



BROWN
Alpert Medical School

**Clinical Psychology Training Programs at Brown: A Consortium of the
Providence VA Medical Center,
Lifespan, and Care New England
Postdoctoral Fellowship Training Program
Postdoctoral Fellowship Description: CLINICAL FOCUS**

Title: Postdoctoral Fellowship in Pediatric Neuropsychology
APA-accredited: YES X NO ___

Site: Lifespan – including Bradley Hospital, Rhode Island/Hasbro Children’s Hospital

Supervisor(s): Gregg Selke, PhD (Primary Clinical Supervisor)
Karen Holler, PhD, ABPP (Clinical Supervisor)
Christine Trask, PhD, ABPP (Clinical Supervisor)
Brian Kavanaugh, Psy.D. (Research Supervisor)

This two-year fellowship at Bradley Hospital is part of the Clinical Neuropsychology Specialty Program (CNSP) within the Postdoctoral Fellowship Training Program (PFTP) of Brown University’s clinical psychology training Consortium. The CNSP has APA-accreditation as a Specialty Program in Clinical Neuropsychology.

Description of Site

Bradley Hospital is a private, not-for-profit hospital, and the nation's first psychiatric hospital devoted exclusively to children and adolescents founded in 1931. A Lifespan partner and the principal child and adolescent psychiatric teaching hospital for Brown Medical School, Bradley Hospital has established itself as the national center for clinical training and research in child and adolescent psychiatry. Bradley Hospital provides comprehensive clinical services, including outpatient, inpatient, partial hospitalization, intensive after school, crisis stabilization, residential care programs, and certified special education schools. Bradley hospital also known for being at the forefront of child mental health research, and includes the Developmental Disorders Genetics Research Program at The Bradley Campus Research Unit, which is part of the Bradley Hasbro Children's Research Center.

Rhode Island Hospital (RIH) is a private, not-for-profit, acute care hospital and academic medical center founded in 1863. Hasbro Children’s Hospital (HCH) is the pediatric division of Rhode Island Hospital. Built in 1994, the seven-story building provides the comprehensive health services for approximately 7,000 inpatients and 60,000 outpatients. It has earned worldwide recognition for its family-centered environment and expert staff. HCH has the area’s only pediatric intensive care unit; pediatric oncology and cardiology programs; separate emergency and surgical units designated for pediatric patients; day- and inpatient treatment programs for children with combined medical/psychiatric issues; and operates specialty clinics treating children ranging in age from newborn to 18 years.

Neuropsychological services are provided as part of the outpatient programs at Bradley and Rhode Island Hospitals (Dr. Selke, Dr. Holler, and Dr. Trask), inpatient child and adolescent programs at Bradley Hospital (Dr. Holler), and day treatment program at Hasbro Children’s Hospital (Dr. Trask). Neuropsychology plays a critical role on the inpatient and outpatient treatment teams with respect to cognitive evaluation, differential diagnosis, family education, and treatment planning. A collaborative team approach to treatment is emphasized within these settings. In the outpatient setting, a major focus of

the evaluation process is the follow-up, feedback appointment, at which time parents are provided with both written and oral summaries of the examination, along with detailed recommendations

- **Bradley Hospital's outpatient services** provide comprehensive mental health evaluation and treatment for children, adolescents and families from Rhode Island and southern New England. Outpatient services provides treatment for a wide range of clinical conditions, including those with Attention-Deficit/Hyperactivity Disorder, Autism Spectrum Disorder, Developmental Disabilities, Tourette's Disorder, Reactive Attachment Disorder, Bipolar Disorder, Specific Learning Disabilities, Anxiety Disorder, Depression, and Obsessive-Compulsive Disorder. Many outpatient neuropsychology referrals are patients initiating or receiving intervention services from the outpatient program's multidisciplinary staff of psychologist, psychiatrists, nurse practitioners, and social workers; as well as from the hospital's multiple partial hospitalization programs. The fellow will also gain experience with medical or neurologic populations (e.g., concussion, fetal drug exposure, prematurity, etc.) referred from community-based neurologists, concussion management physicians, and primary care providers.
- **Rhode Island Hospital's Neuropsychology Program** includes an active neuropsychological consultation service and a busy outpatient program. A primary source of referrals is from pediatric oncology, with specific questions related to late cognitive effects from treatment. The Neuropsychology Program also participates in the multi-disciplinary pediatric brain tumor board, during which neuro-imaging results and treatment issues are discussed in a group format. In addition, consultations are provided to children in the Partial Hospital Program (PHP), a unique day treatment program for children with both medical and emotional issues. In addition, the outpatient program receives referrals from pediatric neurologists, pediatricians, schools, and mental health providers, with questions of differential diagnosis and treatment planning for a wide range of patients, including those with congenital cardiac issues, hydrocephalus, Chiari malformation, epilepsy, metabolic disorders, and other medical issues. There is often an opportunity for fellows to work with technicians and/or supervise practicum students at Rhode Island Hospital.
- **Bradley Hospital's Child and Adolescent Inpatient Program** is for children ages 2 to 18 years who suffer from serious disorders and are in need of short-term stabilization, assessment and treatment. The program has 45 private patient rooms located in Bradley Hospital's award-winning new building and the unit is staffed 24 hours a day. Each child is treated by a team of professionals, including a child and adolescent psychiatrist, a clinical social worker, psychologists, nursing staff, and milieu therapists. The neuropsychology program under Dr. Holler evaluates patients on the child and adolescent units. A major focus of the evaluation process is to assist with differential diagnosis, treatment planning, and recommendations for discharge planning. The fellow also has the opportunity to gain direct intervention experience, including group treatment and brief parent behavioral consultation.

