New York University is looking for an Assistant Research Scientist who will work with faculty in the Center for Brain Imaging (CBI) with expertise in functional magnetic resonance imaging (fMRI).

New York University is looking for an Assistant Research Scientist who will work with faculty in the Center for Brain Imaging (CBI) to help implement analysis techniques, establish data analysis streams, and to make state-of-the-art MR techniques such as multi-echo/multi-plexed BOLD fMRI, diffusion imaging, and advanced anatomical measurements available to the broader research community. Responsibilities include: Assisting in training graduate students, postdocs, and new researchers in neuroimaging data collection and analysis, including use of FSL, SPM, Freesurfer, AFNI and Matlab-based toolboxes. Consulting with researchers to select appropriate tools and methods for data analysis, including modern statistical techniques for multiple-comparisons correction, denoising, multivariate analyses, functional connectivity analyses, and surface-based analyses. Technical support and training for faculty, staff, and students acquiring MRI data, primarily on Siemens Prisma scanner. Organizing training workshops and seminars to expose researchers to new developments in imaging methods and analysis techniques. Expertise in EEG and TMS a plus.

Qualified applicants should have: A PhD or equivalent experience in Psychology, Neuroscience, Mathematics, or Statistics. Two years relevant experience or equivalent combination, which must include experience with MR imaging principles, research training, data acquisition and analysis, statistics, and/or signal processing. Excellent interpersonal, organizational and writing skills. Ability to effectively communicate with individuals of all levels. Strong analytical skills. Ability to multitask and work independently. Salary to be commensurate with experience.

Interested individuals should contact Pablo Velasco at pablo.velasco@nyu.edu

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