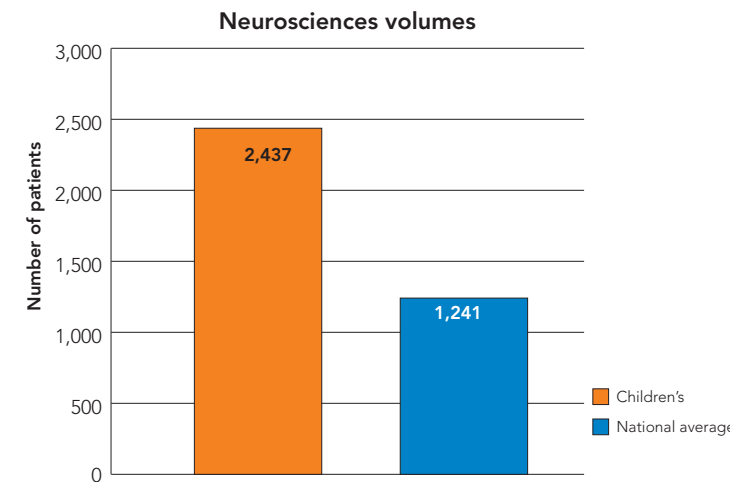
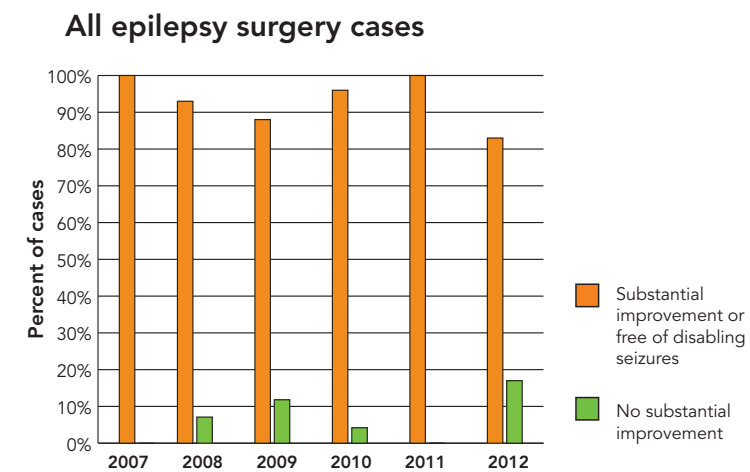


# key facts

- With three hospitals, 561 licensed beds and more than 860,000 patient visits a year, Children's Healthcare of Atlanta is one of the largest pediatric clinical care providers in the country.
- Children's has the only dedicated pediatric Level 1 and Level 2 trauma centers in the state of Georgia and provides support to nearly 24,000 trauma patients each year.
- Our pediatric inpatient neurological and neurosurgical volumes are the highest in the country.\*



- We have a Level 4 pediatric epilepsy center according to the National Association of Epilepsy Centers (NAEC)—its highest level of designation. Nearly 85 percent of our patients were either free of disabling seizures or had substantially reduced seizures after surgery.



- Our epilepsy inpatient monitoring unit, with 13 video-monitored electroencephalogram (vEEG) beds, is one of the largest in the country.
- We have one of the largest teams of dedicated pediatric neurosurgeons in the country.
- Our Neurosciences Program includes pediatric neurologists, epileptologists, neuroradiologists, neurohospitalists, neuro-oncologists, neuropsychologists and neurosurgeons. Subspecialty clinics include intractable epilepsy, baclofen, ketogenic diet, brain tumor, muscular dystrophy, tuberous sclerosis complex and spasticity.

\*Pediatric Health Information System (PHIS), 2013

# our team

## Program leadership



### Ton de Grauw, M.D., Ph.D.

Chief of Neurosciences, Children's Healthcare of Atlanta  
Division Director, Pediatric Neurology, Emory University  
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### Jamika Hallman-Cooper, M.D.

Assistant Professor of Pediatrics  
Division of Pediatric Neurology  
Program Director, Pediatric Neurology Residency  
Emory University  
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Contact Cathy Jackson at [cjacks4@emory.edu](mailto:cjacks4@emory.edu) for inquiries about our residency program.

