2017
Neurology Residency Program

serve heal educate
To serve, to heal, to educate

Cooper University Health Care

Cooper Medical School of Rowan University
Welcome

As program director, I take great pride in the neurology residency program at Cooper University Hospital. Since our program started with only three residents in 2009, our reputation as an excellent training ground has spread throughout the country through our graduates, who have secured esteemed fellowships, are highly desired in the job market and have achieved a 100% board pass rate.

The diversity of our patients is the backbone of the educational experience. Exposure to patients with a broad spectrum of both common and uncommon neurological disorders as well as to patients with varied socioeconomic backgrounds reinforces a robust didactic curriculum. Residents assume greater responsibility as they progress through training, always with the support and supervision of enthusiastic faculty with broad clinical interests.

There is a very strong support for our academic mission, including comprehensive electronic resources, support from library staff, and a dedicated research institute. The learning environment is further enriched by our new medical school, Cooper Medical School of Rowan University, which offers teaching opportunities to trainees. There is abundant interaction between numerous academic programs to foster a multi-disciplinary approach to patient care and scholarly activity. Departmental and institutional support (including an annual poster competition), further create an environment conducive for research. Past and current residents have produced top-notch research—authoring over a dozen manuscript publications (six as first author), 30 presentations at National and International meetings, and numerous abstracts—in less than five years of our program’s existence!

This is truly a great environment for future neurologists to train. The unique atmosphere provides a strong emphasis on clinical neurology, yet also provides abundant exposure to clinical research and basic science enabling the graduating resident to explore careers in academics, research, clinical practice or to continue into subspecialty fellowship training.

I also take pride in the open dialogue between our residents and faculty. I meet with our residents regularly to improve our program any way possible. We encourage you to apply to our program so that you may visit us and see firsthand the exciting opportunities we offer.

Joseph V. Campellone, MD
Program Director
Dear Applicants,

Welcome to the Cooper University Hospital Neurology Program. We are delighted that you are interested in learning more about our hospital and its superb training opportunities. Cooper has a long history of excellence in education. Our resident graduates have been exceptionally well trained and are ready to take on any clinical or educational challenge.

You will find that our neurology faculty are regional experts in their subspecialty areas, such as our neuro-interventional stroke, epilepsy, neuromuscular and movement disorder programs. We are excited to add additional new faculty over the next several months that will further broaden the residents’ clinical experiences and enhance delivery of outstanding care. We are committed to your development as a person, a physician, and as a leader in the medical community. Our program’s size and structure make it an ideal choice for learning the “art and science” of neurology. Our residents cover only one hospital under the supervision of committed faculty, which provides opportunity for much more individualized instruction and personal development than possible at other programs.

The program benefits further from our collaboration with Cooper Medical School of Rowan University, providing resident trainees the opportunity to share their knowledge with enthusiastic 3rd year medical students. This collaboration encourages an environment conducive to team-focused patient care, safety, research and education. Our residents also benefit from neuroanatomy labs, pathology reviews, and SIM labs experiences also possible through our affiliation with CMSRU.

Please consider a visit to our department and hospital, during which I will be pleased to meet with you personally. Don’t hesitate to contact me if there is anything I can do to help you with your selection of a training program. This is one of the most exciting times in your professional career, and we look forward to helping you achieve your professional and personal goals, while having a little fun along the way.

Melissa A. Carran, MD
Cooper Medical School of Rowan University
Associate Professor and Chair of Neurology
Clinical Neurophysiology
3 Cooper Plaza, STE 320
Camden NJ 08103
(856)342-2445
The neurology residency program at Cooper University Hospital is a four-year categorical program offering three resident positions for each year of training. The program reinforces clinical patient care and scholarly pursuits through our most valuable resource—our patients with diverse neurological disorders and backgrounds.

Our state-of-the-art hospital provides training facilities for numerous residency programs and medical fellowships. House officers have primary patient care responsibility, while faculty serve to supervise and teach. This philosophy motivates trainees to become self-sufficient and confident graduates when they move on.

This is a very exciting time for our department, as we integrate into a multi-disciplinary, patient-centered Cooper Neurological Institute (CNI), which facilitates a team approach to improving the patients’ experience and outcomes. The department also continues to expand our faculty and services offered.

