Associate Researcher I Job Description

Job description:

The BioMedical Engineering and Imaging Institute (BMEII) at The Icahn School of Medicine at Mount Sinai is seeking an Associate Researcher I to serve as the imaging research analyst for the cardiovascular clinical trials core.

Position responsibilities include:

- Analyze clinical and pre-clinical image data acquired from various imaging modalities such as MR, PET, CT etc.
- Assist in acquisition of imaging data for experimental studies.
- Maintain and manage databases for acquired imaging data while complying with HIPAA and Good Clinical Practice standards.
- Write programs/scripts to extract results from image analysis reports or compute quantitative results.
- Meet with patients, coordinate with scheduling, and oversee on-site imaging visits, conduct informed consent procedures for research studies. Maintain communications and liaise between patients and study team (PI, clinical coordinators, pharmacy, imaging technologists, study sponsors).
- Create and maintain documentation such as SOPs for compliance with regulatory requirements.
- Assist with validation of computer systems, software and processes used for clinical trials and maintain proper documentation for the same.
- Assist with manuscript preparation, editing and submission.
- Assist with IRB submissions and other regulatory submissions.

Requirements:

- Minimum qualifications: Bachelors or Master’s in biomedical engineering or similar discipline.
- Good interpersonal skills.
- Knowledge of clinical imaging modalities such as MR, CT, PET, and experience working with image data formats such as DICOM a plus.
- Experience with programming languages such as MATLAB, Python etc. a plus.
- Some experience with statistical packages like Prism, SPSS, or R a plus.

Interested candidates should send a CV and letter of interest to Philip Robson at Philip.Robson@mountsinai.org.