



RESEARCH PROGRAM ON CHILDREN AND ADVERSITY

BOSTON COLLEGE SCHOOL OF SOCIAL WORK

Position

Data Manager/Data Analyst

Location

Boston, MA

Employer

Boston College School of Social Work (BCSSW) Research Program on Children and Adversity (RPCA)

Principal Investigator

Theresa S. Betancourt, Sc.D., M.A., Salem Professor in Global Practice, RPCA Director, School of Social Work, Boston College

Program Description

The Research Program on Children and Adversity (RPCA) at the Boston College School of Social Work (BCSSW) is an applied research program dedicated to improving the evidence base of understanding risk and protective factors influencing mental health, child development, and family functioning as well as intervention research to develop and test behavioral interventions for children and families affected by multiple forms of adversity, including armed conflict, poverty, and infectious disease. The RPCA manages a diverse global research portfolio; including several active projects, the details for which can be found at bc.edu/rpca.

The RPCA seeks a Data Manager/Data Analyst to oversee all aspects of data management related to several global research projects: Sugira Muryango, Youth Functioning and Organizational Success for West African Regional Development (Youth FORWARD), Family Strengthening Intervention for Refugees (FSI-R), and a Longitudinal Study of War-Affected Youth (LSWAY). For each of these projects, the RPCA has several data streams (quantitative, qualitative, process-related).

Position Description

Reporting to the Principal Investigator and Director of the RPCA, and in close collaboration with the Associate Director for Research, Program Managers, and Postdoctoral Fellows, the Data Manager/Data Analyst will serve as the technical expert on data management matters. The Data Manager/Data Analyst will oversee and coordinate all data management activities in support of RPCA clinical and non-clinical research studies for study initiation, set up, maintenance, and closeout. The Data Manager/Data Analyst will also create structured data reports and manage RPCA data from cleaning and scaling to assisting with data analysis. Quantitative approaches most commonly used in RPCA research projects include: multilevel modeling, exploratory and confirmatory factor analysis, multiple imputation, and item response theory, to name a few.

The incumbent is charged with the following essential functions (% time):



RESEARCH PROGRAM ON CHILDREN AND ADVERSITY

BOSTON COLLEGE **SCHOOL OF SOCIAL WORK**

- Develop codebooks and data dictionary to standardize data across all projects (25%)
- Develop and implement procedures for data quality assurance monitoring and data management in coordination with study investigators (25%)
- Data cleaning and management of multiple datasets for clinical and implementation data in STATA and MaxQDA, and closely work with the research teams on publications, NIH/funder reporting requirements, and data sharing requests (25%)
- Ensure that all processes for data entry and query resolution conform to best practices for the entry and reporting of study data (25%)

The RPCA seeks an experienced and highly-motivated Data Manager/Data Analyst with relevant field and functional experience. Competitive candidates will possess the following qualifications:

- Ph.D. in Epidemiology, Biostatistics, Econometrics, Public Health, or other relevant fields preferred. Highly-qualified Masters-level professionals considered.
- 5-7 years of related experience required.
- Strong ability in the use of advanced statistical and computational programming.
- Proficiency in utilizing computer applications including SAS, STATA, or R.
- Experience with data imputation, multilevel modeling, psychometric analysis, and item-response theory.
- Knowledge of qualitative and quantitative research methodologies including mixed-methods preferred.
- Excellent organizational skills and attention to detail.
- Self-starter with experience taking initiative and working both independently and as part of a team.
- Excellent coordination and collaboration skills.
- Excellent communication and administration skills.
- Authorization to work in the USA (i.e. US citizen or green card holder)

Contact

For questions about this opportunity, please email the Administrative Manager, Tesla Abrego, at tesla.abrego@bc.edu.