What makes Cooper a great place to train?

- All of our neurology inpatients are cared for by attending faculty neurologists. This ensures close supervision and interaction of attending physicians and house staff and excellent bedside teaching.
- Accessible full-time faculty dedicated to teaching and patient care.
- Emphasis on ambulatory care and the office practice of neurology.
- Our residents spend significant time in ambulatory settings, which prepares them for life after residency.
- An excellent, balanced mix of patients. Cooper is the only tertiary care hospital in southern New Jersey, hence receives a large number of tertiary referral patients.
- On-site biostatistician support for research projects.
- Online access to thousands of journals and medical texts, available 24 hours a day.
- A well-equipped conference room.
- Digital radiology accessible from all hospital workstations as well as remotely.
- EPIC electronic medical record system.
- Web-based procedure logging, duty hours documentation and evaluation.

Neurology residents and faculty work closely with experienced staff to facilitate patient care.
Our program was awarded five-year accreditation by the ACGME, attesting to the high quality educational content of our clinical and didactic curriculum.

House officers on the stroke service cover a 6-bed stroke unit and evaluate all vascular neurology patients in various settings throughout the hospital as well as manage critically-ill patients in our several intensive care units. The general neurology service residents evaluate patients for non-stroke consultations as well as manage patients admitted to the neurology unit, including a 4-bed epilepsy monitoring unit. Senior neurology residents have great flexibility rotating through a wide variety of subspecialty experiences. Senior residents also assume more responsibility directing and teaching junior residents and medical students.

Residents get significant exposure to outpatient neurology through designated monthly rotations in general neurology and subspecialty electives. This is supplemented by a continuity clinic in which residents acquire and follow their own, recurrent patients throughout the three years of their training.

Much of the PGY-2 year is spent taking care of patients on the neurology service and performing consultations in the inpatient setting. The remaining time as PGY-2 consists of rotations in neurosurgery, general outpatient neurology and psychiatry.

Senior neurology residents at Cooper will rotate through subspecialty elective experiences in neuromuscular disease, movement disorders, epilepsy, and others. Cooper’s position as the only tertiary referral center in South New Jersey provides residents exposure to patients with diverse and unusual problems that offer exceptional educational experiences in the various subspecialties. Our epilepsy, neuromuscular and movement disorder programs enable residents to participate in the care of patients with complex disorders, as well as large volumes of more ‘typical’ neurological conditions. Cooper’s deep brain stimulator and botulinum toxin programs, stroke program and epilepsy monitoring unit attract referrals from many local providers and hospitals.

**Required Rotations**

- Inpatient neurology service
- Consult service
- General outpatient neurology
- Neurosurgery
- Child neurology
- Psychiatry

**Electives**

- Neuromuscular/electromyography
- Neurocognitive disorders
- Neuro-rehabilitation
- Epilepsy/EEG
- Neuro-critical care
- Pain management/headache
- Movement disorders
- Neuro-radiology
- Research

CooperHealth.edu
Pediatric Neurology at Cooper

The division of child neurology at Cooper University Hospital is one of many excellent specialties available at Children's Regional Hospital at Cooper. Pediatric neurologists at Cooper care for inpatient and outpatients with a broad array of conditions including Tourette syndrome, autism, ADHD, pediatric epilepsy, congenital neurological disorders, neurocutaneous syndromes and many others. Residents rotating on the service will be exposed to many ‘bread and butter’ pediatric neurology disorders as well as manage children with uncommon disorders and critical illnesses. Pediatric neurology faculty are on-site at Cooper University Hospital and are supported by the finest general pediatricians and many other pediatric subspecialties.

Neurology Didactics

There are a variety of daily conferences providing essential basic science and clinical instruction. The didactic curriculum is very flexible and topics are adjusted frequently in response to the needs and interest of the residents. As a group, our residents consistently perform above average on in service exams and feel confident and well-prepared to take their board exam. Bioethics, finances of medicine and other contemporary subjects are integrated into the curriculum to provide residents additional interesting, relevant & useful information.

