

CLINICAL NEUROPSYCHOLOGY EXTERNSHIP TRACK

North Shore University Hospital Neurology Department

The Clinical Neuropsychology externship programs at North Shore University Hospital and Long Island Jewish Medical Center includes training opportunities at:

- ***Department of Neurology: Neuroscience Institute***
- ***Department of Psychiatry: Zucker Hillside Hospital***
- ***Department of Pediatric Neurology: Cohen Children's Medical Center***

For information about the Zucker Hillside Hospital and Cohen Children's Medical Center externships, please consult their brochures: [NSLIJ Psychology Training Website](#)

All programs offer supervised clinical training in neuropsychological assessment of patients with actual or suspected cerebral dysfunction, which consists primarily of comprehensive outpatient neuropsychological assessments.

All programs utilize a hypothesis-testing approach to assessment and may use flexible neuropsychological batteries. Externs will participate in all aspects of assessment including interview, exam administration, report writing, and feedback to patients and professionals. These activities are all performed under a high degree of supervision from a licensed psychologist specializing exclusively in neuropsychology. Externs are trained alongside clinical psychology interns specializing in neuropsychology, neuropsychology postdoctoral fellows, and externs in other departments at Long Island Jewish Medical Center. Trainees may also participate in extensive didactic programs that include a weekly neuropsychology seminars, Dementia Board, and Neurology and Psychiatry Rounds. Please note, participation in the Tuesday morning Neuropsychology Seminar is mandatory.

DEPARTMENT OF NEUROLOGY/NEUROSCIENCE INSTITUTE (2 SLOTS)

Supervisor: Paul J. Mattis, Ph.D., ABPP-CN

Within this program externs gain training in neuropsychological assessment of adults with a variety of neurological diseases including movement disorders, such as Parkinson's disease, and essential tremor. Trainees consult with neurologist, neurosurgeons, and psychiatrists regarding diagnostic issues including dementia, stroke, autoimmune encephalitis, traumatic brain injury, and normal pressure hydrocephalus. There are also opportunities to evaluate the capacity to benefit from functional brain surgery with deep brain stimulator placement and high intensity focused ultrasound. Opportunities to observe deep brain stimulator placement are available.

DEPARTMENT OF NEUROLOGY/NEUROSCIENCE INSTITUTE (1 SLOT)

Supervisor: Erica Meltzer, Ph.D., ABPP-CN

Within the Department of Neurology externs gain intensive training in neuropsychological assessment of adults with actual or suspected neurological diseases and disorders. Trainees obtain supervised experience of outpatient neuropsychological evaluations of patients referred from the Department of Neurology and other sources. These evaluations can include comprehensive assessments of epilepsy patients from the Department's Comprehensive Epilepsy Center, such as candidates for epilepsy surgery. Patients with suspected dementia, autoimmune encephalitis, mild head injury, stroke, neoplasm, infectious diseases, and other neurological disorders are also seen

as part of this service. It is also common for referrals to come from affiliated neurosurgeons (e.g., pre-operative and follow up assessments of patients with brain tumor), community neurologists, geriatricians, and psychiatrists. Opportunities are available to observe respective neurosurgery in the O.R. and participate in Wada testing and cortical mapping of cerebral functions with electrical stimulation of the brain.

DEPARTMENT OF NEUROLOGY/NEUROSCIENCE INSTITUTE (1 SLOT)

Supervisor: Jami Halpern, Psy.D.

Within this outpatient program, externs gain experience in the comprehensive assessment of a broad range of neurologic and psychiatric conditions and comorbidities in adult and geriatric populations. This program captures the breadth of neurologic disorders typically referred to neuropsychologists, including neurodegenerative disorders, movement disorders, epilepsy, stroke and other cerebrovascular conditions, head injury, normal pressure hydrocephalus, and brain tumor, among others. This service receives outpatient referrals from a variety of sources, including behavioral neurologists from the Center for Cognitive Neurology, movement disorder specialists, geriatricians, general and community neurologists.

DEPARTMENT OF NEUROLOGY/NEUROSCIENCE INSTITUTE (1 SLOT)

Supervisor: Crystal Quinn, Ph.D.

Within this outpatient program, externs gain experience in the comprehensive assessment of a broad range of neurologic and psychiatric conditions and comorbidities in adult and geriatric populations. This program captures the breadth of neurologic disorders typically referred to neuropsychologists, including neurodegenerative disorders, movement disorders, epilepsy, stroke and other cerebrovascular conditions, head injury, normal pressure hydrocephalus, and brain tumor, among others. This service receives outpatient referrals from a variety of sources, including behavioral neurologists from the Center for Cognitive Neurology, movement disorder specialists, geriatricians, general and community neurologists.

DEPARTMENT OF PEDIATRIC NEUROLOGY/COHEN CHILDREN'S MEDICAL CENTER (2 SLOTS)

Supervisor: Gennaro DiCarlo, Psy.D.

Cohen Children's Medical Center is the largest freestanding children's hospital in the New York metropolitan area, and it has been consistently ranked among the top 50 hospitals by U.S. News & World Report in eight subspecialties, including pediatric neurology and neurosurgery. Externs gain experience in the neuropsychological assessment of children with neurological, medical, and developmental disorders. The majority of referrals come from the Department of Pediatric Neurology and include patients with epilepsy, acquired brain injury, brain tumors, and congenital/developmental issues. Externs will have the opportunity to evaluate patients undergoing workup for epilepsy surgery. Opportunities are also available to attend Wada testing and language mapping. In addition to weekly neuropsychology didactics, trainees may also attend pediatric epilepsy conference and pediatric neurology grand rounds.

To Apply to the Clinical Neuropsychology Externship

The applicant must be a candidate for the Ph.D. or Psy.D. in a psychology program in clinical or other relevant area of professional psychology or be enrolled in a qualified re-specialization program.

All neuropsychology externships require a time commitment of at least 2-days (16 hours) per week over a 12-month period. July starts are preferred, in order to coincide with the start of the internship training year. The program abides by the rules set by PSYDNYS for recruitment and training.

For more information, please contact **Paul J. Mattis, Ph.D.** pmattis@northwell.edu