	Glass	5:00 PM	6:00 PM	410
Neurodevelopmental SIG	Keck	5:00 PM	7:00 PM	400
Neurogenetics SIG	Gropman	5:00 PM	7:00 PM	402
Training Committee	Dure	5:00 PM	6:00 PM	417A
Neonatal Seizure SIG	Soul	6:00 PM	7:00 PM	404
Traumatic Brain Injury	Blume	6:00 PM	7:00 PM	406
Educational SIG	Larsen/Leber	7:00 PM	9:00 PM	415AB

FRIDAY, NOVEMBER 1, 2013

<i>SIG/COMM</i>	<i>Chair/Liaison</i>	<i>Start</i>	<i>End</i>	<i>Room Assigned</i>
Awards Committee	Bamford	12:30 PM	2:00 PM	417A
Electronic Communications Committee	Pinter	12:30 PM	1:30 PM	417B
Executive Board Meeting	Roach	12:30 PM	2:00 PM	410
PRDYI Steering Committee	De Vivo	12:30 PM	1:30 PM	404
AAP Section on Neurology				
Executive Committee Meeting	Colgrove	4:30 PM	7:00 PM	401
Autonomic Disorders SIG	Jarjour	5:00 PM	6:00 PM	416A
Headache SIG	Bicknese	5:00 PM	6:00 PM	417B
Membership Committee	Trescher	5:00 PM	6:00 PM	417A
Long Range Planning Committee	Ichord	5:00 PM	6:00 PM	614
Pediatric Demyelinating SIG	Ness	5:00 PM	6:00 PM	415A
Quality SIG	Loddenkemper/ Jones	5:00 PM	6:00 PM	402
Stroke SIG	Ichord/ Armstrong-Wells	6:00 PM	7:00 PM	415B
Scientific Program Committee	Sahin	6:00 PM	7:00 PM	416B

EXHIBITS & POSTER REVIEW

THURSDAY: 11:00 AM-6:00 PM

Lunch served at
12:30 PM
Wine & Cheese
Reception:
4:00-6:00 PM

FRIDAY: 9:00 AM-2:30 PM

Lunch served at
12:45 PM

Scientific Program at a Glance

TUESDAY, OCTOBER 29

2:00-6:30 PM | 418

Speaker Ready

2:00-6:00 PM | 4th Floor Prefunction

Registration (NDC)

WEDNESDAY THRU FRIDAY

6:30-7:30 AM | 4th Floor Prefunction

Continental Breakfast

6:30 AM-6:30 PM | 418

Speaker Ready

6:30 AM-6:00 PM | 4th Floor Prefunction

Registration

WEDNESDAY, OCTOBER 30

7:30 AM-5:00 PM | Salons ABC

Symposium 1:

NDC Mitochondrial Disease

11:30 AM-1:00 PM | Salons FG

NDC Lunch

7:00 AM-5:00 PM | 400/402

ACNN Meeting

2:00-5:00 PM | Salon E

Professors of Child Neurology

6:00-8:00 PM | 4th Floor Prefunction

Opening/Welcome Reception

Supported by Texas Children's Hospital

8:00-11:00 PM | Salon E

Movement Disorders SIG

THURSDAY, OCTOBER 31

7:00-8:15 AM | Salon E

Breakfast Seminar 1:

Shifting Models of Health Care Delivery and the Child Neurologist: The Sky is Falling

7:00-8:15 AM | Salons AB

Breakfast Seminar 2:

Tourette Syndrome – Novel Treatments at the Ends of the Spectrum

7:00-8:15 AM | Salon C

Breakfast Seminar 3:

Refractory Status Epilepticus: An Update

8:45-9:15 AM | Governor's Ballroom

Awards Presentation

9:15 AM-12:00 PM | Governor's Ballroom

Symposium 2:

Presidential Symposium: Gene Therapy for Childhood Neurological Disease

12:00-12:30 PM | Governor's Ballroom

CNS Business Meeting

12:00-2:00 PM | 400/402

ACNN working lunch/meeting

12:30-1:30 PM | 408

ABPN Lunch

1:45-4:00 PM | Governor's Ballroom

Symposium 3:

Little Brains, Big Problems: Lasting Effects of Pediatric Traumatic Brain Injury

4:00-6:00 PM | 6th Floor - Austin Ballroom & Foyer

Child Neuro News Forum (also: wine & cheese reception)

FRIDAY, NOVEMBER 1

7:00-8:15 AM | Salon AB

Breakfast Seminar 4:

Beyond "Seizure Disorders" the New Classification of the Epilepsies

7:00-8:15 AM | Salon C

Breakfast Seminar 5:

Next Generation Sequencing, Genomics and Neurogenetics

7:00-8:15 AM | Salon E

Breakfast Seminar 6:

Ethical Considerations in Gene Therapy

8:30-10:15 AM | Salons DE

Platform Session I

8:30-10:15 AM | Salon C

Platform Session II

10:45-11:10 AM | Governor's Ballroom

Award Presentations

11:10-11:40 AM | Governor's Ballroom

Philip R. Dodge Young Investigator Award Lecture:

Peter Tsai, MD, PhD

11:40 AM-12:40 PM | Governor's Ballroom

Bernard Sachs Lecture: Tallie Z. Baram, MD, PhD

12:00-2:00 PM | 400/402

ACNN working lunch/meeting

1:45-4:00 PM | Governor's Ballroom

Symposium 4:

Treatable Genetic-Metabolic Epilepsies

4:30-6:00 PM | 410

Junior Member Seminar 1: Meet the Editors

4:30-6:00 PM | 412

Junior Member Seminar 2: Private Practice

6:30-9:00 PM | 4th Floor - Governor's Ballroom & Foyer

Closing Reception

SATURDAY, NOVEMBER 2

6:00-10:00 AM | 418

Speaker Ready

7:00 AM-12:00 noon | 4th Floor Prefunction

Registration

6:30-7:00 AM | 4th Floor Prefunction

Continental Breakfast

7:00-8:15 AM | Salon C

Breakfast Seminar 7:

Updates on inherited Neuromuscular Disorders

7:00-8:15 AM | Salon E

Breakfast Seminar 8:

Neuro-ophthalmology for the Child Neurologist:

Practical Clinical Pearls

7:00-8:15 AM | Salon AB

Breakfast Seminar 9:

To Err is Human: Reducing Medical Errors by Better Handoffs with I-PASS

8:45-9:30 AM | Salons ABC

Hower Award Lecture: John Bodensteiner, MD

9:45 AM-12:00 PM | Salons ABC

Symposium 5:

Paroxysmal Disorders

Three Great Prizes

2013 CNS Annual Meeting Passport Program

Prize 1

Child Neurology Library

DRAWING:
10:45 AM, Friday

Author-signed books, including:

- Bodensteiner & Roach:
Sturge-Weber Syndrome
- Chapman & Rho:
Pediatric Epilepsy Case Studies
- Khotare & Kotagal:
Sleep in Childhood Neurological Disorders
- Nelson Textbook of Pediatrics
- Pina-Garza (ed):
Fenichel's Pediatric Neurology, 7th Edition
- Roach, Lo, Heyer:
Pediatric Stroke and Cerebrovascular Disorders
- Singer, Jankovic, Mink, Gilbert:
Movement Disorders in Childhood
- Swaiman, Ashwal, Ferriero, Schor:
Pediatric Neurology: Principles and Practice
- Volpe:
Neurology of the Newborn

Prize 2

2014 CNS Annual Meeting Package

DRAWING:
8:45 AM, Saturday

- Two hotel nights in meeting hotel (Hyatt Regency Columbus)
- \$500 travel voucher (provided by Child Neurology Foundation)
- Registration fee waiver

Prize 3

2014 CNS Annual Meeting Package

DRAWING:
8:45 AM, Saturday

- Two hotel nights in meeting hotel (Hyatt Regency Columbus)
- \$500 travel voucher (provided by Child Neurology Foundation)
- Registration fee waiver

HOW IT WORKS:

1. Each attendee receives a "passport" in registration packet with exhibit hall floorplan
2. Each of the five aisles on the exhibit floor is assigned a different color sticker (Note: Aises 5 & 6 are combined)
3. Attendee's with ONE OR MORE sticker(s) from each of five aisles will drop their completed passport off at the meeting registration desk at the end of the day
4. Winner of the first passport drawing, on Friday morning, November 1 will receive an impressive collection of signed medical textbooks donated by over a half-dozen prominent child neurologists; estimated value: \$1200 (includes packing and shipping)
5. Winners of Saturday morning, November 2 drawings will each receive a 2014 CNS Annual Meeting package, including free hotel nights, airfare, and registration fee waiver: estimated value: \$1350 each



Exhibits & Posters: 6th Floor Hilton

EXHIBITS & POSTER REVIEW

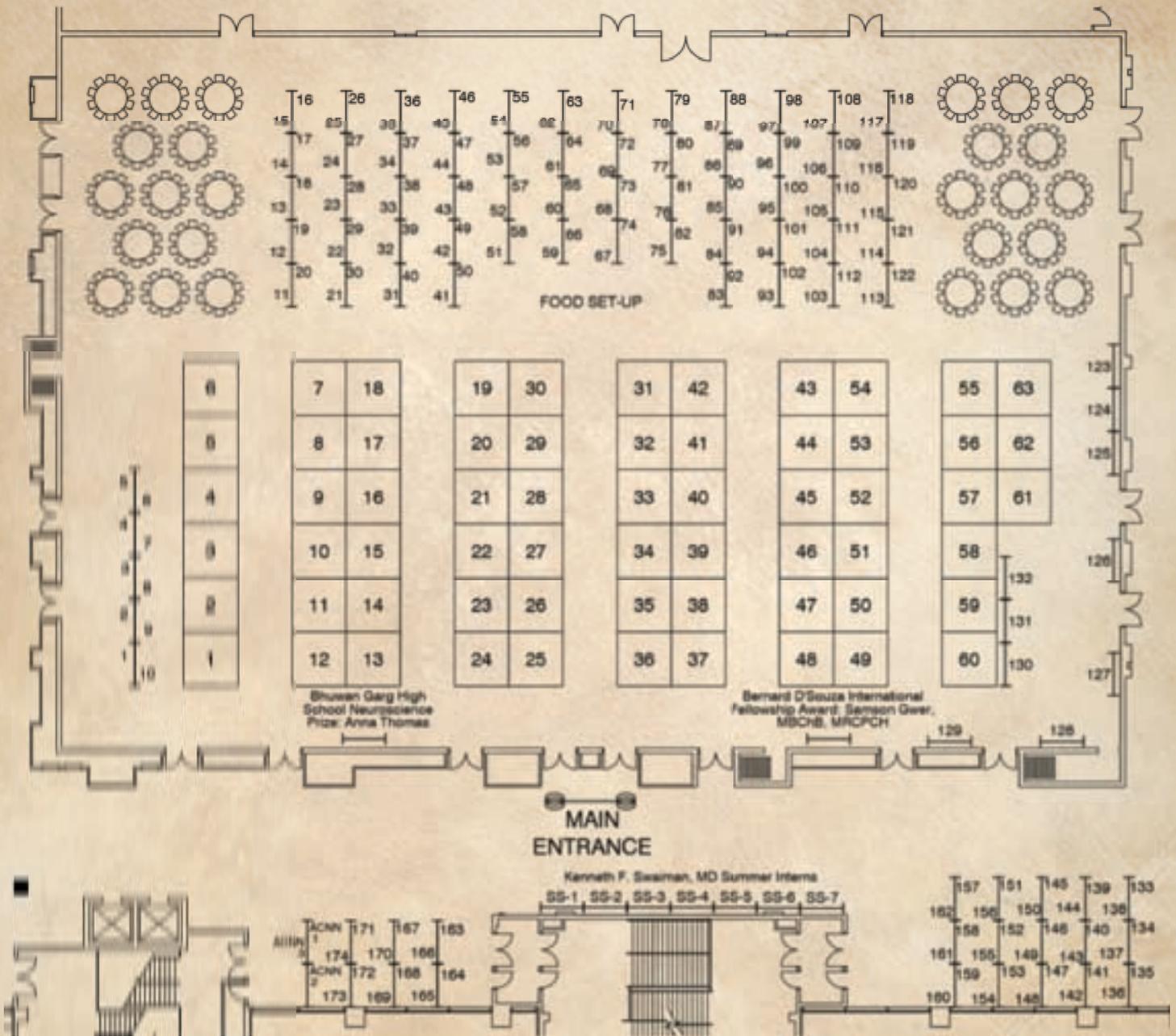
THURSDAY: 11:00 AM-6:00 PM

Lunch served at 12:30 PM

Wine & Cheese Reception: 4:00-6:00 PM

FRIDAY: 9:00 AM-2:30 PM

Lunch served at 12:45 PM



Roster of Exhibits



American Board of Psychiatry & Neurology (#1)

The American Board of Psychiatry and Neurology serves the public interest and the professions of psychiatry and neurology by promoting excellence in practice through its certification and maintenance of certification processes. ABPN also oversees the certification process for physicians seeking certification in child and adolescent psychiatry.