- Morning report
- Basic science discussion
- Journal club
- Case presentation
- Neurology grand rounds
- Clinical pearls
- Epilepsy surgery conference
- Neurological disorder topic of the week

Child Neurology Faculty

Michael Goodman, MD
(Chairman and Chief of Pediatrics)

Thomas Drake, MD

Caroline Eggerding, MD

Amir Pshytcky, MD

Thomas P. Drake, MD

Evelyn M. Gonzalez, MD

Debbie Sharp, APN

Nora Vizzachero, APN
Resident Resources

- Full-text online access for more than 1600 journals available 24 hours a day
- A well-equipped conference room
- Digital radiology available in all patient care areas and conference rooms
- EPIC electronic medical system
- A web-based ethics and professionalism curriculum
- Web-based procedure logging, duty hours documentation and evaluation

Resident Career Paths

Our neurology residents have secured prestigious fellowship positions including:

University of Florida  Movement disorders
Cleveland Clinic  Neuro-critical care
Drexel/Hahnemann  Neurophysiology
Duke  Neuro-critical care
Hershey Medical Center  Vascular Neurology
Medical College of Wisconsin  Neurophysiology
Cedars-Sinai  Neuro-critical care
University of Miami  Neuro-critical care
University of Pennsylvania  Epilepsy
University of California SD  Vascular Neurology
NYU  Movement disorders
Vanderbilt  Neurophysiology
Adult Neurology Faculty

Our faculty represent experience across a wide array of neurological subspecialties and more importantly, enthusiastic and experienced educators.

Jessica Bryson, PA-C received her undergraduate degree in Biology from Stockton University in Pomona, NJ and her Master’s Degree in Medical Science in Physician Assistant Studies from Salus University in Pennsylvania. She cares for patients in the outpatient clinic suffering from stroke and general neurologic conditions. Working closely with Dr. Syrow, she also has a special interest in headaches/migraines and is integral to Group Visits through the Cooper Advanced Care Center, where she helps treat patients suffering from migraines.

Evren Burakgazi, MD received her medical degree from Istanbul University School of Medicine. She completed her residency in Neurology at George Washington University School of Medicine, where she was recognized as Resident of the Year. After completing a fellowship in Clinical Neurophysiology and Epilepsy at the University of Pennsylvania School of Medicine, Dr. Burakgazi was Co-Director of the Epilepsy Monitoring Unit and an Assistant Professor of Neurology at Virginia Commonwealth University Medical Center – MCV Campus, Richmond, VA, before coming to Cooper. Dr. Burakgazi specializes in the diagnosis and treatment of epilepsy, pre-surgical evaluation and intracranial epilepsy monitoring. Special interests include the role of hormones in epilepsy, cardiac aspects of status epilepticus and refractory epilepsy, pharmacokinetics of antiepileptic drugs and their interactions with other drugs.

Dr. Burakgazi has been principal investigator or sub-investigator on a number of external grants and is a contributor to numerous journals and abstracts. She is also a member of several scientific, honorary, and professional societies: the American Academy of Neurology, American Epilepsy Society, American Clinical and Neurophysiology Society (ACNS). She also serves as a member of the AAN Anti-epileptic Drugs Efficacy and Safety Guideline Committee.

Merin Campbell, Psy.D. earned her doctoral degree in psychology and certificate in clinical neuropsychology at Widener University’s Institute for Graduate Clinical Psychology. She completed a post-doctoral fellowship in neuropsychology within the department of neurology at the Hospital of the University of Pennsylvania. She conducts comprehensive outpatient neuropsychological evaluations, inpatient consultations, and individual psychotherapy sessions. Although Dr. Campbell primarily sees adults and older adults with neurological conditions (e.g., dementia, movement disorders, epilepsy, TBI, tumor, stroke, MS), she is also a certified school psychologist and experienced with pediatrics and adolescents. She is particularly interested in the role of neuropsychology in neurointerventional and neurosurgical procedures, such as Wada and intraoperative brain mapping.

