BOSTON COLLEGE
SCHOOL OF SOCIAL WORK

Open Position	Postdoctoral Fellow
Employer	Research Program on Children and Adversity, Boston College School of Social Work
Principal Investigator	Theresa S. Betancourt, Sc.D., M.A., Salem Professor in Global Practice, RPCA Director School of Social Work, Boston College

Project Description

The Research Program on Children and Adversity (RPCA) focuses on understanding trajectories of risk and resilience in children facing multiple forms of adversity, including poverty, conflict, and infectious disease. Through quantitative and qualitative research methods, the program investigates key mechanisms shaping child development and mental health. The program develops targeted psychosocial interventions that support positive life outcomes that can be effectively delivered at scale in low-resource settings. Overall, the program team works to develop evidence-based, trans diagnostic interventions that are feasible and cost effective, to support positive life outcomes. These outcomes are key to child health, social services, and the economic development agendas.

Position Description

The Postdoctoral fellow will work on the implementation science, research project at the direction of Drs. Theresa Betancourt (PI) and Alethea Desrosiers (Co-PI). The postdoctoral fellow will be required to spend at least 50% time in Sierra Leone, with the option of based in-country. Remaining time will be at Boston College. The postdoctoral fellow will be responsible for overseeing all aspects of data collection and management, data analysis, study design, and implementation science related to the project. A strong focus of this position is to provide skills in multilevel modeling, data analysis, study design oversight, scientific writing, and implementation science processes. Previous NIH experience is also highly desired.

Essential Functions

Data Management (20%)
- Contribute to refinement of qualitative and quantitative assessment instruments
- Develop a data dictionary that standardizes data across sites
- Review, process, and clean clinical trial data
- Develop and implement procedures for data quality checks
- Ensure that all processes for data entry and query resolution meet Good Clinical Practice requirements for the entry and reporting of clinical data
- Develop a data quality plan and data management plan in coordination with study investigators
- Develop and maintain databases for study clinical and implementation data
- Prepare study data for analysis in STATA statistical software package

Data Analysis (50%)
- Design, develop and execute statistical analysis leveraging research study databases in conjunction with study staff and other statisticians

- Apply statistical analysis using multilevel modeling, coding, and multiple imputation to address missing data using STATA
- Produce tables and figures depicting results of analyses, along with written interpretation
- Utilize mixed methodologies to triangulate, analyze and interpret qualitative and quantitative data using STATA and MAXQDA

Research and Dissemination (30%)
- Engage in high-level research and analysis, publishing on work related to RPCA research
- Qualitative and mixed method analysis of process evaluation data related to implementation science
- Collaborate on concept notes, grant writing, publications, multi-stakeholder reports, and presentations for national and international conferences.

Desired Qualifications

Functional and Technical Competencies
Doctoral degree in Public Health, Implementation Science, Social Work, Psychology, Epidemiology, or other related field.

Experience
- Strong ability in use of advanced statistical and computational programming
- Proficiency in utilizing computer applications including Microsoft Office, STATA, R, MAXQDA, and other applicable quantitative and qualitative data analysis platforms
- Strong background in implementation science, including longitudinal studies and quality improvement approaches to fidelity and supervision that relate to long-term sustainability and scalability
- Some background conducting research in culturally diverse contexts, preferably in Low and Middle Income Countries (LMICs)
- Publication record that demonstrates candidate's capacities is also desirable
- Expert knowledge of qualitative and quantitative research methodologies, including mixed-methods
- Understanding of the use of technology for data collection as well as routine symptom monitoring, fidelity monitoring and quality improvement efforts in global mental health.
- Some background in NIH-funded research

Working Conditions and/or Physical Demands

Working nights and/or weekends may be required in order to meet project deadlines. The ability to travel internationally to support research project activities in Sierra Leone will be required. The fellowship is funded for one year, with the option to renew.

Contact

We welcome questions from interested candidates. Please contact: **Administrative Manager, Tesla Abrego at tesla.abrego@bc.edu**