Title: Postdoctoral Fellowship in Stress, Trauma, and Resilience

APA-accredited: ___YES ___NO

Site: Bradley/Hasbro Children’s Research Center and the Institute on Stress, Trauma, and Resilience

Supervisor(s): Stephanie Parade, PhD, Research Supervisor
Christine Low, PhD, Clinical Supervisor
Rebecca Newland, PhD, Clinical Supervisor
Rebecca Silver, PhD, Clinical Supervisor

Description of Site
Two sites provide context for the research fellowship.

The Bradley/Hasbro Children’s Research Center (BHCRC) combines child and adolescent expertise from two of the major teaching hospitals for The Warren Alpert Medical School of Brown University, Bradley Hospital and Hasbro Children’s Hospital. Research projects also include collaborations with Butler Hospital, the Miriam Hospital, and the Rhode Island Department of Health.

The Institute on Stress, Trauma, and Resilience (STAR Institute) in the Department of Psychiatry and Human Behavior is focused on fostering translational research in early stress, trauma, adversity, and resilience. Faculty affiliated with the STAR Institute have diverse areas of expertise related to stress and trauma across the lifespan, with emphasis on novel biomarkers that may be harnessed to identify early markers of risk, resilience, and disease.

The primary supervisor (Parade) is affiliated with both programs to ensure coordination and continuity of the training experience for the postdoctoral fellow.

Fellowship Aims
1. To provide the fellow with broad post-doctoral training in the areas of stress, trauma, and resilience.

2. To provide the fellow with a strong working knowledge of research with vulnerable populations involving multiple assessment strategies, including questionnaire, parent interview, child interview, biological specimens, and direct observation.

3. To provide the fellow with research training and experience in grant writing and manuscript preparation.
4. To enable the fellow to gain outpatient child and family therapy skills, as well as assessment skills in the areas of early childhood disorders.

**Fellowship Timeline**
The duration of the fellowship is 1 year with ability to extend to a second year contingent upon satisfactory progress. The anticipated start date is July 2020.

**Research Activity Plan (77.5%)**
Several ongoing projects funded by the NIH, HRSA, and the STAR Institute will provide the context for the postdoctoral research training experience. These projects are in various stages, including completed data collection, ongoing data collection, and conceptualization/protocol development. All projects are longitudinal in design, with diverse populations, and utilize multiple assessment strategies. One study in progress involves a research summer camp to conduct intensive follow-ups of a sample of children with maltreatment and other adversities.

Children and families involved in these studies are typically from poverty circumstances, and have other serious risk factors including maltreatment and multiple contextual stressors. The postdoctoral fellow will work with supervisors to oversee and execute implementation of research protocols.

The fellow will also work closely with supervisors to develop research grant proposals, including a proposal to the NIH for a large center grant (e.g. NIH COBRE, CONTE).

In addition to experiences included in the execution of ongoing research projects and the preparation of a large center grant, the fellowship will include development of the fellow’s independent program of research (including grant writing and manuscript preparation). The nature of this independent research program will be collaboratively determined by the fellow and supervisor(s) and will result in tangible scientific products (e.g., manuscripts, presentation at national meetings, grant applications). The independent program of research may involve new directions as well as using resources provided by the mentorship team. Continued development of the trainee’s prior work may also be included.

More specifically, the fellow will be exposed to various aspects of research via participation in the following activities:

- **Study execution (30%)**: The fellow will collaborate with the primary supervisor to coordinate and conduct assessments in ongoing research projects, including administering supervised semi-structured diagnostic interviews.

- **Grant writing (27.5%)**: The fellow will collaborate with supervisors to develop a proposal for a large center grant. The fellow will also be supervised in development of their own grant proposal in the PI role.

- **Manuscript preparation and submission (20%)**: The fellow will collaborate on manuscript preparation and poster submissions at national conferences. Individually tailored goals will be established in this area.

**Clinical Activity Plan (12.5%)**
The fellow will gain experience in child and family therapy through participation in the Early Childhood Outpatient Clinic. This will include one hour per week of individual or group supervision with supervising psychologists on treatment services.

In order to ensure that the fellow receives clinical training, the following activities will be required during the fellowship:
- Intervention services: Clinical services will be provided through the Bradley Hospital Early Childhood Outpatient Clinic, and will include traditional child and family therapy services for children (birth through school-age) and their families/caregivers. In addition, exposure to empirically-validated preventive and/or intervention protocols may be available, including the Incredible Years Series Parent, Teacher, and/or Dinosaur School (social skills curriculum for children); Parent-Child Interaction Therapy (PCIT).

- Clinical assessment: Assessment may include family-based developmental evaluations through the Outpatient Clinic, and assessments for research protocols, utilizing interviews and/or semi-structured diagnostic protocols for children with a wide range of presenting issues.

- Postdoctoral Seminars: The fellow will be encouraged to participate in the postdoctoral seminars through the Brown University Postdoctoral Training Program.

Path toward licensure: YES ___X___ NO ___

Didactics (10%)
The fellow will participate in the following post-doctoral seminars through the Brown Post Doctoral Training Program (for up to 10% of fellow time). The fellow may participate in the weekly postdoctoral research seminars offered through the Brown Post Doctoral Training Program. Depending on the specific interests and background of the research fellow, additional didactics may be available to the postdoctoral fellow such as monthly lab research development meetings, and the monthly Adversity Seminar.

Required Didactics:
- Core Seminar Series (1 per month)
- DPHB Academic Grand Rounds (1 per month)
- Clinical Ethics Seminar Series (1 per month)
- Child Track Seminar Series (1 per month)
- Academic Friday–Grantsmanship (1 per week), Special Topics in Statistics

Optional Didactics:
- Implementation Science Seminars, Alcohol Center Seminars, Adversity Seminar

Supervision and Evaluation
Supervision of research activities will be provided in the form of weekly individual supervision (minimum of 1 hour) with Dr. Parade, as well as additional group supervision around specific projects. Time for research supervision is included in the 77.5% time for research activities described above.

Clinical Supervision will be provided in the form of weekly individual and/or group supervision (Drs. Low, Newland, and/or Silver). Time for clinical supervision is included in the 10% time for clinical activities described above.

Clinical assessments (semi-structured diagnostic interviews) conducted for research will be supervised by a licensed psychologist (Drs. Low, Newland, and/or Silver) and may be counted towards licensure.

Every 6 months for the duration of the fellowship, the fellow and the supervisors will 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 office space to complete research and clinical responsibilities
- A computer and project specific software including statistical software
- Internet access
- Telephone

**Reporting and approval**
This fellowship will be part of the Child Track. The position has been discussed and approved by the Child track faculty in their monthly meeting.

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Postdoctoral Fellowship Track Coordinator

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Director, Research Fellowship Program

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Director, Postdoctoral Fellowship Training Program