Joseph V. Campellone, MD is the Program Director for the Neurology residency program. He has been with Cooper University Hospital since 1996 and is Medical Director of the Electromyography Laboratory and is board-certified in Neurology, Neuromuscular disease and Electrodiagnostic Medicine. Professor of Neurology at Cooper Medical School of Rowan University (CMSRU), Dr. Campellone has great interest in education. He is previous director of the Neurology clerkship for Robert Wood Johnson Medical School and current clerkship director for the CMSRU Neurology clerkship. He is a recent recipient of the UMDNJ Foundation “Excellence in Teaching” award and is also a small group facilitator for Scholar’s workshop at CMSRU. Dr. Campellone has authored numerous manuscripts, presented at national and local meetings and has reviewed for several medical journals. A member of the American Academy of Neurology, Dr. Campellone has served on several committees.
for the American Association of Electrodiagnostic and Neuromuscular Medicine and is on the Medical Advisory board of the Garden State Chapter of the Myasthenia Gravis Foundation. Dr. Campellone has a particular interest in myasthenia gravis, neuropathy and other neuromuscular disease, as well as electrodiagnosis.

Melissa Carran, MD is the interim Chief and Chair of the Department of Neurology. A graduate of University of Cincinnati, College of Medicine, she completed neurology residency and subsequent Fellowship in Epilepsy at Thomas Jefferson Hospital. She is an Assistant Professor of Neurology at CMSRU. Dr. Carran is board-certified in Neurology and Clinical Neurophysiology, with over 10 years of experience as an attending Neurologist and Epileptologist. She has also been an examiner for the American Board of Psychiatry and Neurology and is a member of the Recertification Committee.

Dr. Carran's practice includes treating and managing epilepsy, including women’s health, developmental issues, and evaluations for epilepsy surgery. She also participates in several studies of investigational treatments for epilepsy.

Andrea Casher, PsyD is a board certified clinical neuropsychologist. She has practiced for almost twenty years, evaluating individuals with a wide variety of neurologically based cognitive disorders, including dementia, multiple sclerosis, traumatic brain injury, stroke, brain tumors, and epilepsy. Dr. Casher maintains an active role training neuropsychologists in the New Jersey and Philadelphia area, and working with professional societies and patient advocacy groups. Her expertise is critical to the multi-discipline approach to several Cooper Neuroscience programs, including neurosurgical interventions in patients with epilepsy. Dr. Casher also participates in clinical research projects.

Amy Colcher, MD joined Cooper University Hospital as Director of the Cooper Neurological Institute Movement Disorders division after 15 years at the University of Pennsylvania. She earned her medical degree from Jefferson Medical College and then completed her neurology residency training at Georgetown University and fellowship in Movement disorders at the University of Pennsylvania. A well-known authority in movement disorders, Dr. Colcher has authored numerous articles and book chapters.

A Diplomate of the American Board of Psychiatry and Neurology, Dr. Colcher serves on the board of the Eastern Pennsylvania chapter of the Huntington’s Disease Society of America. She is involved in Clinical research and conducts trials on Huntington’s disease, Parkinson’s disease, and other movement disorders. She treats patients with dystonia, and has expertise in the use of Botulinum toxins. She sees patients with Parkinson’s disease, Multiple system atrophy, Progressive Supranuclear Palsy, essential tremor, Ataxia, and Huntington’s disease and other movement disorders. Dr. Colcher also enjoys teaching trainees and in addition to providing clinical instruction to neurology residents, Dr. Colcher is active as a small group leader at CMSRU and precepts several medical students.

Bradley Grayum, MD is a graduate of Hahnemann Medical School and the NYU/Bellevue Neurology residency program and a fellowship in Neuromuscular Disease at Downstate Medical Center. He is board-certified, with added qualifications in Vascular Neurology and is also certified in electrodiagnostic medicine through the American Board of Electrodiagnostic Medicine.

With an active practice focusing on neuromuscular disease, Dr. Grayum also served as Director of the stroke program during a long career at Crozer Chester Medical Center, participating in many clinical stroke trials. Since recently coming to Cooper, he maintains an interest in both stroke and neuromuscular disease and has been acknowledged as ‘Top Doc’ several times by various local publications, including Philadelphia magazine.

Dr. Grayum brings enthusiasm and experience as an instructor to our residents. He was named Educator of the Year at Crozer Chester Medical Center in 2012 and received a teaching award from Drexel University in 2014.