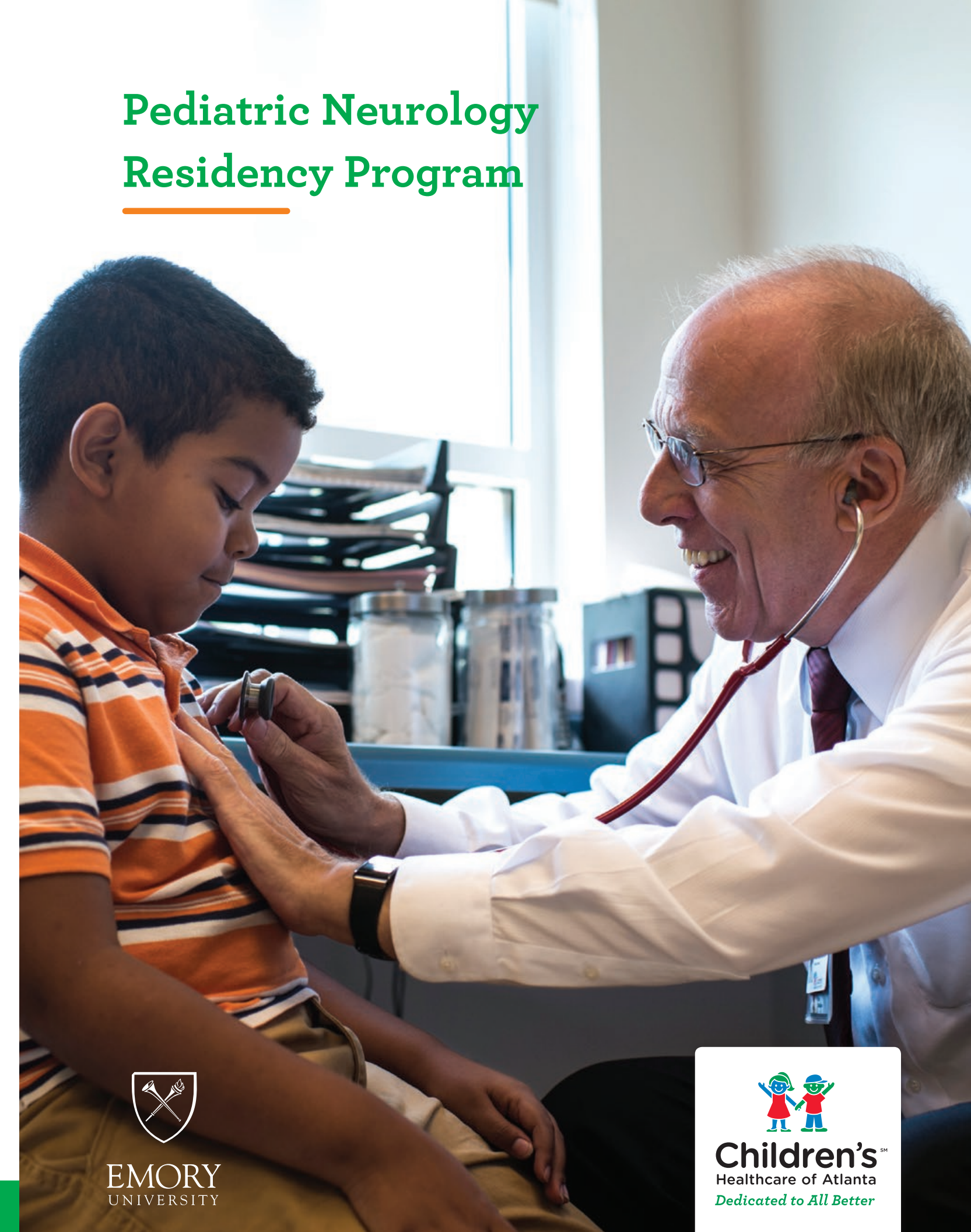
## Our team has access to innovative technology:

- 13 video-monitored electroencephalogram (vEEG) beds
- Diffusion tensor imaging (DTI) fiber tracking
- Dense array electroencephalogram (EEG)
- Functional magnetic resonance imaging (fMRI)
- Intra-operative MRI (iMRI)
- Magnetic resonance spectroscopy (MRS)
- Morphometry
- Positron emission tomography (PET)
- Single photon emission computed tomography (SPECT)
- SPECT co-registered to MRI (SISCOM)



Visit [choa.org/neurologyresidency](http://choa.org/neurologyresidency)

# Pediatric Neurology Residency Program



EMORY  
UNIVERSITY

Dedicated to All Better™



Children's  
Healthcare of Atlanta  
Dedicated to All Better

Some physicians and affiliated healthcare professionals who perform services at Children's Healthcare of Atlanta and are on our neurosciences team are independent providers and are not our employees.