Association of Child Neurology Nurses (#50)

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

Banner Children's Specialists (#61)

Banner Children's Specialists (Banner Health) based in Phoenix, AZ provide comprehensive and compassionate care to children and their families and offer a full complement of Pediatric subspecialties.

Batten Disease Support and Research Association (#58)

The Batten Disease Support and Research Association is an international support and research organization for families of children and adults with an inherited neurological degenerative disorder known as Batten disease. The focus of BDSRA is to provide advocacy, family and patient support, education within the medical, scientific and caregiving community, and research funding for a disease known as the most common inherited neurodegenerative disease in children.

Baylor College of Medicine (#19)

Baylor College of Medicine's, Medical Genetics Laboratories offer a broad range of diagnostic genetics tests including DNA diagnostics, sequencing, cytogenetics, FISH diagnostics, cancer cytogenetics, chromosomal microarray analysis, whole exome sequencing, biochemical genetics, and Mitochondrial DNA analysis. Additionally we have a full range of testing for Autism Spectrum Disorders. Please visit our booth for more information.

captureproof (#3)

Do your patients show you videos? captureproof is the only HIPAA compliant platform to capture, compare and share photos and videos; allowing you to more accurately triage and remotely monitor your patients. Come hear Ruth Rosenblum DNP discuss captureproof Friday 1pm, booth #3 or visit us anytime at www.captureproof.com.

Center for Autism and Developmental Disabilities (CADD) (#51)

The Center for Autism and Developmental Disabilities (CADD) offers comprehensive services for children ages zero to 21 who may have diagnoses under the Autism Spectrum, as well as a wide range of neurodevelopmental disabilities. These services include: psychological testing, educational assessment, diagnosis, as well as long-term pharmaceutical and therapeutic management.

Children's Healthcare of Atlanta (#27)

Children's Healthcare of Atlanta manages more than 700,000 patient visits annually at three hospitals and 17 neighborhood locations. It is one of the largest clinical care providers for children in the country, with access to more than 1,700 pediatric physicians representing 60 pediatric specialties and programs.

Children's Mercy Hospitals & Clinics (#16)

The Division of Neurology at Children's Mercy Hospital in Kansas City employs a family-centered, interdisciplinary approach to care. Our Comprehensive Epilepsy Center is nationally recognized. We have 11 physicians board-certified in neurology with special expertise in neurophysiology, neuro-developmental disabilities and headaches. We have a child neurology fellowship program.

Cleveland Clinic (#22)

Cleveland Clinic Children's Center for Pediatric Neurology is ranked in the top 10 in the country by US News & World Report. Our pediatric neurologists oversee over 10,000 patient visits each year. Our neurology staff has expertise in metabolic/mitochondrial disorders, headache, demyelinating disorders, neurofibromatosis, movement disorders, autonomic disorders, neuromuscular disorders, cerebrovascular diseases, and cardiomyopathy.

Combimatrix (#54)

CombiMatrix, an industry-leader in genomic testing, offers clinicians a broad menu of innovative microarray tests. We provide state-of-the-art Chromosomal Microarray testing, a first-tier clinical diagnostic test for childhood syndromes including developmental delay/intellectual disability (DD/ID) and autism spectrum disorders (ASD). We also provide microarray testing in the areas of Prenatal & Reproductive Health and Hematology-Oncology. To learn more, visit us at www.combimatrix.com.

Cook Children's Health Care Center (#59)

With one of the largest, most technologically advanced pediatric neurosciences programs in the southwestern United States, Cook Children's Health Care System is redefining the future of children with neurological conditions. Our leading edge programs and services include pediatric deep brain stimulation, Level 4 EMU, MEG and iMRI for epilepsy treatment.

Courtagen Diagnostics Laboratory (#11)

Courtagen Diagnostics Laboratory provides innovative genomic and proteomic products and services for physicians and the Life Sciences industry. Founded by innovators in next-generation sequencing (NGS), genetics, molecular biology, and information science, our company delivers tools that enable researchers and clinicians to make better decisions regarding patient care and drug development. Courtagen Life Sciences is a CLIA certified and CAP accredited genetic testing laboratory that is currently focused on neurological and metabolic disorders.

Cyberonics (#42)

Cyberonics, Inc. is the leader in device solutions for epilepsy and is committed to consistently delivering innovative and effective solutions for physicians, caregivers and people with epilepsy. Cyberonics' VNS Therapy® is the only FDA-approved device for the treatment of refractory epilepsy, with more than 70,000 patients implanted worldwide.

Dravet Syndrome Foundation (#17)

The mission of Dravet Syndrome Foundation (DSF) is to aggressively raise research funds for Dravet syndrome and related epilepsies; to increase awareness of these catastrophic conditions; and to provide support to affected individuals and families. Since our inception in 2009 we have awarded over \$1.5M in research grants. To learn more, visit www.dravetfoundation.org.

Driscoll Children's Hospital (#46)

Driscoll Children's Hospital is a nonprofit freestanding, 189 bed tertiary care Children's Hospital serving the lower 31 counties of South Texas. The population served is over 2 million and is one of the youngest and fastest growing in the USA. The hospital provides comprehensive pediatric services including NICU, PICU and more than 40 pediatric subspecialists.

Eisai Pharmaceuticals (#34-36)

At Eisai Inc., human health care is our goal. We give our first thoughts to patients and their families, and helping to increase the benefits health care provides. As the U.S. pharmaceutical subsidiary of Tokyo-based Eisai Co., Ltd., our passionate commitment to patient care is the driving force behind our efforts to help address unmet medical needs. We are a fully integrated pharmaceutical business with discovery, clinical, manufacturing and marketing capabilities. Our key areas of commercial focus include oncology and

specialty care (Alzheimer's disease, epilepsy and metabolic disorders). To learn more about Eisai Inc., please visit us at www.eisai.com/US.

Electrical Geodesics, Inc (EGI) (#40)

Whole-head, fMRI-compatible EEG with 32, 64, 128, or 256 channels. Complete systems include the Geodesic Sensor Net for easy and comfortable application, amplifier, and software with Metafile Format that facilitates interoperation with third party software. EGI also offers source estimation software, experimental control workstations, and integrated eye tracking systems.

Elsevier, Inc (#55)

ELSEVIER is a leading publisher of health science publications, advancing medicine by delivering superior reference information and decision support tools to doctors, nurses, health practitioners and students. With an extensive media spectrum – print, online and handheld, we are able to supply the information you need in the most convenient format.

GeneDX (#26)

GeneDx is a highly respected company that offers testing for more than 350 rare Mendelian disorders using DNA sequencing and deletion/duplication analysis of the associated gene(s). GeneDx also offers oligonucleotide microarray-based testing and next-generation sequencing based panels for various inherited cardiac disorders, mitochondrial disorders and neurodevelopmental disorders. Visit www.GeneDx.com.

Genzyme Corporation (#49)

Genzyme has pioneered the development and delivery of therapies for patients affected by rare and debilitating diseases for over 30 years. We accomplish our goals through world-class research, collaboration with the global patient community, and with the compassion and commitment of our employees.

Glut1 Deficiency Foundation (#8)

Glut1 Deficiency Foundation is a volunteer, non-profit family organization dedicated to:

- Educating others about Glut1 Deficiency by creating a forum for sharing support, experiences, resources, and information between patients, families, and healthcare professionals.
- Increasing awareness of and advocacy for Glut1 Deficiency.
- Supporting and funding researchers as they work for a cure.

Kennedy Krieger Institute (#7)

Located in the Baltimore/Washington region, the Kennedy Krieger Institute is internationally recognized for improving the lives of 19,000 children and adolescents with disorders and injuries of the brain, spinal cord, and musculoskeletal system each year, through inpatient and outpatient clinics; home and community services; and school-based programs.

Le Bonheur Children's Hospital (#41)

The Neuroscience Institute at Le Bonheur Children's Hospital in Memphis, TN is one of the nation's best pediatric neuroscience programs. Ranked by U.S. News & World Report, Le Bonheur's program has the most advanced technology, clinical expertise and state-of-the-art facilities.

LGS Foundation (#57)

The LGS Foundation is a non-profit organization dedicated to providing information about Lennox-Gastaut Syndrome while raising funds for research, programs, and services for individuals living with LGS and their families.

Lineagen Inc. (#21)

"Lineagen (CLIA #46D2042721) provides FirstStepDx PLUS for individuals with autism, delay, and other developmental disorders. This includes customized chromosomal microarray (over 2.7 million probes) and fragile X syndrome testing on buccal DNA. Families approve out-of-pocket responsibility prior to testing. We handle all insurance correspondence and offer pre/post-test telephone genetic counseling."

Lundbeck (#13-14, 20, 23-24)

Headquartered in Deerfield, Illinois, with a portfolio specialty central nervous system (CNS) therapies and a robust pipeline of promising CNS compounds, Lundbeck is committed to providing innovative therapies that fulfill unmet medical needs of people with CNS disorders, including rare diseases, for which few, if any, effective treatments are available.

Roster of Exhibits CONTINUED

Medical Neurogenetics LLC (#32-33)

Medical Neurogenetics provides expert diagnostics through clinical services, complex biochemical testing and Next Generation Sequencing. Our 85 Next Generation Sequencing panels are the most cost effective and comprehensive available, particularly for cellular energetics defects, muscular dystrophies, epilepsy and intellectual disabilities. John Shoffner, M.D. and Keith Hyland, Ph.D., as well as our staff, are available for case discussions.

Medikidz (#5)

"The Medikidz are five energetic, larger-than-life superheroes on a mission to help young people understand illness and medical concepts. Eisai Inc., a leader in the epilepsy community, is proud to support Medikidz in the creation of the "Medikidz Explain Epilepsy" comic book to educate young people about epilepsy, increase awareness of the disease and eliminate the stigma often associated with it."

MEDomics (#10)

MEDomics provides comprehensive CLIA NextGen-sequence-based diagnostic analysis to innovative partnering Neurologists for Mi IDEA diseases: Mitochondrial disease, Intellectual Disability, Epilepsy and Autism, analyzing 1200-1500 genes in detail and reflexing to general analysis of 20,000+ remaining exome. Can MEDomics productively collaborate with you to practice Personalized MEDicine: (P-MED = P-Diet + P-Drugs)?

Moberg Research, Inc. (#9)

Moberg provides ICU solutions for multimodal data integration and EEG. The Moberg CNS Monitor displays continuous raw and processed EEG, including amplitude integrated EEG, time-synchronized with other physiology such as vital signs, near-infrared spectroscopy, and temperature. The CNS Monitor's intuitive user-interface and embedded multimedia instructions make the system easy to use and customize.

Merz Neurosciences (#15)

Merz North America is a specialty healthcare company that develops and commercializes innovative treatment solutions in aesthetics, dermatology and neurology in the U.S. and Canada. Our ambition is to become a recognized leader in the treatment of movement disorders, and in aesthetics and dermatology.

National Institute of Neurological Disorders and Stroke (NINDS) (#44)

The National Institute of Neurological Disorders and Stroke provides information about available research support and funding mechanisms, as well as free publications for patients and their families on neurological disorders. NINDS staff members will be available to assist you at the meeting. Printed material will be available.

Nationwide Children's Hospital (#29-30)

The Neurosciences Center at Nationwide Children's is home to leading expertise in pediatric neurological disorders. Unique areas of focus include stroke, intracranial hypertension, spinal muscular atrophy and muscular dystrophy – including groundbreaking clinical and translational research in neuromuscular disorders. Nationwide Children's is also ranked in the top 10 for NIH funding among free-standing children's hospitals.

Neurosciences at Dell Children's Medical Center (#48)

Neurosciences at Dell Children's Medical Center of Central Texas, a collaboration of Dell Children's Medical Center and Pediatric Specialty Services, aims to improve the lives of children in Central Texas through multidisciplinary care, research and education.

NextGxDX (#28)

NextGxDx streamlines the genetic testing process with a free online marketplace where clinicians can search, compare and order genetic tests. Clinicians can research and identify relevant genetic tests, and compare CLIA laboratories using metrics such as TAT and price. The HIPAA-compliant platform pre-populates requisitions and simplifies reporting with online results.