Tapan Kavi, MD completed his medical education at Pramukh Swami Medical College, India and returns to Cooper after completing his neurology residency at Cooper and subsequent Neurocritical Care fellowship at Cedars-Sinai Medical Center.
Dr. Kavi’s return to Cooper continues the tradition of providing excellent training to neurology residents and medical students. He is very enthusiastic about adding to the neurocritical care aspect of Cooper’s intensive care services provided at Cooper. Dr. Kavi is passionate about providing care to patients during the acute phase of neurologic injury with special interests in cerebral autoregulation, anoxic brain injury and subarachnoid hemorrhage.

Andrew McGarry, MD is an alumnus of UMDNJ and Cooper Hospital for medical school clerkships and completed neurology residency at the University of Rochester. He subsequently completed a fellowship in movement disorders and experimental therapeutics at Rochester. He is board certified in neurology and belongs to the American Academy of Neurology, Alpha Omega Alpha Medical Society, Parkinson’s Study Group, Huntington’s Study Group, and Movement Disorder Society. He serves on the HSG Clinical Trial Science and Ethics Review Committee.

Dr. McGarry’s interests include Parkinson Disease, Huntington’s Disease, spinocerebellar ataxias, and novel treatments for rare movement disorders. His clinical involvement includes delivery of botulinum toxin, deep brain stimulation management, resident education, and medical treatment of tremor, chorea, dystonia, tics, and myoclonus of varying etiologies. Dr. McGarry has interest in cellular mechanisms of neurodegeneration and the development and implementation of clinical trials in movement disorders, and has published numerous abstracts, papers, and book chapters in movement disorder research. He was voted “Top Doctor” in South Jersey magazine’s 2014 patient poll.

Ly Ngo, MD received her medical degree from Jefferson Medical College. She then completed neurology residency at Thomas Jefferson University Hospital followed by fellowship training in Clinical Neurophysiology at the University of Maryland Medical Center. Dr. Ngo sees general neurology patients with an additional focus on EEG interpretation and administration of botulinum toxin for chronic migraine.

Dr. Ngo was previously on the faculty at Thomas Jefferson University Hospital and maintains an active role in teaching and mentoring of medical students and residents.

Mark Rader, PhD is a licensed clinical neuropsychologist who has been in active practice for over thirty years. He has been with Cooper University Hospital since 2005, where he conducts neuropsychological evaluations, sees patients for individual psychotherapy, and is on the inpatient consultation service.

Currently an Assistant Professor of Neurology at the CMSRU, he is actively involved in the training and supervision of pre- and post-doctoral students in neuropsychology and medical students. His experience includes inpatient and outpatient rehabilitation with a special focus on the diagnosis and treatment of traumatic brain injuries and emotional disorders arising from them. He has published and presented on many topics related to TBI and has also volunteered his time leading a support group since 2001.
Larisa Syrow, MD completed her undergraduate studies at SUNY Binghamton and subsequently received her medical degree from SUNY Upstate Medical University. She completed residency in Neurology at Albert Einstein/Montefiore Medical center, followed by fellowship training in Clinical Neurophysiology at Hahnemann/Drexel Medical Center. She sees general neurology patients and has a special interest in patients with headaches / migraines, performing EMGs, interpreting EEGs and delivering botulinum toxin injections.

Dr. Syrow has maintained an active role in teaching neurology to medical students and residents for which she has won many awards. She also has experience and interest in teaching medical Spanish and facilitating healthcare to the Spanish-speaking population.

Ryna Then, MD earned her Medical Degree from Instituto Tecnologico De Santo Domingo, Dominican Republic and joins Cooper University Hospital after a Vascular Neurology fellowship at Albert Einstein College of Medicine/Montefiore Medical Center. As director of the inpatient stroke unit, she has a great clinical interest in treating challenging and critically ill patients with various neurological disorders, particularly those with complicated strokes.

Dr. Then's enthusiasm for teaching has been acknowledged through awards for outstanding achievement in teaching medical students. Fluent in Spanish, Dr. Then is a dedicated advocate for her patients and works tirelessly to provide outstanding and compassionate care to the people in great need. Dr. Then is active in frequent outreach projects throughout southern New Jersey, with a focus on promoting stroke awareness and prevention in the community. This enthusiasm resulted in her receiving the ‘Outstanding Hispanic Woman’ award in 2015, to women who have made a difference in the Hispanic community, granted by El Diario.