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# curriculum

Our neurology residents rotate through all disciplines of pediatric neurology including:

- Clinical neurophysiology
- Neuropsychology
- Neuroimaging
- Neuropathology
- Neuroradiology
- Neuro-ophthalmology

In addition, residents will have the opportunity to work with our neurosurgery and rehabilitation teams.

## Children's is the national leader in pediatric inpatient neurological and neurosurgical volumes.\*

The first two years (PGY 1 and PGY 2) of the pediatric neurology training are dedicated to learning general pediatrics. The PGY 3 year of pediatric neurology training is mostly spent on adult neurology, doing both inpatient and outpatient rotations. You will work alongside adult neurology PGY 2 residents. The majority of PGY 4 year is spent doing inpatient and outpatient pediatric neurology rotations. In the PGY 5 year, 10 months are set aside for electives or time conducting research.

The pediatric neurology resident contacts and confers with clinical consultants, reviews radiographic and laboratory results, and provides recommendations for additional diagnostics needed. The resident will also participate in the management of pediatric patients with acute neurological disorders in an intensive care unit and an emergency department setting.

Residents will have the opportunity to participate in the treatment of patients with a wide range of neurological conditions, including:

- Autoimmune diseases
- Cognitive function disorders
- Degenerative diseases
- Epilepsy
- Genetic disorders
- Headaches
- Metabolic diseases
- Neuromuscular disorders
- Neuropathies
- Spinal cord disorders
- Traumatic injuries

# inpatient rotation

Rotations	PGY1	PGY2	PGY3	PGY4	PGY5
General Pediatrics	Full year	Full year			
Adult Neurology			11 months		
Pediatric Neurology				11 months	
Pediatric Electroencephalogram (EEG)/ Epilepsy Monitoring Unit (EMU)			1 month		
Child Psychiatry				1 month	
Elective/Research					10 months
Neuropathology					2 months

*PGY-Post Graduate Year*

The pediatric neurology inpatient teaching team is led and supervised by the attending pediatric neurologist. The team consists of our pediatric neurology resident, one or two postgraduate third-year adult neurology residents, one or two Emory third-year medical students, a nurse practitioner and the patient's primary nurse. Inpatient consults are performed by the junior child neurology resident and the adult neurology resident who present to the attending neurologist.

## Our goal is to teach residents to become independent thinkers who accept challenges and take advantage of opportunities for personal growth.

We offer unique teaching opportunities not found in many programs. Residents will teach under the supervision of clinical faculty in one of Emory University's Neuroscience Graduate School courses. The residents will work with an assigned faculty mentor to develop and provide a didactic presentation to students who will in turn provide feedback.

Our program offers residents the opportunity to:

- Present at weekly resident conferences and monthly lectures to medical students.
- Participate as teaching assistants in Emory's neuroanatomy laboratory and teach with clinical faculty in a graduate school neuroscience course.
- Participate in seminars geared toward learning the fundamentals of effective teaching so that residents have the skills to be future educators.
- Develop a comprehensive understanding of the outpatient management of neurological conditions.
- Learn associated disciplines such as neuroradiology and neurophysiology.
- Supervise the patient care activities on the inpatient unit and consultation service.
- Participate in research studies with clinical staff.

## Emory University School of Medicine and Children's Healthcare of Atlanta offer a five-year pediatric neurology residency program. Recognized specialists in the field lead academic courses and clinical neurology rotations.

We offer the opportunity to participate in a unique program accredited by the Accreditation Council for Graduate Medical Education (ACGME). We also have the benefit of a large patient population and respected academic and research collaborators, including Emory University and Georgia Institute of Technology.