Novartis (#43 & 60)

Novartis Oncology has emerged as a global leader in oncology through targeted research and open partnership in the pursuit of new therapies capable of transforming outcomes for people with cancer. Our research is driven by a distinctive scientific and clinical strategy, focusing on unmet medical needs and disease pathways. For more information, visit www.novartisoncology.com.

Palo Alto Medical Foundation (#53)

The Palo Alto Foundation Medical Group (PAFMG), is a physician-led health care organization, affiliated with Palo Alto Medical Foundation, (not-for-profit). We attract, value and retain the very best physicians who are dedicated to enhancing the health of people in communities throughout Alameda, San Mateo, Santa Clara and Santa Cruz counties.

Pearson Clinical Assessment (#18)

The Quotient® System accurately measures micro-motion and analyzes shifts in attention state to quantify the severity of neural control deficits associated with ADHD symptoms. Follow-up assessments during medication initiation help the parent see the progress and help you to find the right treatment plan for the individual. Objective data makes conversations more productive.

Prevention Genetics (#6)

PreventionGenetics provides clinical DNA testing for more than 800 genes, and DNA Banking. We offer testing for childhood-onset muscular dystrophies and myopathies, congenital myasthenic syndromes, and motor and sensory neuron diseases. Our CLIA-accredited laboratory has outstanding personalized service and the most reasonable prices in the industry. www.preventiongenetics.com.

Questcor Pharmaceuticals, Inc. (#31, 37-39)

At Questcor, we are a biopharmaceutical company focused on the treatment of patients with serious, difficult-to-treat autoimmune and inflammatory disorders. Our efforts are currently focused on the fields of neurology and nephrology, areas of medicine which have significant unmet medical needs. For questions, please contact Questcor customer service at 1.800.411.3065.

Sarepta Therapeutics (#52)

Sarepta Therapeutics is focused on developing first-in-class RNA-based therapeutics to improve the lives of people affected by serious and life-threatening rare genetic disorders. For more information, please visit us at www.sarepta.com.

SimulConsult (#63)

Decision support software for diagnosis now allows you to interpret whole genome information in seconds, with full clinical context. Also with electronic health record integration.

Sturge Weber Foundation, The (#56)

The Sturge-Weber Foundation improves the quality of life and care for people with Sturge-Weber through awareness, education and research.

Texas Children's Hospital (#25)

Texas Children's Hospital, a not-for-profit organization, is committed to creating a community of healthy children through excellence in patient care, education and research. Consistently ranked among the top children's hospitals in the nation, Texas Children's has recognized Centers of Excellence in multiple pediatric subspecialties, and operates the largest primary pediatric care network in the country. For more information on Texas Children's, visit www.texaschildrens.org.

Tourette Syndrome Association (#2)

The Tourette Syndrome Association is a national non-profit association serving individuals affected by Tourette Syndrome (TS). TSA disseminates educational materials to health care and education professionals, coordinates support services, and funds research to improve treatments and find

the cause of TS. Free educational resources for medical professionals, families and patients will be available.

Transgenomic, Inc. (#47)

Transgenomic offers clinical genetic testing expertise for mitochondrial disorders, epilepsy and seizure-related disorders, autism spectrum and developmental delay disorders, chromosomal abnormalities and other inherited diseases. Our comprehensive Neurology test menu has been specifically designed to meet the diagnostic needs of Child Neurologists. Our recently launched Transgenomic ACCESS Plan is designed to ensure that cost is not a barrier for patients whom our tests are deemed medically necessary by their physician. Please visit www.transgenomic.com for information on our expanded test offerings.

Tuberous Sclerosis Alliance (#4)

The Tuberous Sclerosis Alliance is dedicated to finding a cure for tuberous sclerosis complex (TSC) while improving the lives of those affected. We will be displaying copies of the newly updated clinical consensus guidelines for the diagnosis, surveillance and management of TSC, and clinical studies information.

United Mitochondrial Disease Foundation (#62)

The United Mitochondrial Disease Foundation (UMDF), founded in 1996, promotes research and education for the diagnosis, treatment and cure of mitochondrial disorders and to provide support to affected individuals and families. Please visit www.umdff.org/mito101 – a tool specifically created for clinicians and allied health professionals managing the care of mitochondrial patients.

Upsher Smith Laboratories, Inc. (#12)

Upsher-Smith Laboratories, Inc., founded in 1919, is a growing pharmaceutical company dedicated to its mission of Advancing Pharmacotherapy. Improving Life™. With capabilities ranging from early-stage research to delivering on-market products, Upsher-Smith is committed to developing quality products that enable people to live life to its greatest potential.

Visualase, Inc. (#45)

The Visualase Thermal Therapy System is an MRI-guided, minimally invasive laser ablation system which allows for monitoring of an ablation in real-time. The system is FDA-cleared for the ablation of soft tissue including use in neurosurgery. More than 20 centers have performed >175 epileptogenic foci and >150 brain tumor ablations.

We are Sarepta Therapeutics.

Our goal is to develop first-in-class, RNA-based therapeutics to improve the lives of people affected by serious and life-threatening rare genetic disorders.

TRANSFORMATION, WITHIN REACH

VISIT SAREPTA.COM





2013 Awards

Child neurologist researcher applicants are asked to submit a letter of application that is ranked by a committee of seven well respected child neurologists. In addition to scientific criteria such as the soundness of the hypothesis, feasibility, and relevance to clinical pediatric neurologic disorders, reviewers look for evidence that the award will have a major career impact. Top contenders are invited to submit full applications. The committee then ranks all full applicants and submits the top applicant to the CNF Board of Directors for confirmation.



2013 CNF SHIELDS AWARD

Hannah Tully, MD
Acting Assistant Professor

Seattle Children's Hospital/
Seattle Children's Research
Institute

The award is supported by the Winokur Family Foundation. A junior faculty member who has developed clinical research skills, and has a plan for further development of that research or has basic science research skills related to child neurology, and who has a plan to translate the new knowledge into clinical care for children with neurologic diseases would be eligible for this award.

>> *One in a thousand newborn infants is diagnosed with hydrocephalus before they even leave the hospital, which can leave their families blindsided. My research proposal seeks to address basic questions about hydrocephalus in children: why it happens, how best to treat it, and what it means for a child's future. There are three parts to my project: First, I will use MRI-based techniques to explore the relationship between the shape of a child's brain and the way that cerebrospinal fluid and blood flow within and around it. Second, I will collect detailed clinical information about how children with different types of hydrocephalus develop physically and cognitively, and how they respond to various types of surgery. Finally, I will use these results to guide genomic investigations of the factors that give rise to different types of hydrocephalus, and to differences in clinical outcome. The goal of my work is a deeper understanding of why hydrocephalus develops, a better grasp of its clinical implications, and a new sense of how to tailor treatment to each individual child.*

– Hannah Tully, MD



2013 CNF PERF SCIENTIFIC AWARD

Nico Dosenbach, M.D./Ph.D.
Division of Pediatric Neurology

Washington University School
of Medicine

The Foundation recognizes that development of clinician-researchers is critical to the field of child neurology. Impeding this can be the long periods of clinical training that often require newly-trained child neurologists to refresh their scientific skills as they join the faculty. Seed money is important to help young investigators establish independence and gather preliminary data for NIH funding. This award is funded by PERF (Pediatric Epilepsy Research Foundation).

>> *Receiving the 2013 CNF PERF Scientific Research Award represents a great honor. More importantly, it creates the opportunity to initiate a research program aimed at understanding how intensive therapies affect the brains of children with brain injury. Greater knowledge of the brain changes caused by practice-based therapies is critical for improving their efficacy. In addition, mapping the relationships between therapies, brain changes and functional outcomes may open up new therapeutic approaches towards enhancing brain recovery. Thus, the 2013 CNF PERF Scientific Research Award will fund MRI brain imaging studies of children with chronic brain injury and one-sided movement deficits undergoing an intensive therapy regimen called constraint-induced movement therapy (CIMT). Advanced functional MRI techniques will be utilized to carefully trace changes in brain function and brain connectivity attributable to the intervention. These changes will then be related to detailed quantifications of motor function. We contend that this approach will advance our understanding of use-dependent neuroplasticity in general and create testable hypotheses about how current treatments could be further improved.*

– Nico Dosenbach, MD, PhD



2013 CNF INFANTILE SPASMS AWARD

Heather Olson, MD
Attending Neurologist

Boston Children's Hospital

The Foundation is dedicated to furthering scientific research to develop better treatments and ultimately cures for childhood neurologic diseases. We are pleased to award a one year planning grant of \$25,000 - \$30,000 for the fifth year. The award is supported by Questcor Pharmaceuticals that has no input as to the specific research or selection of the investigator.

>> *The goal of our research is to discover novel genes for infantile spasms and better understand the spectrum of clinical presentations for each gene (genotype-phenotype correlations). We will study idiopathic infantile spasms and Ohtahara syndrome (infantile spasms and a burst suppression pattern on EEG). Through gene discover, we hope to better understand the underlying molecular pathways involved in the development of infantile spasms. This work will ideally lead to future research including studies assessing the effects of identified genetic mutations on biologic systems and to pathway specific drug development and clinical trials.*

Thank you to the Child Neurology Foundation Board, Selection Committee for choosing me as the recipient of the 2013 Logan Infantile Spasms award and to my colleagues in our Epilepsy Genetics Program at Boston Children's Hospital for their collaboration and support. As junior faculty in academic Child Neurology, this award will provide critical support as I begin my independent research career in Epilepsy Genetics and work to understand the genetic causes of infantile spasms and related epilepsies. It will help me to build my career as a physician-scientist.

– Heather Olson, MD



2013 CNF MICHAEL SANINOCENCIO LGS AWARD

Maura RZ Madou, MD
Child Neurology Fellow

UCSF Benioff Children's Hospital

Dr. Madou is a first year Child Neurology Fellow at the University of California San Francisco (UCSF). She is enrolled in the competitive flexible residency training program (R25) that selects proposals from a highly qualified group of trainees.

Her research will determine genotype-phenotype correlations of LGS using whole exome sequencing and pathway analysis in patients collected in the NIH funded EPGP study. She will also determine clinical parameters that might predict outcome in this cohort.

Her mentor, Elliott Sherr, MD, PhD, is an internationally recognized expert in the neurogenetics of epilepsy and will provide her with the appropriate direction and support throughout the project period and beyond.

Dr. Madou has received a number of awards, including notably the Lucy Crain Award given to the pediatric resident who has devoted outstanding care to children with developmental disabilities and special needs.



2013 Awards

SWAIMAN MEDICAL SCHOLARSHIPS

The Child Neurology Foundation provides up to ten (10) summer clinical research scholarships for first- and second-year U.S. and Canadian medical students who have an interest in child neurology. Winners are selected by a competitive process and the resulting research is conducted under the direction of a child neurologist. Selected applicants receive a \$3,500 scholarship for their summer project.

Those with asterisks are presenting posters at the CNS Annual Meeting. These posters are on display on Level 6.

Cather Cala*

Medical School: University of Alabama at Birmingham School of Medicine; Birmingham, AL
Mentor: Tara DeSilva, PhD & Jayne Ness, MD, PhD
Research Project: Inflammatory processes that contribute to pediatric demyelinating syndromes

Morgan Campbell*

Medical School: University of Wisconsin–Madison School of Medicine and Public Health; Madison, WI
Mentor: Carl E. Stafstrom, MD, PhD & Matthew Jensen, MD, MS
Research Project: Factors influencing the functional incorporation of neural stem cells into post-ischemic rat brain to better understanding how to enhance brain plasticity follow stroke at all ages with implications for children with cerebral palsy.

Candice Carpenter

Medical School: University of Cincinnati College of Medicine; Cincinnati, OH
Mentor: Cameron W. Thomas, MD
Research Project: Direct health care costs of non-febrile seizures in the first year of life: Overall trends and the cost impact of national guidelines.

Emily Hautman*

Medical School: University of Cincinnati College of Medicine; Cincinnati, OH
Mentor: Cameron W. Thomas, MD
Research Project: Fetal & Neonatal Neurology

Alvin Ip*

Medical School: University of British Columbia Faculty of Medicine; Vancouver, BC
Mentor: Shenandoah Robinson, MD, FACS, FAAP
Research Project: Impact of Intrathecal Baclofen Therapy on the Quality of Life of Young Adults with Cerebral Palsy

Francis Kara

Medical School: University of Cincinnati College of Medicine; Cincinnati, OH
Mentor: Donald Gilbert, MD, MS
Research Project: Does Methylphenidate modulate long term potentiation in children with ADHD?