Michael Weston, MD joins the Neurology faculty after completing his residency at Cooper. Dr. Weston graduated from the University of Pennsylvania with a degree in Cognitive Science and attended Windsor Medical School. He has presented research posters at the AAN annual meeting. Dr. Weston's focus is on general neurology with an emphasis on multiple sclerosis. Dr. Weston has received accolades from medical students and junior residents for his compassionate teaching abilities and mentorship, further complementing our robust educational resources.
Our vast diversity of patients and passionate faculty foster an environment that has led to numerous scholarly works by our residents. Academic pursuits are encouraged through special stipends for publication and presentation as well as availability of a research elective. Our residents (in red) have an admirable track record of scientific publications (below) working in conjunction with passionate faculty (in blue) to generate numerous manuscripts, poster presentations and abstracts.

**Manuscript Publications and Book Chapters**


Neurology Resident Research (continued)

What our graduates are saying...

“A graduate of this program would be well equipped to go directly into practice or be prepared for a fellowship of their choice.”

Umer Akbar
Class of 2012
Director, Movement Disorders Program
Assistant Professor, Brown University/Rhode Island Hospital


Poster and Platform Presentations

- Dham B. Prevalence and risk factors associated with acute ischemic stroke among HIV positive individuals: Preliminary analysis from a large administrative database. European Stroke Conference, Barcelona, Spain. May 2010

- Dham B. Epidemiology and cognizance of migraines in teenagers. 53rd Annual American Headache Society (AHS) Conference, June 2011

- Akbar U, Rincon F. Asystole after right insular ischemic stroke: understanding the heart and brain connection AAN annual meeting 2011

- Akbar U. Does epilepsy increase the risk for pacemaker placement? AAN annual meeting 2011


- Akbar U, Carran M. Benign-histology meningioma with extracranial metastasis. ANA annual meeting, September 2011

- Akbar U, Burakgazi E, Kelly JJ. Valproate-responsive subclinical rhythmic electrographic discharges (SREDA) in a migraineur. ANA annual meeting, September 2011

- Shah U, Akbar U, Wang C. Periodic lateralizing epileptiform discharges (PLEDs) causing persistent magnetic resonance imaging (MRI) changes in ipsilateral thalamus. Poster presentation; ANA annual meeting, September 2011

- Assadi M, Dham B, Zerafati G, Veloski J, Leone P. Motor asymmetry in SCAs. ANA annual meeting, September 2011
Neurology Resident Research (continued)

- Velazquez Y, Akbar U, Burakgazi-Dalkilic E. Fatal dysautonomia associated with acute bacterial meningitis. ANA annual meeting, September 2011
- Dham B. “Benign-Histology Meningioma with Extracranial Metastasis.” Poster presentation; ANA annual meeting, September 2011
- Dham B, Assadi M. Motor Asymmetry in SCAs. Poster presentation; ANA annual meeting, September 2011
- Dham B “The Epidemiology of Status Epilepticus in the United States.” Platform presentation, AAN annual meeting; April 2012. (Research selected among “top 5 %”)
- Shah U, Carran M. Neurosarcoidosis with granulomatous necrosis. ANA annual meeting; April, 2012
- Kavi T, Velazquez-Rodriquez Y, Mirsen T, Campellone J. Effects of Physiologic Derangements on Outcome of Acute Ischemic Stroke patients after Intravenous Thrombolysis. 10th Annual Neurocritical Care Society Meeting, October 2012.
- Kavi T, Moussavi M, Kirmani J, et al. UCSF ICH Grading System is a better prognostic tool for spontaneous intracerebral hemorrhage when assessed at 24 hours after the event. 5th Society of Vascular and Interventional Neurology annual meeting, October 2012.
- Akbar U. Disparities in outcome of patients transferred from referring hospital emergency department with intracerebral hemorrhage versus another medical-surgical illness: a case-control study. AAN annual meeting, April 2013
Neurology Resident Research (continued)


- **Shah R, Kavi T, Wang C.** Timing of EEG in Correlation to Prognosis in Post-Cardiac Arrest patients treated with Therapeutic Hypothermia. Platform Presentation, AAN annual meeting, March 2013

- **Alam S, Then R.** Successful Thrombolysis and Thrombectomy in a Patient with Extensive Cerebral Venous Thrombosis. AAN annual meeting, March 2013


- **Bodofsky E, Cohen JS, Schindleheim A, Campellone JV, Caten H.** Contraction Induced H-Reflexes in the Diagnosis of Cervical Radiculopathy. AANEM Annual Meeting, October 2014.

