**Position Description:** The Department of Psychiatry & Behavioral Sciences is a multi-division department within the UNM School of Medicine. We provide excellent, innovative education to residents, medical students, and health professionals; the highest quality mental health care to the citizens of New Mexico; and pursue outstanding multidisciplinary research that helps solve critical health problems. [https://hsc.unm.edu/medicine/departments/psychiatry/](https://hsc.unm.edu/medicine/departments/psychiatry/)

Our Research Division is seeking a detail-oriented, self-motivated Graduate Research Assistant to serve as part of our team. This position requires an organized individual who demonstrates initiative and possesses excellent time management skills. Under indirect supervision, this individual will support complex systems analysis, evaluate scientific objectives, and implement applications and system integrations. Under the principal investigator's general direction, will analyze software applications, prepare charts and diagrams, develop coding logic flowcharts, gather information, and define work problems.

**Some specific duties include:**

- designing, writing code for, and implementing software to perform primary processing/quality control/artifact rejection of all behavioral, demographic, cognitive, sensory, and MRI and MEG data gathered in the study, including source localization and magnetic source imaging by combining structural MRI with physiological MEG data;
- performing secondary analysis to determine essential or relevant patterns in data, including correlating meaningful inferences and trends;
- performing tasks using general and specialized coding/programming languages and multiple analytical software packages, including several based languages and programs including MATLAB, etc.
- Constructing illustrative plots, graphs, tables, diagrams, and charts depicting data analysis, trends, and neuroimaging and behavioral data models for use in meetings, reports, and publications.

**Basic & Preferred Qualifications:**

- Graduate-level standing pursuing a degree in Computer Science, Mathematics or Physics
- Ability to multitask on multiple projects simultaneously.
- Ability to learn new coding languages quickly.
- Ability to work well with a multidisciplinary team with different skill sets represented.
- Experience with neuroimaging studies, including structural, functional, spectroscopic MRI, and MEG, a plus.

**Software Knowledge/Experience in**

- MATLAB
- Batch scripting
- MIDAS
- AFNI
- SAS
- STATA
- FSL
- SPM
- R

**TO APPLY**

Please email a current CV and cover letter to the Center for Psychiatric Research’s Director, Dr. Juan Bustillo, at jbustillo@salud.unm.edu. Applications will be reviewed regularly until the position is filled.

The RA will be eligible for a tuition waiver of up to 6 hours in Fall 2021 (from 8/16/2021-12/17/2021) and potentially in Spring 2022. Salary is determined based upon the rates provided by Graduate Studies assistantship salary guidelines. Health insurance will be covered. Stipends are paid monthly for the actual number of days worked.