Esha Khurana*

Medical School: University of Pennsylvania – Perelman School of Medicine; Philadelphia, PA
Mentor: David Bearden, MD
Research Project: HIV and Stroke in Botswana

Kevin Li*

Medical School: University of Oklahoma College of Medicine, Oklahoma City, OK
Mentor: Donna Ferriero, MD
Research Project: Cytokines as therapies for hypoxic-ischemic encephalopathies in neonates

Gene Novikov

Medical School: University of Cincinnati College of Medicine; Cincinnati, OH
Mentor: Douglas F. Rose, MD
Research Project: Neural networks in intractable epilepsy

Yue (Linda) Wu*

Medical School: Weill Cornell Medical College; New York, NY
Mentor: G. Praveen Raju, MD, PhD
Research Project: Mechanisms underlying medulloblastoma treatment

HONOR A FOUNDING GIANT IN Child Neurology...help find and fund new ones.

Honor a
founding giant
in child
neurology...

...help find and
fund new ones.



Contribute to the
Philip R. Dodge Young
Investigator Award
Endowment Fund

Darryl De Vivo, MD – Chair

Nigel Bamford, MD
Gary Clark, MD
W. Edwin Dodson, MD
Marvin Fishman, MD
Sidney Gospe, MD, PhD
Robert Greenwood, MD
Stanley Johnsen, MD
Mary Johnson, MD
Edward Kaye, MD
Jonathan Mink, MD, PhD
Vinodh Narayanan, MD
Michael Noetzel, MD
Scott Pomeroy, MD, PhD
Arthur Prenskey, MD
Robert Rust, MD
Bradley Schlaggar, MD, PhD
Joseph Volpe, MD
Huda Zoghbi, MD

The Child Neurology Society (CNS) and its' Philip R. Dodge Young Investigator Award Endowment Committee are collaborating with the Child Neurology Foundation (CNF) to reach the \$1 million goal.

by BY DONALD SHIELDS, MD,
PRESIDENT OF THE CHILD NEUROLOGY FOUNDATION

The Society and Foundation have agreed to work collaboratively to eventually endow all of the research awards we've embraced, starting with the Dodge Award. The Philip R. Dodge Young Investigator Award (PRDYIA) Endowment Committee, led by Darryl De Vivo, have done an outstanding job of raising \$500,000, the half-way point to the all-important million dollar goal. Now the Child Neurology Foundation has committed itself to working with Darryl's committee to complete this goal. I asked Darryl to comment on this new development...

"We are pleased that CNF will assist the PRDYIA Endowment Committee in completing our goal, the CNS membership and other contributors have gotten us to the halfway mark. Now, with CNF's help it's time for us to realize our goal and make this award permanent as a testament to the life work of Philip Dodge. "

It has been the shared goal by both organizations to launch research careers within our ranks. There is no better hope to find causes, treatments and cures for the neurologic disorders we diagnose and treat than researchers who have been trained as child neurologists. We have identified and helped dozens of young investigators and in the case of all of our award recipients we've observed a success rate of 100%. All of our past research award recipients have gone on to receive NIH or equivalent research awards. Each of them is continuing with important child neurology research today.

We expect all of the research award winners this year will do the same. In addition to this year's Philip R. Dodge Young Investigator Award recipient we also have the award recipients of the PERF Scientific Research Award; the Shields Research Award; the Logan Infantile Spasms Research Award; and the Michael SanInocencio LGS Research Award. Each has gone through an exhaustive review process by our colleagues and each will be doing important research which gives us and our families renewed hope for our young patients.

Donors for all of the Dodge awards have come from a good share of our membership and we hope and need that to continue and be even more inclusive. We also have had important contributions from the Pediatric Epilepsy Research Foundation. Questcor has made a long-term commitment to make annual contributions supporting the awards on the current annual basis, thus allowing us to dedicate every dollar from other donors to be designated for the endowment. Questcor's help has allowed us to not fund the awards hand-to-mouth and we are very grateful for that integral support.

The campaign slogan has been and will continue to be "Honor a Founding Giant...help find and fund new ones." I believe Phil Dodge would have been well pleased with all of these young doctors following in his footsteps.

Endowment is the highest form of fiscal responsibility to an award. Please join me in making a contribution consummate to the importance of this award.

>> "We are pleased that CNF has determined to assist us in completing our goal. The CNS membership and other contributors have gotten us to the halfway mark. Now, with CNF's help it's time for us to realize our goal to make this award permanent as a testament to Philip Dodge's life's work. "

– Dr. Darryl De Vivo, Philip R. Dodge Endowment Steering Committee Chair

Contributions 2009 to October 1, 2013 [LIST OF CONTRIBUTOR, SUPPLIED BY CNS]

\$100,000+

Pediatric Epilepsy Research
Foundation (PERF)

\$40,000+

Children's Hospital Boston –
Neurology Foundation

\$10,000+

Peter Berman, MD
Darryl & Alicia De Vivo, MD
Texas Children's Hospital

\$5,000+

Roger Brumback, MD
Child Neurology Foundation
Marvin Fishman, MD
Pamela Follett, MD
Sidney Gospe, MD, PhD
Robert Greenwood, MD
Stanley Johnsen, MD
Mary Johnson, MD
Edward Kaye, MD
Medical Neurogenetics
Vinodh Narayanan, MD
Michael Noetzel, MD
Arthur Prenskey, MD
Huda Zoghbi, MD
SAGE - Journal of Child
Neurology

\$4,000+

Bradley Schlaggar, MD, PhD

\$3,000+

Gwendolyn Hogan, MD
Scott Pomeroy, MD, PhD
E. Steve Roach, MD & Lisa
Roach
Joseph Volpe, MD

\$2,000+

Amy R. Brooks-Kayal, MD, PhD
Donna Ferriero, MD
Bennett Lavenstein, MD
Jonathan Mink, MD, PhD
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James Riviello, MD
Nina Schor, MD, PhD
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Patricia Crumrine, MD
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Arayamparambil Anilkumar,
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Alma Bicknese, MD
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Robert Fryer, MD
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 Jonathan Bui, MD
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 David Dunn, MD
 Timothy Gershon, MD
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 David Hsieh, MD
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Claire Chee Excellence in Child Neurology Nursing Award



CHERYL FISCHER, RN,
MSN, CPNP

CHERYL FISCHER, RN, MSN, CPNP

*PROFILE WRITTEN BY
AMY VIERHILE, RN, MS, C-PNP*

The recipient of the 2013 Association of Child Neurology Nurses Claire Chee Nursing Excellence Award is Cheryl Fischer, RN, MSN, CPNP. Ms. Fischer is currently a pediatric nurse practitioner at Memorial Sloan Kettering Cancer Center in the outpatient Child Neurology/Oncology Department. Cheryl began her career at Memorial Sloan Kettering Cancer Center on the inpatient Unit in 2003 and after earning her Master's Degree in 2006, she remained at the institution, moving into the outpatient clinic, seeing patients with a variety of pediatric neuro-oncologic disorders. She has also recently joined the Neurofibromatosis Clinic and has taken over the management of the Retinoblastoma Clinic at her institution as well.

Cheryl was nominated by Dr. Yasmin Khakoo who describes her as "a true leader and a joy to work with; (her) clinical strengths include emergency neurologic care, end-of-life transitioning and education of patients and their families." Other colleagues submitted testimonials describing Cheryl's commitment to the care of children and her ability to individualize care and understand each child's journey as a separate experience. She is praised for her calm and compassionate demeanor and her reassuring manner in dealing with families undergoing extraordinary stress. Cheryl's knowledge in

pediatric oncology allows her to independently function as a practitioner, delivering high quality care while incorporating the expertise of others into her daily practice. Several patients sent in recommendation letters as well. They describe Cheryl as meticulous and detail oriented with a drive to obtain the best care for her patients and their families. One mother stated that Cheryl treats her son "as if he is her only patient" and describes Cheryl as the "go to" person for any questions or concerns regarding her son's neuro-oncology diagnosis.

In addition to her outstanding clinical care, Cheryl also finds time to act as a study coordinator for numerous clinical trials involving new treatments for childhood cancers and survivor revaccination.

She has published several articles (one as first author) in peer-reviewed journals, presents posters and teaches classes, and Cheryl also precepts nurse practitioner students. Cheryl has even established a journal club for pediatric advanced practice nurses at her institution. She is a member of the Association of Child Neurology Nurses, NAPNAP and the Association of Pediatric Hematology Oncology Nurses.

Dr. Yasmin Khakoo describes Ms. Fischer as "a true leader and a joy to work with; (her) clinical strengths include emergency neurologic care, end-of-life transitioning and education of patients and their families."

It is apparent from the supportive letters submitted that Cheryl is an extremely valued member of the Child Neurology team at Memorial Sloan Kettering Cancer Center. Her colleagues were effusive in their praise of Cheryl and strongly recommended her for this award. It is with great honor that the Association of Child Neurology Nurses awards the 2013 Claire Chee Nursing Excellence Award to Cheryl Fischer.



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EXPERIENCE COLUMBUS

COLUMBUS WELCOMES...

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

Downtown Districts

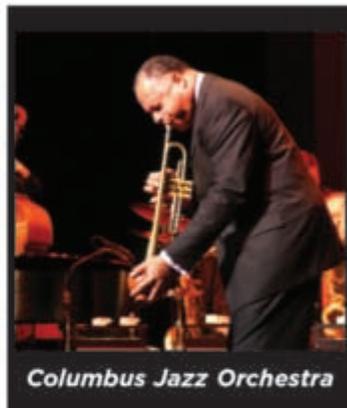
Downtown Columbus is surrounded by entertainment districts, filled with shopping, dining and other attractions. The **Arena District** is home to many restaurants, nightclubs and a plush movie theater. In the neighboring **Short North Arts District**, you'll find restaurants, galleries, boutiques and nightclubs. South of downtown are **German Village**, a restored historic district with charming homes and shops, and the **Brewery District**, with the nation's largest theater troupe, Shadowbox Live.



Short North Arts District

World-Class Arts & Culture

Spend your nights at one of Columbus' performing arts events. Among your choices are **BalletMet**, **Broadway Across America-Columbus**, the **Columbus Jazz Orchestra**, **The Columbus Symphony** and the **Contemporary American Theatre Company**. See world-class visual art at the **Columbus Museum of Art**, the **Wexner Center for the Arts**, **The King Arts Complex** and **Franklin Park Conservatory and Botanical Gardens**, the only botanical garden in the world with a permanent collection of glass artwork by Dale Chihuly.



Columbus Jazz Orchestra

Shopping To Suit Every Taste

Central Ohio is known for shopping, ranging from the eclectic boutiques in the **Short North Arts District** to **Easton Town Center**, just 15 minutes from downtown, where you'll find Macy's, Nordstrom and hundreds of specialty stores, along with one of the city's best

collections of restaurants and entertainment venues. Head 30 minutes north to **Polaris Fashion Place**, which has six anchors including Saks Fifth Avenue.

Nation's Best Attractions

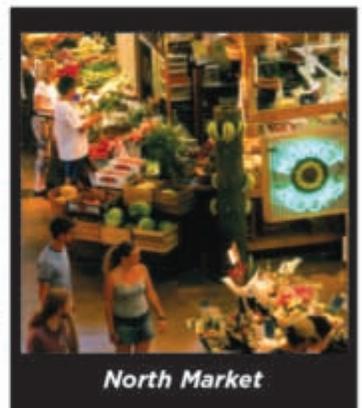
Central Ohio is packed with fun attractions. See polar bears swim underwater at the **Columbus Zoo and Aquarium**, voted the #1 zoo of America by *USA Travel Guide*. Get hands-on at **COSI**, the #1 science center in the country for families according to *Parents* magazine. Explore our two new downtown parks, **Columbus Commons** and the **Scioto Mile** along the downtown riverfront.

Respected Sports Scene

Scarborough Sports Marketing ranked Columbus the #1 Sports Town in the United States. The city earns the distinction with several professional teams, including the National Hockey League's **Columbus Blue Jackets**, Major League Soccer's **Columbus Crew** and the **Columbus Clippers**, the Triple-A affiliate of the Cleveland Indians. There's also the **Ohio State Buckeyes** and the **Jack Nicklaus Museum**, a tribute to both the Columbus native and the sport of golf.

A Foodie's Paradise

Columbus has one of the country's most innovative food scenes. From vegan to BBQ, you'll find hundreds of restaurants offering most every kind of cuisine. Don't miss the **North Market**, located across from the Greater Columbus Convention Center. It offers the finest in fresh and prepared foods.