- **Klinov V, Campellone JV.** Comparison of length of hospital stay between treatment with plasma exchange versus IVIg in mild Guillain-Barré Syndrome. AAN Annual meeting, April 2015

- **Then R, Patel M.** Rare case of central nervous system invasion of mantle cell lymphoma with serial negative magnetic resonances: Case report and Literature review. AAN annual meeting, April 2015.


- **Taneja R, Campellone JV, Carran M, Then R.** Sustained hippus during electrographic status epilepticus and periodic lateralizing epileptiform discharges. Camden Scholar’s forum, Cooper Research Institute, April 2015


· Taneja R, Syrow L. “Acute Inflammatory Demyelinating Polyneuropathy with voltage gated calcium channel antibodies”. Accepted for presentation at AANEM annual meeting October 2015. Winner of AANEM Foundation for Research and Education Junior Member Recognition Award.


Published Abstracts


· Velazquez-Rodriguez Y, Akbar U, Campellone J, Mirsen T. Physiologic Markers and Echocardiogram as Outcome Predictors in Patients with Acute Ischemic Stroke after Receiving Thrombolysis. Neurocritical Care (2012) 17:S1–S337

Neurology Resident Research (continued)

- **Carran M, Velazquez-Rodriguez Y.** High Lipoprotein (a) in Postpartum Epilepsy. *Epilepsy Currents* 2012;(12 Supp)


**Ongoing Research Activities**

- Surgical Replacement and Transcatheter Aortic Valve Implantation (SURTAVI)

- Platelet Oriented Inhibition in New TIA Trial (POINT)

- Antihypertensive Treatment of Acute Treatment of Acute Cerebral Hemorrhage Trial (ATTACH-II)

- A Multi-center, Double Blind Randomized, Placebo Controlled Trial to Determine Efficacy and Safety of Ganaxolone as Adjunctive Therapy for Adults with Drug Resistant Partial Onset Seizures followed by Long-Term Open Label Treatment

- Clobazam use in Epilepsia Partialis Continua - Pilot Study. A phase III, randomized, open label, single center, study on the effects of treatment of Epilepsia Partialis Continua with clobazam compared to treatment with or in addition to lorazepam and/or clonazepam.

- A Randomized, Double Blind, Placebo-Controlled Study of the Safety and Efficacy of Intranasal Midazolam (USL261) in the Outpatient Treatment of Subjects with Seizure Clusters. ARTEMIS-1 Acute Rescue Therapy in Epilepsy with Midazolam Intranasal Spray

- Enroll-HD: A Prospective Registry Study in a Global Huntington's Disease Cohort

- Unplanned Hospital Readmissions in Neurology Patients – (Neuro Readmit -1)

- Platelet-Oriented Inhibition in New TIA and minor ischemic stroke (POINT)

- Antihypertensive Treatment of Acute Cerebral Hemorrhage (ATACH)-II - A Phase III Randomized Multicenter Clinical Trial of Blood Pressure Reduction for Hypertension in Acute Cerebral Hemorrhage

- Long term, prospective, multinational, parallel-cohort study monitoring safety in patients with MS newly started on fingolimod once daily or treated with another approved disease-modifying therapy (PASSAGE)
How to Apply

The Neurology residency at Cooper is a categorical program, including PGY1 year of preliminary Internal Medicine. The Medicine program at Cooper provides future Neurology residents a strong foundation, on which interns are exposed to diverse medical conditions that prepare them for a career in Neurology. The innovative curriculum incorporates diverse learning experiences such as simulation lab and a variety of clinical rotations that allows trainees to develop the skills they will use in their future careers.

The neurology program has no specific minimum requirements for Board scores, grades, etc. We evaluate the merits of each application based on a number of factors, trying to consider which applicant is best suited for a career in neurology. Due to the competitive nature of our program, candidates with superior grades and scores are more likely to be invited to interview.

Unfortunately, visas other than J1 cannot be accommodated.

