

OBH Neurology Program Mandatory Educational Activities:

1. **Bootcamp and Introductory Lecture Series (required for entering R1 residents)**. The Bootcamp takes place on the first day of training and is immediately followed by an Introductory Lecture Series, which takes place at noon daily throughout the summer. This training will ensure a smooth transition into the neurology program. The **Bootcamp and Introductory Lecture Series** topics will cover a review of the neuro exam and will provide information on how to perform a consultation. Other key topics include basics of localization, stroke evaluation and acute management, neuroradiology, syncope and seizures, dizziness and vertigo, altered mental status, blurry vision and visual loss, acute evaluation of headache in the ER, brain death determination, breaking bad news, introduction to clinical research, resident-as-teacher training, basics of funduscopy, peripheral neuropathy workup and management, and outpatient headache management. There will also be an emphasis on the evaluation of neurologic emergencies (increased ICP, brain and spinal trauma, cord compression, intracranial bleeds, meningitis/encephalitis, myasthenic crisis, AIDP, malignant hyperthermia, et al).
2. **Noon Conference** (Monday, Tuesday, and Thursday, 12-1 PM, required for all residents, R1-R3; overseen by Dr. Kay): The academic year is divided into subspecialty teaching blocks. Each subspecialty topic will cover a mix of basic and clinical aspects and will culminate with a quiz. The topics are Stroke, Neuromuscular and EMG, Neuroimmunology, Headache, Public Health/Clinical Research, Epilepsy and EEG, Movement disorders, Behavioral neurology, Pediatric neurology, and Neurocritical Care and Neurosurgery.
3. **Morning report** – 7:30 AM daily, overseen by Dr. Lerner and Dr. Merlin, required of all residents on inpatient services, R1-R3. This is where the night float resident presents the cases seen overnight; it is a core teaching session to provide smooth transitions of care and ensure the on-call night float experience is an educational one.
4. **Downstate Neurology Grand Rounds** (Fridays at 9 AM on Zoom, required of all residents): Cutting-edge presentations from experts around the globe, covering full assortment of neuro-relevant fields
5. **Morbidity and mortality conference** - monthly, overseen by Dr. Tiwari, presented by senior residents who were on ward and consult services over past month, required for all residents on service, R1-R3.
6. **Quality Assurance and Performance Improvement (QAPI)** - monthly, overseen by Dr. Tiwari, mandatory for all residents R1-R3
7. **Interdisciplinary Ward Rounds and Consult Rounds** – daily teaching rounds with the residents who are on the inpatient teams
8. **Interdisciplinary discharge planning rounds** – R3 ward senior with nursing and social workers
9. **Journal club** – monthly, run by Dr Friedman, presented by R1 and R2 residents under faculty guidance; all residents attend, once a month, 10 per year – will focus on critical appraisal of medical evidence
10. **Senior Grand Rounds** – every other month, presented by **R3**; prepared with faculty mentor; all residents attend – 5 per year

11. **Neuroradiology conference** - monthly; run by Dr. Minkin; lectures and case discussions; mandatory for all residents
12. **Neurosurgery/Neurooncology conference** - monthly; run by Dr. Barthelemy; lectures and case discussions; mandatory for all residents
13. **Neurobehavioral conference** - monthly; run by Dr. Sparr; lectures and case discussions; mandatory for all residents
14. **Neurorehabilitation conference** - monthly; run by Dr. Harris; lectures and case discussions; mandatory for all residents
15. **Basic Science review** – monthly, overseen by Drs Merlin and Wong; mandatory for all residents
16. **Board review series** – monthly, overseen by Drs Sunik and Kay; mandatory for all residents
17. **Ethics committee** - residents rotate on and off every few months, as needed, for residents on service
18. **Root-cause analysis committee** - senior **R3** residents rotate on and off when on service
19. **Neuropathology review** – interspersed in other sessions, overseen by Dr Libien, year-round, required for all residents. Supplemented by on-line curriculum.
20. **ASYNCHRONOUS LEARNING**: All residents are expected to read **Continuum** (subscription provided by the neurology department) as part of their Board review preparation; quizzes will be administered to review and reinforce material covered.
21. **Simulations** – run by Dr Lerner, required of all residents. LP simulation (if not already certified, 2 hours); stroke code simulation (2 hours); breaking bad news simulation (2 hrs).
22. **Virtual training modules**: **Wellness training** module; **Emergency Neurological Life Support training** (ENLS certificate program from the Neurocritical Care Society); **NIH Stroke Scale training** (NIHSS certificate program from the NIH and the American Stroke Association); **HIPAA training**; IRB **CITI training**; **I-PASS training**; **TeamSTEPPS training**
23. **Shadowing**: Shadowing will occur prior to first on call shift, and first week of night float will be paired with a more senior resident if deemed necessary. Night float will not be assigned prior to December of the R1 year.

THE OBH NEUROLOGY PROGRAM FACULTY:

General Adult Neurology:	Arthur Kay MD Gary Friedman MD Amit Khaneja MD Lisa Merlin MD Steven Sparr MD Artem Sunik MD Ramaswami Sundar MBBS
Neurovascular/Stroke:	Artem Sunik MD Amit Khaneja MD Daniel Rosenbaum MD
Interventional Neurology:	Ambooj Tiwari MBBS MPH Ketevan Berekashvili MD MPH
Neurocritical care:	David Lerner, MD
Epilepsy & EEG:	Artem Sunik MD Arthur Kay MD Amit Khaneja Katherine Mortati MD
Neuromuscular & EMG:	Yaacov Anziska MD MPH Ramaswami Sundar MBBS
Behavioral Neurology:	Steven Sparr MD
Neuroimmunology:	Yaacov Anziska MD MPH
Headache:	Alexander Mauskop MD
Neurorehabilitation:	Steven Sparr MD Gary Friedman MD Ramaswami Sundar MBBS
Pediatric Neurology:	Shabana Azam MD Firdous Rizvi MBBS
Neuropathology:	Jenny Libien MD PhD
Basic Science/Neurophysiology:	Lisa Merlin MD Bob Wong PhD
Public Health/Clinical Research:	Ambooj Tiwari MBBS MPH Ketevan Berekashvili MD MPH Yaacov Anziska MD MPH Susan Law DO MPH Deborah Gustafson PhD