North Market

Getting Here

Columbus—Ohio's capital and the 15th largest city in the United States—is located within 550 miles of more than half of the U.S. population. Five highways run through the city and Port Columbus International Airport (CMH) is 10 minutes from downtown. Find out more on experiencecolumbus.com.

CHILD NEUROLOGY SOCIETY Personnel Registry

CNS PERSONNEL REGISTRY CALIFORNIA

Pediatric Neurologists

The Department of Neurology, University of California, Davis, is seeking two board eligible/certified child neurologists for full time positions. The positions will be faculty in the UC Davis School of Medicine with offices and clinics located in Sacramento, California.

One position is at the Assistant/Associate Professor level in the Health Sciences Clinical Professor or Clinical Neurology series; the other position is a mid-career or senior level position at the Associate/ Full Professor level in the Health Sciences Clinical Professor, Clinical Neurology or In Residence series.

Candidates will participate as consultants on pediatric inpatients, education of residents, fellows, medical students, and participation in care of regular outpatient clinic settings. The successful candidates must possess an MD degree and a valid California Medical License or be eligible for licensure in the State of California; have completed an ACGME approved residency program in neurology, be board certified or eligible in child neurology, combined clinical interest in pediatric neurology and epilepsy is desirable; it is desirable that the candidates be board certified or board eligible in epilepsy with expertise in reading pediatric EEGs. The level of appointment will be commensurate with credentials. Responsibilities will include: clinical care, clinical teaching, research, (depending on series), and University/ public service; candidates should have the ability to work cooperatively and collegially within a diverse environment and the ability to adhere to policies and procedures.

Qualified applicants should upload a CV, names and contact information of three references online at <https://recruit.ucdavis.edu/>

For full consideration, applications should be received by November 15, 2013. However, positions will be open until filled February 28, 2014.

The University of California, Davis is an affirmative action/equal opportunity employer with a strong institutional commitment to the achievement of diversity among its faculty, staff, and students.

CNS PERSONNEL REGISTRY COLORADO

University of Colorado Instructor, Assistant or Associate Professor of Clinical Pediatric Neurology in the Department of Pediatrics, Section of Child Neurology

Childrens Hospital Colorado and the University of Colorado School of Medicine are searching for Child Neurologists including Epileptologists for their new locations in Colorado Springs and South Denver.

Colorado Springs campus is nestled at the base of Pikes Peak, Colorado Springs is a vibrant community of more than 500,000 people.

South Campus is located in Highlands Ranch area, in the southern metro Denver area and will have 12 inpatient beds and new state of the art outpatient clinics.

For more information, please contact Children's Hospital Colorado Section of Child Neurology at 720-777-8572 or apply online at <https://www.jobscatcu.com/> position # F00242 & F00245

Co-Medical Director Pediatric Neurology at the University of Colorado

Children's Hospital Colorado and the University of Colorado School of Medicine are searching for an Assistant or Associate Professor of Pediatric Neurology in the Department of Pediatrics, to act as the Co-Medical Director.

Co-Medical Director will receive 30-40% time for clinical operations oversight, 50-60% for delivery of inpatient and outpatient clinical care and 10-20% academic development.

Children's Hospital Colorado main campus is located in the Denver metro area near the Rocky Mountains, on the Anschutz Medical Campus which integrates patient care, research and education in the nation's newest health sciences city.

For more information, please contact Children's Hospital Colorado Section of Pediatric Neurology at 720-777-8572.

CNS PERSONNEL REGISTRY CONNECTICUT

Pediatric Neurology Opportunity Connecticut Childrens Medical Center Hartford, Connecticut

The Division of Pediatric Neurology of Connecticut Childrens Medical Center seeks an additional BC Pediatric Neurologist.

Currently, the Division consists of 7 Pediatric Neurologists, 3 RNs, and a Nurse Practitioner. The inpatient service includes a 2-bed EEG monitoring unit. They have specialty programs that include epilepsy, neuromuscular diseases, neurogenetic/ metabolic and neurocutaneous diseases and headaches.

CONNECTICUT continued

Interested candidates should be trained in Pediatric Neurology and possess fellowship training in EEG and Electrophysiology. The opportunity exists to participate in teaching and/or clinical research.

The position offers a competitive salary with a full and comprehensive benefits package. An academic appointment is available from the University of Connecticut.

According to U.S. News and World Report, Connecticut Childrens Medical Center has been named in the top 30 in the specialty areas of orthopedics, endocrinology and urology.

Connecticut Childrens is a 187-bed free standing hospital with an 18-bed PICU and a 32-bed NICU. They are committed with families to provide outstanding clinical care for children, and perform cutting edge clinical and basic research.

Connecticut Childrens maintains a Division of Research, a Research Center, a Childhood database Center for the University of Connecticut School of Medicine residency program in pediatrics. Connecticut Childrens Specialty Group, Inc. is a 140+ physician, multi-specialty pediatric group (medical and surgical), which is a subsidiary of Connecticut Childrens.

Please visit: www.connecticutchildrens.org.

To learn more about this position, please contact: Beth Briggs at 800-678-7858 or ebiggs@cejkasearch.com.

Connecticut Childrens is an Equal Opportunity Affirmative Action Employer. ID#149839C1.

CNS PERSONNEL REGISTRY DISTRICT OF COLUMBIA (WASHINGTON, DC)

Hiring Two Pediatric Neurologists

Childrens National Medical Center is seeking two outstanding pediatric neurologists, eligible at the Assistant or Associate Professor level, to join one of the nations largest clinical and research programs. The Divisions of Child Neurology and Epilepsy/Clinical Neurophysiology, along with the Gilbert Neurofibromatosis Center, Brain Tumor Institute, and Neuro-intensive Care (PICU, NICU, CICU) Programs, have more than 30 pediatric neurologists who participate in patient care, research, medical education, and advocacy.

Requirements include an MD or equivalent degree, eligibility for medical licensure in the District of Columbia, Maryland, and Virginia, and certification (or eligibility for certification) by the American Board of Psychiatry and Neurology in Neurology with Special Qualification in Child Neurology.

Applicants with expertise in epilepsy should also hold certification (or eligibility for certification) in clinical neurophysiology. Those with interest and/or experience in clinical/translational research are encouraged to apply. Applicants should address a letter of interest and curriculum vitae to:

Roger J. Packer, MD Senior Vice President, Center for Neuroscience and Behavioral Medicine Director, Gilbert Neurofibromatosis Institute Director, Brain Tumor Institute Children's National Medical Center Professor of Neurology and Pediatrics with Tenure The George Washington University School of Medicine

Please send all correspondence to Abby Ralph: Abby Ralph Center for Neuroscience and Behavioral Medicine Children's National Medical Center 111 Michigan Avenue NW Washington, DC 20010 Email: aralph@childrensnational.org

CNS PERSONNEL REGISTRY DELAWARE

Director of Epilepsy, Nemours Alfred I. duPont Hospital Pediatric Epilepsy Center

Nemours is seeking a Director of Epilepsy to join our team in Delaware.

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

To keep pace with the changing health care environment and build a healthier future for our children, Nemours has embarked on a multi-phase expansion to create a children's hospital like no other in the region. Upon completion in June 2014, the hospital will include private patient rooms, a new Pediatric Intensive Care Unit and a new expanded Emergency Department.

Ranked among the top 50 children's hospitals for neurology and neurosurgery care by *U.S. News & World Report*, the Pediatric Neuroscience Center at Nemours Alfred I. duPont Hospital in Wilmington, DE offers patients and families a disease-specific, patient-centered approach from diagnosis and treatment to rehabilitation through the integration of specialists from many different fields. We are seeking a Medical Director of Epilepsy to expand and lead our Pediatric Epilepsy Center. The Medical Director for Pediatric Epilepsy should be clinically superb and entrepreneurial, have a broad and deep understanding of epilepsy and EEG, and be passionately committed to patient care and resident education.

The Medical Director will lead the clinical and research programs of our Epilepsy Center, will ensure the achievement of Level IV designation for the Epilepsy Center by NAEC, and will be an active advocate for the Nemours Alfred I. duPont Hospital Pediatric Epilepsy Center throughout the community. The Level IV Epilepsy Center will provide comprehensive patient-centered care through the expansion of our current services, which include outpatient diagnosis and therapy, inpatient monitoring and diagnosis, medical management, advanced surgical treatments for the most severe cases, rehabilitation and community outreach.

Job Requirements

Applicants should be Board Certified in Pediatrics and in Neurology with special competence in Child Neurology and in Neurophysiology. Experience in an epilepsy program and in managing and developing physicians and staff, along with substantial research conducted in epilepsy care, is strongly preferred.

This individual will be eligible for faculty appointment at Jefferson Medical School.

For more information, please visit <http://careers.nemours.org/jobs/58071/>

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

Apply Here: <http://www.Click2Apply.net/td53srg>

CNS PERSONNEL REGISTRY FLORIDA

Pediatric Neurology Faculty

The Division of Pediatric Neurology in the Department of Pediatrics at the University of Florida is seeking faculty candidates with expertise in general neurology or neurology subspecialties including neuro-immunology, movement disorders, neuromotor disorders, or epilepsy.

The Department of Pediatrics at UF and Shands is the premier academic medical

center for children in northern Florida with robust clinical and research programs.

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

Interested candidates should submit a letter of interest and CV via e-mail to: Scott A. Rivkees, MD Chairman, Department of Pediatrics SRIVKEES@UFL.EDU

The University of Florida is an equal opportunity institution dedicated to building a broadly diverse and inclusive faculty and staff.

Director, Neuroscience Institute

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

The goals of the Neuroscience Institute is to provide comprehensive, multidisciplinary care for patients with neurological disorders, to develop meaningful patient and student education programs, and to establish an environment that will foster the growth of clinical and basic science research. The neurosurgeons and neurologists work closely with All Childrens specialists in pediatric neuro-oncology, pediatric neuroradiology, and neuropathology, along with the full range of pediatric subspecialty care. The multidisciplinary care team includes skilled physician assistants, nurse practitioners, nurses and technologists, working together to provide comprehensive care before, during and after hospitalization and handling approximately 1,300 inpatient discharges per year. The new Director will benefit from significant opportunities for personal and professional development. Efforts will be bolstered by an enriching collaborative relationship with JHM Baltimore for the continued development of cutting-edge educational and research programs in Autism, Developmental Medicine,

Psychiatry, Psychology, Psychiatry, and Hematology-Oncology.

Top 5-goals of the Neuroscience

Director will be:

1. Lead the growth of research efforts related to the neurosciences at ACH and promotion of academic efforts
2. Development of integrated care networks for the treatment of patients across the continuum of care
3. Recruitment of faculty and clinical physicians to expand the mission of ACH and the Neurosciences Institute
4. Identify care delivery protocols to decrease variation in treatment outcomes
5. Lead ACH in becoming the preeminent location for pediatric neurosciences in the state of Florida

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

All Childrens draws patients from throughout Florida, all 50 states and 36 foreign countries. Even the most fragile patients benefit from All Childrens highly specialized staff, services and facilities, including heart transplantation, blood and marrow transplantation, pediatric trauma services and one of the largest Neonatal Intensive Care programs in the Southeastern United States. All Childrens Hospital became part of the Johns Hopkins Health System (JHHS) and a fully integrated member of Johns Hopkins Medicine (JHM) on April 1, 2011.

All Childrens is the first U.S. hospital outside of the Baltimore/Washington, D.C. region to become integrated with JHM, which includes the Johns Hopkins University School of Medicine and The Johns Hopkins Hospital and Health System.

FLORIDA continued

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

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

CNS PERSONNEL REGISTRY ILLINOIS

Alexian Pediatric Specialty Group is recruiting a fourth pediatric neurologist to join an expanding pediatric neurosciences program.

Candidates must be BC/CE in Pediatric Neurology by the American Board of Psychiatry and Neurology. High priority will be placed on having a specific area of clinical and research interest. This is an excellent opportunity for an enthusiastic pediatric neurologist to join a dynamic team that includes neuropsychology, developmental pediatrics and neurosurgery. The Alexian Brothers Health System can help you build an exciting career as a key physician in our new free standing childrens hospital (PICU, level III NICU, state of the art neuroimaging) in the beautiful Northwest suburbs of Chicago. The Chicago land area speaks

for itself to those interested in great communities, a rewarding lifestyle, and access to varied cultural and recreational activities. We offer very competitive compensation, a comprehensive benefits package and collegial work environment. This is NOT a J-1 waiver position.

