Job Title:	Volunteer Research Assistant
Minimum Commitment:	10 hrs/wk
Dates:	July 1, 2018 – August 24, 2018 (options for staying on in the fall are available)
Description:	The position will primarily involve processing and cleaning heart rate data obtained from parents and children enrolled in a randomized control trial. Research assistants will be trained to use two different programs designed to allow for the manual inspection and editing of anomalies contained in participants' raw heart rate signals. Once trained to reliability, research assistants will act as editors and help establish baseline performance metrics for one of the two programs.

Training/Benefits:

- Free training in an internationally used approach to correct for artifacts in processed heart rate data.
- Exposure to software development practices
- Learn to work within established data processing pipelines
- Some minimal exposure and interaction with R, Stan, and RShiny code (direct coding/programming experience is possible provided knowledge base is sufficiently extensive)
- Learn about basic Open Science Framework practices
- Gain hands-on research experience with data from an NIMH-funded randomized control trial study

Minimum Qualifications:	CITI Training (must send pdf certificates) Completed a Research Methods Class
Keywords:	Respiratory Sinus Arrhythmia Heart Rate Variability Photoplethysmography Vagal Tone Central Autonomic Network Signal Processing
Contact:	Matthew Barstead, M.S. barstead@umd.edu https://mgb-research.netlify.com/ (Professional Research Site)

If interested please click on the following link to complete the application:

https://umdsurvey.umd.edu/jfe/form/SV_e9BLUZrQMxJiHc1