Our interview slots fill up quickly. We encourage interested candidates to apply as early as possible.
The Cooper Campus and Surrounding Area

It is extraordinary to have such a high concentration of leadership at one institution but, then, Cooper is an extraordinary hospital.

Cooper University Hospital is the center of a growing health science campus that includes the main hospital, Cooper Medical School of Rowan University, MD Anderson Cancer Center at Cooper, the internationally acclaimed Coriell Institute for Research, Three Cooper Plaza medical offices and the Ronald McDonald House.

Adjacent to the Cooper Plaza/Lanning Square neighborhood, Cooper has a long history of outreach and service efforts to its local community. Some of these initiatives include health and wellness programs for the neighborhood, development of three neighborhood parks and playground, and outreach to programs into local schools.

The Hospital’s 312,000-square-foot, 10-story Roberts Pavilion houses state-of-the-art patient care facilities, including 120 private patient rooms, a 30-bed medical/surgical intensive care unit, 12 technologically advanced operating room suites with hybrid imaging capabilities, an advanced laboratory automation facility and a 14,000-square-foot Emergency Department. The Emergency Department features 25 beds, dedicated isolation suites and autonomous CT scanning technology. Two new floors in the Roberts Pavilion, each with 30 private patient rooms, opened in August 2014. The two floors are designed to serve specific patient populations with Pavilion 8 serving a growing advanced-care surgery patient population and Pavilion 9 serving the Cooper Heart Institute for hospitalized heart patients. The Pavilion features an expansive lobby and concourse, a restaurant and coffee shop, health resource center, business center, gift shop and chapel.

The Pavilion also houses the 25,000-square-foot Dr. Edward D. Viner Intensive Care Unit. A design showcase for patient and family-centered care, the unit features 30 private patient rooms equipped with the latest in advanced technology, and allowing 360-degree patient access. Five patient rooms are capable of negative pressure isolation, and five rooms have chambered isolation alcoves. In addition, an enlarged room with operating room caliber lighting is outfitted to perform bedside exploratory laparotomy in patients too unstable for transport to the operating room.

In 2013 Cooper celebrated the opening of MD Anderson Cancer Center at Cooper, the $100 million, four-story, 103,050-square-foot center located on the Cooper Health Sciences Campus in Camden, dedicated to cancer prevention, detection, treatment and research. MD Anderson Cancer Center at Cooper offers South Jersey’s only dedicated inpatient, 30-bed cancer unit adjacent to the new cancer center at Cooper University.
Hospital. The center includes bright, spacious chemotherapy treatment areas, patient exam rooms, conference centers and advanced diagnostic and treatment technologies. The designers incorporated an aesthetic approach to healing with abundant natural light, a rooftop Tranquility Garden, an illuminated floor-to-ceiling “Tree of Life” centerpiece and more than 100 pieces of original art created by 71 New Jersey artists.

Cooper Medical School of Rowan University Medical Education Building is located on the Cooper Health Sciences Campus on South Broadway, between Benson and Washington Streets in Camden. The new $139 million building, which opened in July 2012, was designed for CMSRU’s curriculum with spaces and technologies to support faculty and students in their educational process. In 2012, CMSRU welcomed the class of 2016 with 50 students.

The Cooper campus is located in the heart of the Camden’s business district. The academic medical center campus is easily accessible by car or public transportation—the commuter high-speed line and bus terminal are located a half-block from the campus. Cooper is a short walk or drive from the exciting Camden waterfront where the New Jersey State Aquarium, the River Sharks stadium, the USS New Jersey and Susquehanna Bank Center are located.

Cooper is conveniently close to Philadelphia. Just a mile-long drive over the Benjamin Franklin Bridge or a ferry boat ride will put you at the doorstep of Philadelphia’s cultural, culinary and historic venues.

South Jersey also offers a range of living and entertainment options. Quaint towns such as Haddonfield and Collingswood are just 10 minutes away. The lights and action of Atlantic City and those other popular beach towns such as Cape May and Ocean City are a one-hour drive from Cooper.
Cooper Campus Map

The most up-to-date directions to Cooper University Hospital are available at:

CooperHealth.org/Directions
World Class Care. Right Here. Right Now.

George E. Norcross, III
Chairman
Board of Trustees

Adrienne Kirby, PhD, FACHE
President and Chief Executive Officer
Cooper University Health Care

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