CONTACT:

hossam.abdelsalam@alexian.net

The University of Illinois at Chicago (UIC) Department of Pediatrics is seeking a Pediatric Neurologist to join the Division of Pediatric Neurology.

This division occupies a central role within the Department of Pediatrics. We seek neurologists who will help expand the clinical, educational and scholarly missions of the department. The department is situated within a large urban public medical school on a campus with intellectually rich resources that include schools of public health and pharmacy, programs in clinical and health services research, and a nationally recognized Department of Medical Education. Candidates with an area of special interest such as epilepsy and neuromuscular diseases are preferred. Rank and salary will be commensurate with experience and qualifications.

Qualified candidates must be MD and BC/BE in pediatric neurology. Review of candidates will begin immediately.

If you have any questions, please contact: Usha Raj, Department Head, (312) 413-2867. To apply, email letter of interest with CV to nthaka2@uic.edu. Please be sure to include PN905016 in the subject line of the email. US Mail: Nivid Thakar, Human Resources Office, Department of Pediatrics at UIC (m/c 856), 840 S. Wood Street, Chicago IL 60612.

UIC is AA/EOE.

Pediatric Neurologist Faculty Position – Loyola University Chicago

Loyola University Chicago-Stritch School of Medicine seeks fellowship trained Pediatric Neurologist for full-time faculty appointment in the Department of Neurology. Responsibilities include clinical care and training of residents and fellows.

Loyola University Health System (LUHS) is a private, Catholic-Jesuit healthcare provider based in the western suburbs of Chicago. With 800 licensed beds and over \$1 billion in revenues, LUHS is a nationally recognized academic medical center with a rich tradition of going beyond the illness to treat the



Discover a National Leader in Pediatric Neurology

The Pediatric Neurosciences Program at Children's Healthcare of Atlanta is one of the largest in the country, handling more than 2,400 pediatric neurological inpatient cases and performing over 1,400 neurosurgeries each year.* Our pediatric neurology team consists of 14 neurologists who are faculty members at the Department of Pediatrics at the Emory School of Medicine, one of the leaders in academic pediatric medicine. Currently, we're seeking the following:

- General neurologists
- Specialists in epilepsy, movement disorders, headaches, and neonatal neurology
- Clinical scientist in neonatal neurology
- Epilepsy fellow to start in July 2014 (two-year program with research and MPH through CDC)

At Children's Healthcare of Atlanta and the Department of Pediatrics at Emory School of Medicine, we offer the professionally enriching career you'd expect from one of the nation's leading pediatric healthcare systems. To learn more, contact Pryia Rice, Physician Recruitment, at prya.rice@choa.org or 404-785-8664; Ton DeGrauw, MD, PhD, at ton.degrauw@choa.org; or visit us at booth #27 at the 42nd Annual Meeting of the Child Neurology Society.

Apply today at jobs.choa.org/CNS.

*According to the Pediatric Health Information System (PHIS) in 2012.
**Some physicians and affiliated healthcare professionals who perform services at Children's Healthcare of Atlanta are independent providers and are not our employees.



Children's Healthcare of Atlanta is an equal opportunity employer.

whole person. LUHS believes that its Catholic heritage and Jesuit traditions of excellence, leadership, inclusiveness, respect and concern for others, and desire to help those who are less privileged in live advances the healing mission in the communities it serves. LUHS also believes that thoughtful stewardship; learning and constant reflection on experience improves all it does as it strives to provide the highest quality healthcare. LUHS is a member of Trinity Health, one of the largest Catholic Health Systems in the United States.

LUHS includes a core academic hospital (Loyola University Hospital) located on its main campus in Maywood, a community hospital (Gottlieb Memorial Hospital) located three miles from the main campus in Melrose Park, and an extensive network of more than 28 specialty and primary care centers in the Chicago suburbs. LUHS is home to approximately 7000 staff members, 650 full-time faculty members, and 600 residents/fellows.

Send current curriculum vitae and three letters of reference to Jose Biller, MD, Chairman of Neurology, LUC Stritch School of Medicine, Loyola University Medical Center Campus 2160 S. First Avenue, Maywood, IL 60153, email: jbiller@lumc.edu www.LoyolaMedicine.org

Loyola is an equal opportunity and affirmative action employer/educator with a strong commitment to diversifying its faculty.

Pediatric Neurology Opportunity - Southern Illinois University School of Medicine

The Department of Pediatrics, Division of Neurology, at Southern Illinois University seeks an additional board certified/board eligible Pediatric Neurologist.

Position offers competitive salary along with a full and comprehensive benefits package. A faculty appointment is available at the Assistant or Associate Professor Level based upon experience and track record. This is a tremendous

opportunity to further develop an established neurology program and participate in training residents and medical students. Leadership and research opportunities exist within the division and department and are encouraged and supported.

The Department of Pediatrics is rapidly expanding and has added numerous sub-specialists. Their main affiliate, St. Johns Childrens Hospital is a member of the National Association of Childrens Hospitals and Related Institutions, the only facility in their region dedicated to the well-being of children. They are also committed to education and have a fully accredited Pediatric residency training program.

Southern Illinois University School of Medicine is located in beautiful Springfield, the state capital. With a service area of 500,000 in central Illinois, Springfield accounts for more than 25 percent of the total population. Local residents have access to a wide variety of social, educational, artistic, historic and recreational activities that serve to enhance quality of life. Springfield has had the unique opportunity to capture a surprisingly urban business and social climate.

The SIU School of Medicine values a racially and culturally diverse workforce. Southern Illinois University is an affirmative action/equal opportunity employer. ID#138888C1.

CONTACT:

Beth Briggs at 800-678-7858
ebriggs@cejkasearch.com.

CNS PERSONNEL REGISTRY MINNESOTA

Pediatric Neurologist Faculty Position

The section of Pediatric Neurology at University of Minnesota Amplatz Children's Hospital at Minneapolis and Department of Neurology is seeking a Pediatric Neurologist. We seek ABPN Board certified/eligible enthusiastic pediatric neurologist who has general pediatric neurology skills and has or wants to develop further expertise in various subspecialties

of Pediatric Neurology including epilepsy, neurophysiology, genetic and metabolic disorders, neuro-oncology, neuroimaging, cerebrovascular, neonatal neurology. Separate positions are available for clinician and physician-scientist at an academic level appropriate to each individual qualifications and experience. Successful applicants should demonstrate excellence in clinical care, teaching, and institutional service and willing to collaborate with University of Minnesota's clinical, translational and basic science programs.

Duties & Responsibilities:

This is a dual hospital clinic-based position in a new tertiary state of the art teaching hospital. The successful candidate will participate in the care of patients with various neurological conditions supporting well-established multidisciplinary programs including cardiovascular, bone marrow transplantation, neonatology, oncology and others. The individual will actively participate in the teaching of medical students, residents and fellows at the University of Minnesota. The individual will be provided with opportunity and support for development or continuation of specific research interests in various aspects of neurology.

Program Description:

The Department of Neurology at the University of Minnesota is expanding its clinical and research capabilities in pediatric neurology in conjunction with the new University of Minnesota Children's Hospital. The Medical School is located on the Minneapolis campus of the University and is physically and administratively situated to interact with the enormous resources of the entire University. The Twin Cities community is culturally rich and diverse, with extensive artistic, literary and natural resources close by.

Interested applicants must apply online: For tenure track position For clinical scholar position

For additional information please contact: Gerald Raymond, MD Professor Department of Neurology University of Minnesota ggraymon@umn.edu

MINNESOTA

continued

Pediatric Neurologist

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

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

Childrens is committed to a vision of a regional center of excellence around pediatric neurosciences. This Neuroscience Center will bring all key subspecialties together under one roof, including epilepsy, all championing a highly integrated care model. This evolving program will have a dedicated inpatient unit targeted to open in late 2013 for epilepsy, and medical/surgical neurology, with state of the art video monitoring capability. The opening of our new PICU in 2012 has also increased our ability to do state of the art monitoring, and we are in the process of expanding the neonatal neurointensive care program.

Childrens has over 380 beds, including 100 NICU beds. Yearly, there are over 13,000 admissions, 22,000 surgeries, and 90,000 emergency room visits. The hospitals professional staff numbers more than 1,600 and represents all pediatric subspecialties. We offer an exciting opportunity in an organization that is 100% dedicated to serving children.

CONTACT:

Judy Brown, Manager of Physician Recruitment, Childrens Hospitals and Clinics of Minnesota, 612-813-8133 or judy.brown@childrensmn.org Website = www.childrensmn.org

CNS PERSONNEL REGISTRY NEBRASKA

Child Neurologist In Omaha

The University of Nebraska Medical Center College of Medicine and Children's Hospital & Medical Center are actively recruiting a board certified/board eligible Child Neurologist to join our team of 5 Child Neurologists.

The Division of Child Neurology is seeking an individual with a passion for providing world class patient care and teaching. An active research interest would be welcome. A faculty appointment would be commensurate with experience. Our division attracts patients from a large five-state region and has highly active outpatient clinics, a busy inpatient service as well as several outreach clinics throughout Nebraska.

Located in Omaha, Children's Hospital & Medical Center provides expertise in more than 30 pediatric specialty services to children and families across a five-state region and beyond. The 145-bed, non-profit hospital houses the only dedicated pediatric emergency department in the region and offers 24-hour, in-house services by pediatric critical care specialists and neonatologists.

Omaha is a vibrant city with a metropolitan population of 800,000. Offering excellent schools, Omaha is a safe, family-oriented town. Entertainment options are nearly endless with a new large convention center and arena that attracts the biggest names in music and sports. Omaha has become a major center for NCAA events including the College World Series, Volleyball Final Four, Regional Division I Basketball, and the 2008 and 2012 Olympic Swimming Trials. Omaha is the home of the largest community theater in the country, has an excellent symphony and opera, hosts top touring Broadway shows and concerts, and our own world class zoo. Property values are among the most affordable in the country for a city of this size. Omaha is consistently ranked as one of the most livable and family-friendly cities in the United States.

Please contact me or our physician recruiter, Brenda Krull. Brenda can be reached at 402-955-6971 orbkrull@childrensomaha.org.

Paul D. Larsen, MD Division Head, Pediatric Neurology Department of Pediatrics University of Nebraska College of Medicine Omaha, Nebraska 68198-2163 402-559-9539 pdlarsen@unmc.edu

Epileptologist/Child Neurology Opportunity in Omaha, Nebraska

The University of Nebraska Medical Center College of Medicine and Children's Hospital & Medical Center are actively recruiting a board certified/board eligible Epileptologist/ Child Neurologist to join our team of 6 Child Neurologists.

The Division of Child Neurology is seeking a physician that will aid in the development of our comprehensive Epilepsy program. We are seeking an individual with a passion for providing world class patient care, teaching and research. A faculty appointment would be commensurate with experience. This is the perfect opportunity to join a professional environment for breakthrough educational, research and clinical outcomes. Our team attracts patients from a large five-state region and has highly active outpatient clinics, a busy inpatient service as well as several outreach clinics throughout Nebraska.

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Please contact me or our physician recruiter, Brenda Krull. Brenda can be reached at 402-955-6971 orbkrull@childrensomaha.org.

Paul D. Larsen, MD Division Head, Pediatric Neurology Department of Pediatrics University of Nebraska College of Medicine Omaha, Nebraska 68198-2163 402-559-9539 pdlarsen@unmc.edu

Opportunity for Division Head, Child Neurology in Omaha Nebraska

The University of Nebraska Medical Center College of Medicine and Children's Hospital & Medical Center are actively recruiting a board certified Division Head to lead the Child Neurology division. This physician will join our team of 5 Child Neurologists. We are also actively recruiting an additional Child Neurologist and a new position for an Epileptologist.

The Division Head position is available due to a recent promotion within the College of Medicine. We are seeking an individual with a passion for providing world class patient care, teaching and providing leadership to advance our division to the next level. Research interest would be welcome. A faculty appointment would be commensurate with experience. Our division attracts patients from a large five-state region and has highly active outpatient clinics,

a busy inpatient service as well as several outreach clinics throughout Nebraska.

Located in Omaha, Children's Hospital & Medical Center provides expertise in more than 30 pediatric specialty services to children and families across a five-state region and beyond. The 145-bed, non-profit hospital houses the only dedicated pediatric emergency department in the region and offers 24-hour, in-house services by pediatric critical care specialists and neonatologists.

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CNS PERSONNEL REGISTRY NORTH CAROLINA

Assistant Professor, Pediatric Neurologist

We are seeking to expand and looking for an exceptional BC/BE Pediatric Neurologist to join us in our Mission to Care, Mission to Cure at Wake Forest Baptist Health.

