

# Postdoctoral Fellowship in Clinical Neuropsychology NYU Comprehensive Epilepsy Center

## About Our Center

The NYU Comprehensive Epilepsy Center is a Level 4 epilepsy center, as designated by the National Association of Epilepsy Centers. Such facilities are the most comprehensive in the country, providing the most complex forms of intensive monitoring, extensive neuropsychological and psychosocial services, and neurosurgical services. The Neuropsychology Service of the NYU Comprehensive Epilepsy Center adheres to the SCN/Division 40 definition of a clinical neuropsychologist. Our goal is to graduate fellows that will go on to complete board certification through ABPP/ABCN.

## Clinical Services

While the fellowship is located in our department's epilepsy center, fellows work primarily in a department-wide consultation service with adults undergoing outpatient evaluations for a wide range of neurological and psychiatric disorders in both clinical and forensic settings. Fellows are trained extensively in performing and supervising work-ups for the characterization and localization of cerebral dysfunction associated with epilepsy. These services include: neuropsychological assessment, intracarotid amobarbital (i.e., Wada) procedures, and intra- and extra-operative brain mappings. Other populations include movement disorders, brain tumors, ADHD, LD, autism, stroke, dementia, TBI, forensic, etc. It is expected that fellows will conduct approximately two full outpatient evaluations per week. Special procedures (i.e., Wada and mappings) occur at irregular intervals, but average 1/week.

## Research (20% Effort)

Fellows are supported for assistance on ongoing research projects on brain mapping of language and higher order cognitive functions. A requirement of our fellowship program is that fellows complete an independent research project during their time at our facility. While fellows are encouraged to bring their own ideas for original data collection, there are certainly a range of project options available via access to the preexisting patient registry for retrospective analyses. It is expected that fellows present the findings of their research project at a national or international conference and ultimately submit their project for publication.

## Training Activities

The fellowship is centered around a competency-based approach to training in which fellows are expected to develop and demonstrate competencies (through self-assessment and benchmark evaluations) important to the professional practice of neuropsychology and the training goals of the site.

Fellows take part in a wide range of rounds and classes focusing on epilepsy, general neurology, and psychiatry. Fellows observe and participate in weekly multidisciplinary meetings where staff review data for surgical candidates and discuss surgical approaches. Fellows also attend journal club, research meetings, neuro-behavioral rounds, and may attend Grand Rounds presentations in Neurology and Psychiatry. In order to acclimate and prepare fellows for the ABPP/ABCN exam, they will also take a practice written exam and participate in 'fact-finding' exercises. Also available are weekly neuropsychology case conferences, as well as lectures covering a range of neuropsychology topics, such as functional neuroanatomy, dementia, brain tumors, movement disorders, pediatric neurologic disorders, etc.

Fellows receive a stipend of \$45,000 yearly. In addition, our fellows are eligible for comprehensive and competitive benefits through the NYU-Langone Health.

### Faculty Supervisors at NYU-Langone Epilepsy Center:

William Barr, PhD, ABPP  
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To apply, applicants should include the following in their application packet:

- A cover letter
- Curriculum vitae
- Two sample reports
- Three recommendation letters

Submission deadline is January 1, 2021.  
Materials should be sent in electronic format to:  
[William.Barr@nyulangone.org](mailto:William.Barr@nyulangone.org)

INTERVIEWS WILL BE CONDUCTED ON A VIRTUAL BASIS THIS YEAR, VIA ZOOM.

Our fellowship program is a member of the Association of Postdoctoral Programs in Clinical Neuropsychology (APPCN).

As an APPCN program, we participate in the computerized match operated by the National Matching Services (NMS).

For more information, visit the website of the APPCN at <http://appcn.org> and NYU-Langone Health at <https://med.nyu.edu/departments-institutes/neurology/divisions-centers/neuropsychology/postdoctoral-fellowship>