Fellowship Aims

1. To provide the fellow with broad post-doctoral training in the area of Pediatric Neuropsychology, including the neuropsychological consequences of psychiatric disorders, neurodevelopmental disorders, and medical or neurologic conditions.
2. To provide the fellow with a strong working knowledge of assessment, treatment and research conducted with children and adolescents with psychiatric, developmental, neurologic, and medical conditions.
3. To enable the fellow to gain proficiency in: neuropsychological evaluation of children and adolescents; treatment plan development with these populations; oral and written communication of evaluation findings.
4. To actively participate in research, including grant writing, data collection, management and analysis, and development and implementation of a research proposal, with the goal of presenting research results at a national meeting and writing a peer-reviewed manuscript.

Fellowship Timeline

The duration of the fellowship is 2 years, contingent upon satisfactory progress. The anticipated start date is July or August 2021.

Note: The fellow and the mentor will notify each other in December whether the commitment will be made for a second year.

Clinical Activity Plan (70 % time)

In order to ensure that the fellow receives a high level of clinical training in the area of pediatric neuropsychology, the following activities will be required during the fellowship:

- **Clinical assessment:** The fellow will perform neuropsychological evaluations conducted with children and adolescents. Patients will be seen through the Outpatient Services at Bradley and Rhode Island Hospitals, the Partial Hospital Program at Hasbro Children's Hospital, and the Child and Adolescent Inpatient Program of the Neuropsychology Program at Bradley Hospital. Approximately 2 full-day outpatient evaluations and 1 half-day inpatient evaluation will be performed every week; the fellow will be individually supervised on each case by a staff neuropsychologist. The fellow will participate in all aspects of assigned cases, including clinical interviews, face-to-face assessment, scoring/interpretation of results, report writing, and family diagnostic feedback sessions. The fellow will rotate between the Rhode Island Hospital and Bradley Hospital sites approximately weekly or bi-weekly. The specific inpatient, partial hospital, or outpatient activities within a site will be determined based on factors such as clinic flow and the fellow's training goals and needs.
- **Professional Development:** The fellow will be able to apply for licensure and work towards successfully negotiating all aspects of the licensure process and obtain licensure as a psychologist by the end of the two-year fellowship. This process requires attendance at the monthly Clinical Ethics Seminar during one of the two years of fellowship.

Research Activity Plan (20 % time)

20% of the fellow's time will be spent on research activities with Dr. Kavanaugh. Current research projects (externally and internally funded) cover pediatric neuropsychology-related topics, such as cognitive training, non-invasive brain stimulation, underlying neurophysiology of working memory, and neurocognitive deficits in childhood psychopathology. In addition to a weekly research meeting, the fellow will be involved in the following research activities:

- **Grant writing:** For those fellows interested in learning about grantsmanship, mentoring opportunities are provided. In this case, the fellow will develop a grant idea and submit a grant proposal by the end of the fellowship term.
- **Literature Review:** The fellow will review relevant literature in relevant areas of neuropsychology, neurophysiology, and childhood/adolescent psychopathology.
- **Manuscript preparation and submission:** The fellow will be encouraged to collaborate on manuscript preparation and poster submissions at national conferences. Individually tailored goals will be established in this area.
- **Study Collaboration:** The fellow will participate in an on-going research project and may develop a research question related to the on-going study for implementation during the fellowship term.

Didactics (10 % time)

Postdoctoral Seminars: The fellow will participate in post-doctoral seminars through the Brown Postdoctoral Training Program.

Mandatory Didactics:

Core Seminars (1 per month).

DPHB Academic Grand Rounds (1 per month).

Clinical Ethics- (1 per month).
Neuropsychology Track Seminars and Neuropsychology Rounds (weekly)
Brain Cuttings, Medical Examiner's Office (required once per year but may attend more frequently)

Optional Didactics:

Neuropsychology Track Research Interest Group (monthly)
Academic Friday–Grantsmanship Seminars, Special Topics in Statistics

Supervision and Evaluation

Drs. Selke, Holler, and Trask will supervise each clinical evaluation assigned to the fellow in the form of weekly individual supervision. The fellow will meet with the case supervisor to review the case and to discuss the evaluation plan. The supervisor will be on site during the evaluation and is available for consultation as the evaluation is being performed. The fellow will meet individually with the supervisor after the completion of the case to review the evaluation process, test results and recommendations. On the average, the fellow will be supervised between one and two hours for each case by the assigned supervisor (≥ 3 hours per week of supervision).

At the midpoint and conclusion of each year of the fellowship, the fellow and the supervisors are requested to provide formal evaluations, and evaluations of the program relative to the goals and learning objectives of the fellowship.

Resource Requirements

Fellow will be provided with the following resources:

- Access to space appropriate for clinical care
- Personal office space and library privileges
- A computer and project specific software
- Internet access
- Telephone

Reporting and approval

This fellowship will be part of the CNSP. The position has been discussed and approved by the Neuropsychology track faculty in their monthly meeting on 9/24/20.

Director, Clinical Neuropsychology Specialty Program (CNSP)

Associate Director, Clinical Neuropsychology Specialty Program (CNSP)

Director, Postdoctoral Fellowship Training Program (PFTP)