This is an open-rank, faculty opportunity with the ideal candidate possessing the following qualifications

- MD/DO
- Pediatric Neurology Residency
- BC/BE by the American Board of Psychiatry and Neurology
- Successful record of clinical excellence; research experience, leadership; a strong interest in graduate medical education
- North Carolina licensure or eligible
- Rank will be commensurate with credentials and experience.

The department of Neurology is a multi-specialty, well-established and highly regarded academic department. Our Pediatric Neurology team includes a new 15 room clinic, five Pediatric Neurologists, two Nurse Practitioners and other dedicated healthcare professionals. The division also supports a competitive Pediatric Neurology Residency program. Responsibilities will focus on outpatient clinic activities but will include inpatient/consult care, clinical research, and teaching medical students, and residents during rounds or in faculty and resident continuity clinics.

It is the policy of Wake Forest Baptist Medical Center to administer all educational and employment activities without discrimination because of race, sex, age, religion, national origin, disability, sexual orientation or veteran status (except where sex is a bona fide occupational qualification or a statutory requirement) in accordance with all local, state, national laws, executive orders, regulations, and guidelines.

If you are an individual with a disability and need reasonable accommodation to participate in the application process, please contact the Office of Physician & Faculty Recruitment by phone (336) 716-7580.

Apply Here: <http://www.Click2Apply.net/tvjk2z2>

AD PLACEMENT

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

Deadline for placement in the December issue is November 20.

TO POST AN AD:

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

NORTH CAROLINA

continued

Carolinas Pediatric Neurology Care - Charlotte/Concord, NC

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

CHS is one of the largest public, not-for-profit health systems in the nation, operating more than 39 hospitals, over 700-plus care locations and employing more than 2,000 physicians. Carolinas Pediatric Neurology Care physicians are a part of over 125 pediatric subspecialists at Jeff Gordon Childrens

Hospital and Levine Childrens Hospital. Jeff Gordon Childrens Hospital has recognized programs in multiple pediatric specialties. Levine Childrens Hospital has been ranked among the top 50 Best Childrens Hospitals in the nation by U. S. News & World Report in six pediatric specialties. Both hospitals have a PICU and NICU. There are currently over 990 pediatric and family medicine referring physicians on medical staffs. CPNS offers a competitive income, incentives, scheduling flexibility, and a comprehensive benefits package.

CONTACT:

Sarah Foster
Email: sarah.foster@carolinashealthcare.org

Carolina Neurological Clinic - Employed, out-patient position!

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

CPN is a network of physicians dedicated to providing high value medical services. CPN has over 600 Board Certified Physicians and has established over 80 primary care and specialty practices located in the Charlotte area and surrounding communities. All of these physician practices fall under the umbrella and support of Carolinas HealthCare System.

Carolinas HealthCare System, one of the nations largest and most innovative healthcare organizations, provides a full spectrum of healthcare and wellness programs throughout North and South Carolina. We operate more than 39 affiliated hospitals; employ more than 2,300 physicians and service patients at more than 650 care locations.

CONTACT:

Sarah Foster
Email: sarah.foster@carolinashealthcare.org

CNS PERSONNEL REGISTRY OHIO

Child Neurologist

Join a dedicated team of 8 pediatric neurologists and 4 nurse-practitioners who are committed to providing quality patient care, research and education. The candidate we seek will be Board Certified or Board Eligible in Pediatric Neurology. Akron Childrens Hospital has been ranked in eight pediatric specialties in U.S. News

& World Reports 2012-13 Best Childrens Hospitals rankings including neurology and neurosurgery!

CONTACT:

Shawna Roach
Email: sroach@chmca.org

CNS PERSONNEL REGISTRY OREGON

Pediatric Neurologist

Help Build a Gateway for Better Health

When you join Northwest Permanente, P.C., a physician-managed, multi-specialty group of approximately 1,150 physicians providing care to 485,000 members in Oregon and Southwest Washington, you'll have the chance to practice in an environment that offers ample opportunity to pursue and achieve your personal and professional goals. You'll also benefit from a comprehensive network of support services, a schedule that's designed to ensure a healthy work/life balance, and a talented team of colleagues who share your passion for medicine and patient care.

PEDIATRIC NEUROLOGIST Portland, Oregon

We're currently seeking a BE/BC Pediatric Neurologist to join our collaborative practice. Our practice is outpatient-focused with an emphasis on comprehensive care for children with neurodevelopmental disorders, epilepsy, movement disorders and other general neurological issues.

We offer sophisticated outpatient neurotechnology services including routine, ambulatory and video EEG. At this time, this opportunity is primarily an outpatient position, but with a goal of increased hospital coverage. We offer a competitive salary and benefit package, including a comprehensive pension program, professional liability coverage, sabbatical and educational leave, generous retirement programs and more. Physicians are also eligible for Senior Physician and Shareholder standing after approximately 3 years with the group (must be Board Certified by this time).

To submit your CV and learn more about this opportunity, please visit our website at: <http://physiciancareers.kp.org/nw> and click on Physician Career Opportunities. Or call (800) 813-3762 for more information.

We are an equal opportunity employer and value diversity within our organization. No J1 opportunities.

CNS PERSONNEL REGISTRY
PENNSYLVANIA

Seeking 3rd FT BC/BE Pediatric Neurologist

PEDIATRIC NEUROLOGIST

Lehigh Valley Health Network (LVHN), in eastern Pennsylvania, is seeking a third full-time BC/BE pediatric neurologist. Our award winning health network is financially strong and committed to growing our pediatric specialty services. Successful candidate will have the opportunity to participate in the network's Neuroscience Center and with institutionally supported clinical research activities and medical education programs. Opportunities for teaching medical students and residents, and faculty appointment at the University of South Florida are available. Lehigh Valley Hospital is the only hospital in our region to be a member of the Children's Hospital Association. Patients admitted to LVH are covered 24/7 by an in-house team of pediatric hospitalists and intensivists. We offer excellent compensation and benefits. We are located in the beautiful Lehigh Valley, with excellent suburban public schools, 10 colleges and universities, safe neighborhoods and moderate cost of living. We are conveniently located between two great cities - 60 miles north of Philadelphia and 90 miles west of NYC.

CONTACT:

Please email your CV to Samantha.White@LVHN.org or call 610-969-0216

CNS PERSONNEL REGISTRY
SOUTH CAROLINA

**Academic Pediatric Neurology
Columbia, South Carolina**

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

The division is composed of one pediatric neurologist and one PNP. The plan is to expand to three pediatric neurologists with 2 to 3 PNPs. An adult neurology residency is scheduled to begin this year. The Department is a close partner with Palmetto Health and its Childrens Hospital and programs. In this position, you will practice purely consultative neurology and patient admissions will be handled by the Hospitalists.

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

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

TO LEARN MORE CONTACT:

Beth Briggs at 800-678-7858 x64454 or ebiggs@cejkasearch.com.

The University of South Carolina is an affirmative action/equal opportunity employer. Visit: www.palmettohealth.org. ID#146258C1.

**GENERAL PEDIATRIC NEUROLOGIST &
PEDIATRIC EPILEPTOLOGIST**

Greenville, SC Greenville

*This Place Is Amazing So is the difference
YOU can make*

Greenville Health System (GHS), the largest healthcare provider in South Carolina, is currently seeking a General Pediatric Neurologist and a Pediatric Epileptologist to join our dynamic team.

This practice has an approximate volume of 1,600 patients annually. This opportunity provides a mix of 80% outpatient with 20% inpatient as well as teaching responsibilities with pediatric residents, 3rd and 4th year medical students, and developmental/behavioral fellows. The outpatient practice offers EEGs and NCVs, performed by certified technicians. For Pediatric Epileptologists, this will be an excellent opportunity to expand the depth of our new Epilepsy Monitoring Unit.

The hospital system includes clinically excellent facilities with a total of 1,268 beds on 5 campuses. Our state-of-the-art Childrens Hospital houses a 50-bed medical-surgical unit, 79-bed Level-IV NICU, 12-bed PICU, 14 Hematology-Oncology beds, a 4-bed Level-III Epilepsy Monitoring Unit, a dedicated Pediatric ER and pharmacy, as well as outpatient services staffed by hospital-based pediatric specialists.

GHS offers 7 residency programs (including a top ranked peds residency program), 7 fellowships, and a 4-year medical education program: University of South Carolina School of Medicine Greenville, located on GHS Greenville Memorial Medical Campus, which offers the opportunity for many diverse academic pursuits and further involvement in medical education. We are a designated Level-I Emergency Trauma Center and also have a separate research facility.

Greenville, SC is a beautiful place to live and work and the GHS catchment area is 1.3 million people. Greenville is located on the I-85 corridor between Atlanta and Charlotte, and is one of the fastest growing areas in the country. We are ideally situated near beautiful mountains,

SOUTH CAROLINA

continued

beaches and lakes. We are able to enjoy a diverse and thriving economy, excellent quality of life, and wonderful cultural and educational opportunities.

GHS does not offer sponsorship at this time. Greenville Health System is an equal opportunity employer which proudly values diversity. Candidates of all backgrounds are encouraged to apply.

Please submit letter of interest and current CV to Kendra Hall, kbhall@ghs.org, ph: 800-772-6987.

CNS PERSONNEL REGISTRY TEXAS

Texas Pediatric Specialists / Texas Medical & Sleep Specialists is recruiting a pediatric neurologist, neurodevelopmentalist or pediatric PM&R to join its Houston practice. Join physician colleagues in a growing regional subspecialty group with neurologists and pulmonologists.

For neurologists, a clinical interest in general pediatric neurology practice is a must. Training in subspecialties such as epilepsy is desirable.

The successful candidate must possess an MD degree and a valid Texas Medical License or be eligible for licensure in the State of Texas; have completed an ACGME approved residency program in neurology, be board certified or eligible in child neurology.

Candidates must be collegial and cooperative within a diverse community oriented environment. Part-time applicants are welcome.

Enjoy the the benefits of a large practice while offering personalized care among colleagues.

Please contact Josh Rotenberg at jrotenberg@txmss.com with your CV to learn more.

Dr. Rotenberg will be attending the CNS meeting in Austin and welcomes the chance to meet colleagues.

CNS PERSONNEL REGISTRY WASHINGTON

Pediatric Neuromuscular/EMG Specialist University of Washington

The University of Washington School of Medicine and Seattle Childrens Hospital are seeking an outstanding pediatric neurologist with expertise in neuromuscular disorders and electrodiagnostic medicine (EMG) to join an expanding program in the Department of Neurology, Division of Pediatric Neurology. This is a full-time appointment at the Assistant Professor rank (without tenure) in the clinician-educator academic pathway, but candidates with exceptional qualifications may be considered for appointment at the rank of Associate Professor (without tenure) or Professor (without tenure). Requirements include an MD or DO or foreign equivalent degree, eligibility for medical licensure in the State of Washington, and certification by the American Board of Psychiatry and Neurology in Neurology with Special Qualification in Child Neurology, as well as certification in Neuromuscular Medicine and/or Electrodiagnostic Medicine or foreign equivalent. In order to be eligible for University sponsorship for an H-1B visa, graduates of foreign (non-U.S.) medical schools must show successful completion of all three steps of the U.S. Medical Licensing Exam (USMLE), or equivalent as determined by the Secretary of Health and Human Services.

APPLICANTS SHOULD SEND A LETTER OF INTEREST AND THEIR CURRICULUM VITAE TO:

Jennifer Schaulin Millican Solutions, Inc.
jennifers@millicansolutions.com (972) 768-5350

This position is open until filled. The University of Washington is building a culturally diverse faculty and strongly encourages applications from female and minority candidates. The University of Washington is an affirmative action, equal opportunity employer. University of Washington faculty engage in teaching, research and service.

Two Child Neurologists-University of Washington

The University of Washington School of Medicine and Seattle Childrens Hospital are seeking two outstanding pediatric neurologists to join an expanding program in the Department of Neurology, Division of Pediatric Neurology. Applicants should have strong clinical skills in general pediatric neurology, and will be expected to develop a subspecialty program. Applicants with clinical expertise in movement disorders are particularly encouraged to apply. These are full-time appointments at the Assistant Professor rank (without tenure) in the clinician-educator academic pathway, but candidates with exceptional qualifications may be considered for appointment at the rank of Associate Professor (without tenure) or Professor (without tenure). Requirements include an MD or DO or foreign equivalent degree, eligibility for medical licensure in the State of Washington, and certification by the American Board of Psychiatry and Neurology in Neurology with Special Qualification in Child Neurology. In order to be eligible for University sponsorship for an H-1B visa, graduates of foreign (non-U.S.) medical schools must show successful completion of all three steps of the U.S. Medical Licensing Exam (USMLE), or equivalent as determined by the Secretary of Health and Human Services.

