

PEDIATRIC NEUROPSYCHOLOGY ROTATION



BC, DC, AC

Teleneuropsychology is here

PEDIATRIC NEUROPSYCHOLOGY ROTATION

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GOALS:

1. Resident will become familiar with a number of commonly used neuropsychological assessment instruments.
2. Resident will become familiar with important issues in pediatric neuropsychology.
3. Resident will become competent to administer a number of neuropsychological measures.
4. Resident will become familiar with the interpretation of data collected from a variety of patient populations.
5. Resident will develop consultation skills by interacting with referral sources, e.g., teachers, school districts, pediatricians, and oncologists
6. Resident will become familiar with a number of neurodevelopmental disorders and medical disorders, which may include: Sports concussions, NFI, learning disabilities, intellectual disability, brain tumors, ALL.
7. Resident will become competent in using a structured interview to gather developmental and diagnostic information from parents.

- **EXPERIENCE:**

The neuropsychological consultation service receives consultation requests from a number of clinics in the hospital. These include: Neurodevelopmental Clinic, Neurology, Neurosurgery, Neuro-Oncology, Sports Medicine, Psychiatry, Medical Clinics. In addition, physicians in the community, other professionals, school districts and parents request evaluations. The resident will be involved in all aspects of assessments, although not necessarily with every case they see. For example, a resident may interview the parents, but not administer tests to the child.

Twice a month the residents will participate in a case conference/didactic that includes an outside discussant.

REQUIREMENTS:

1. Experience with administration and scoring of standardized assessment instruments, e.g., IQ and achievement tests.
2. Experience with children.

RESEARCH:

Dr. Breiger is involved in several ongoing research projects. These include long term neuropsychological/emotional functioning of children treated for ALL, assessing emotion regulation utilizing physiological indicators in children treated for ALL, family adjustment to a diagnosis of cancer in a child. In addition, we are participating in a multi-center studies of children with renal disease, heart failure, 22q and urea cycle disorders.

I have several large data sets that are available for analysis and write-up by interested residents.