APPLICANTS SHOULD SEND A LETTER OF INTEREST AND THEIR CURRICULUM VITAE TO:

Sidney M. Gospe, Jr., M.D., Ph.D.
Herman and Faye Sarkowsky Endowed Chair Head, Division of Pediatric Neurology Seattle Childrens Hospital
4800 Sand Point Way NE MB.7.420
Seattle, WA 98105 206-987-2078
sgospe@uw.edu

These positions are open until filled. The University of Washington is building a culturally diverse faculty and strongly encourages applications from female and minority candidates. The University of Washington is an affirmative action, equal opportunity employer. University of Washington faculty engage in teaching, research and service.

Pediatric Epileptologist Faculty Position

The Department of Neurology at the University of Washington and Seattle Childrens Hospital is seeking an outstanding pediatric neurologist with expertise in epilepsy and clinical neurophysiology to join a growing program. The Division of Pediatric Neurology currently consists of 15 full-time university faculty, with the multi-specialty epilepsy program consisting of four epileptologists, one epilepsy surgeon, two clinical neuropsychologists and multiple support staff including mid-level providers, nurse specialists, social workers and registered dietitians. The pediatric epilepsy program is a key component of the clinical, research and teaching programs of the Division of Pediatric Neurology and collaborates with the University of Washington Comprehensive Epilepsy Program. This full-time appointment will be at the Assistant Professor rank (without tenure) in the clinician-educator academic pathway, but candidates with exceptional qualifications may be considered for appointment at the rank of Associate Professor (without tenure) or Professor (without tenure). Requirements include an MD or equivalent degree, eligibility for medical licensure in the State of Washington, and certification by the American Board of Psychiatry and Neurology in Neurology with Special Qualification in Child Neurology. The candidate should also hold board certification in clinical neurophysiology. In order to be eligible for University sponsorship for an H-1B visa, graduates of foreign (non-U.S.) medical schools must show successful completion of all three steps of the U.S. Medical Licensing Exam (USMLE), or equivalent as determined by the Secretary of Health and Human Services.

APPLICANTS SHOULD SEND A LETTER OF INTEREST AND THEIR CURRICULUM VITAE TO:

Sidney M. Gospe, Jr., M.D., Ph.D. Head, Division of Pediatric Neurology Seattle Childrens Hospital 4800 Sand Point Way NE Neurology, Box 359300 (B-5552) Seattle, WA 98105 Email: sgospe@uw.edu

This position is open until filled. The University of Washington is building a culturally diverse faculty and strongly

encourages applications from female and minority candidates. The University of Washington is an affirmative action, equal opportunity employer. University of Washington faculty engage in teaching, research and service.

Pediatric Neurologist - Seattle

Seattle suburb - Seeking a second full time Pediatric Neurologist to join our Neuroscience Institute...Practice will be outpatient general child neurology with a focus in Neurodevelopmental Pediatrics...

We support a level 3 NICU & general pediatrics inpatient service...Pediatric services include a full service pediatric therapy program with expertise in Autism, Video EEG monitoring & sleep studies – The Medical Center is a component entity of the University (this is not an academic practice)...The dynamic non profit Medical Center recently completed a \$200 million remodel/ expansion. This is a employee model with excellent salary, sign on bonus, production income, malpractice insurance includes tail, excellent benefits.

Our request is for a Child Neurologist with experience/interest in Neurodevelopmental Pediatrics...

Washington state does not have a state income tax, enjoy the quality lifestyle of the Pacific Northwest, year round outdoor recreation, all the amenities of a major city, professional sports & the very best seafood.

MultiCare Mary Bridge Pediatric Neurology Clinic is seeking a full time BE/BC Neurologist to join a well-established Pediatric Neurology group of five board certified physicians. This is a general neurology practice with sub-specialization in epilepsy, sleep and neuromuscular disorders. There are 4 Video EEG dedicated monitoring beds and accredited sleep centers at multiple sites.

As part of Mary Bridge Hospital, you will have support from the inpatient service, pediatric ICU and a busy ER staffed by pediatric emergency medicine physicians.

Mary Bridge is the resource for pediatric subspecialty care in southwest Washington. It is an 82 bed facility, has a 24 bed PICU in addition to a 70 bed NICU and ICN. MultiCare employs 550+ providers with 130 pediatric subspecialists and 250+ primary care and general pediatricians. In addition, Mary Bridge is affiliated with many area pediatric groups. There is a robust adult neurology and epilepsy service for transitioning patients, which utilizes the same EMR and shares EEG and sleep platforms for excellent continuity of care.

MultiCare Health system is a progressive organization with an innovative practice model that provides much needed support to patients in the region, making this the career opportunity of your lifetime! As a MultiCare employed physician you will enjoy system-wide support, a competitive salary and a full array of benefits. This is an ideal choice for the provider who is looking to experience the best of Northwest living; from big city amenities to the pristine beauty and recreational opportunities of the great outdoors.

Please visit our website to apply online at <http://blazenewtrails.org/> or on your mobile device at m.blazenewtrails.org or email your CV to blazenewtrails@multicare.org.

MultiCare Health System is proud to be a drug free workplace.

CNS PERSONNEL REGISTRY WEST VIRGINIA

West Virginia Pediatric Neurology Opening 130703

Teaching facility with a four-year medical school University Department of Neuroscience Pediatric Neurology

- Join medical school Department of Neuroscience including Neurology, Neurosurgery & Neurophysiology
- Faculty members including Child & Adult Neurologists, as well as Functional, Pediatric & Spine Neurosurgeons
- Established, Accredited Long Term Epilepsy Monitoring Unit

WEST VIRGINIA

continued

- New Intensive Care Units and New \$30 Million Pediatric Tower to be completed in 2015
- Generous call schedule
- Excellent Salary plus Full Benefits and Academic Appointment Named One of Americas Top 10 Best Places to Practice Medicine
- Excellent Public and Private Schools
- NCAA Division I Intercollegiate Sports Teams
- Driving distance for skiing, water sports, hiking, etc.
- Short Distance to 4 Major Metro Areas
- Expanding Downtown Area, Concert Halls and a Theater Community

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

Mention Code 130703 - CHN - Rector

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

CNS PERSONNEL REGISTRY
WISCONSIN

BC/BE Pediatric Neurologist

Mayo Clinic Health System in Eau Claire, Wisconsin is seeking a BC/BE Pediatric Neurologist. We are also seeking an adult neurologist. EEG and EMG available. Full time preferred. Office located in the only hospital you cover. Position available due to retirement, with potential for further growth.

MAYO CLINIC HEALTH SYSTEM links Mayo Clinics respected expertise in patient care, research and education with Mayos community-focused multi-specialty groups in Minnesota, Wisconsin and Iowa. Today, more than 950 physicians

practice in the 75 Mayo Clinic Health System communities. Eau Claire, metro area of 161,000, is home to the 11,000 students at the University of Wisconsin-Eau Claire. Located 90 minutes east of Minneapolis, Eau Claire is a family friendly community with the cost of living below the national average, a low crime rate and strong public schools.

CONTACT:

Cyndi Edwards
Tel: 715-838-3156
Send CV to: edwards.cyndi@mayo.edu

EOE

Childrens Hospital of Wisconsin and the Medical College of Wisconsin are seeking pediatric neurology faculty applicants in the area of movement disorders, stroke, general neurology, and epilepsy to join our current eight faculty and six advanced practice providers.

Compensation is competitive, and the current team works in a collegial mutually supportive environment. The appointment levels are flexible depending on prior experience and current activities.

The Milwaukee suburban area enjoys fine schools, a reasonable cost of living, a new expanded work facility and outstanding community support for the Childrens Hospital of Wisconsin. Childrens Hospital of Wisconsin is one of the largest free standing childrens hospitals in the U.S. and enjoys strong financial stability.

The Medical College of Wisconsin and Children's Hospital and Health System are an AA/EOE Employer.

Interested candidates can contact the Medical Director of Pediatric Neurology, Kurt Hecox M.D, PhD by sending CVs to: Childrens Hospital of Wisconsin 9000 West Wisconsin Avenue Kurt Hecox c/o Kimberly Hughes CCC Suite 540 Milwaukee, WI 53226

UW Madison Pediatric Neurologist(s)

Applications are invited for three full-time clinical faculty positions in the Department of Neurology in the University of Wisconsin School of Medicine and Public Health.

One position will include 4 days of general pediatric neurology activity in Rockford, IL and 1 day in Madison, WI. Clinical duties would include outpatient and inpatient activities. Other duties would include teaching activities, and participation in community medical education.

Two positions will include 3-4 days of general pediatric neurology outpatient and inpatient activity in American Family Children's Hospital, University of Wisconsin Hospital and Clinics, community hospitals and clinics. Other duties would include teaching activities and participation in community medical education.

Candidates must be board certified or board eligible in neurology and committed to contributing in an active academic department through clinical and teaching activities.

PLEASE SEND CURRICULUM VITAE AND THE NAMES OF AT LEAST THREE REFERENCES TO:

Thomas Sutula, MD, PhD
Neurology Department Chair
Email: applications@neurology.wisc.edu

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.

CHILD NEUROLOGY SOCIETY Residencies & Fellowships

CNS PERSONNEL REGISTRY MASSACHUSETTS

Pediatric Cerebrovascular Disorders and Stroke Fellowship Position Department of Neurology, Children's Hospital Boston

The Cerebrovascular Disorders (CVD) and Stroke Program in the Department of Neurology, Children's Hospital Boston, invites applications from candidates interested in dedicated fellowship training in pediatric stroke and cerebrovascular disorders beginning 1 July, 2014. Our exciting program brings together expertise related to cerebrovascular disease and stroke in children from Child Neurology, Neurosurgery, Hematology, Neuroradiology, Interventional Neuroradiology, Emergency Medicine and Physical/Occupational Therapies. Our program comprises a year of clinical training in pediatric stroke and cerebrovascular disorders with an option for an additional year organized around a clinical research project with limited continuing clinical responsibility. The selected candidate will have appointments as a Clinical Fellow in Neurology at Children's Hospital Boston and Harvard Medical School.

INTERESTED APPLICANTS SHOULD WRITE WITH INQUIRY AND CV TO:

Michael J. Rivkin, M.D.
Children's Hospital Boston
Department of Neurology
300 Longwood Avenue, Pavilion 154
Boston, MA 02115

NEONATAL NEUROLOGY FELLOW

The Department of Neurology at Boston Children's Hospital is seeking a Clinical Research Fellow in Neonatal Neurology. The fellow would take part in clinical neonatal neurology training and research projects. Clinical training will include participation in the outpatient Neonatal Neurology Clinic, and the inpatient Neurocritical Care Consultation service that provides consults to three Newborn Intensive Care Units and a large Cardiac ICU, and attendance at relevant clinical conferences. The fellow will play a key role in an ongoing Phase I/II trial of a novel anticonvulsant to treat neonatal seizures. This is a multicenter trial taking place in the Newborn Intensive Care Units of Boston Children's Hospital, Massachusetts General Hospital, Brigham and Women's Hospital and Tufts Medical Center, all in Boston. The fellow will participate in subject enrollment and monitoring, including EEG data monitoring and analysis. The fellow will be primary investigator responsible for subject enrollment on weekdays, and will share weekend call for the study with other study investigators. Training in research methodology, statistical analysis and grant/manuscript writing is available and encouraged as a path to an academic career.

The ideal candidate should have completed training in pediatric neurology or neonatology and be interested in pursuing a career in clinical research in neonatal neurology. The start date for this position is July 1, 2014.

INTERESTED APPLICANTS SHOULD DIRECT INQUIRIES TO:

Janet Soul, MD,CM, FRCPC
Email: Janet.Soul@childrens.harvard.edu

Boston Children's Hospital and Harvard Medical School are Affirmative Action/Equal Opportunity Employers. We strongly encourage applications from women and minorities.

CNS PERSONNEL REGISTRY WISCONSIN

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

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

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

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

QUESTIONS SHALL BE ADDRESSED TO THE COORDINATOR:

Jenny Broihahn
Email: Broihahn@neurology.wisc.edu



Child Neurology Society
1000 West Cty Rd. E, Suite 290
St. Paul, MN 55126

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- Child Neuro News Wrap
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 - Seminar: Refractory Status Epilepticus: An Update
 - Seminar: Beyond “Seizure Disorders”: the New Classification of the Epilepsies

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- Future Leaders Program
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