MR PHYSICIST

JOB DESCRIPTION

Reports To: Dr. Vincent Ho

Overview:

The MR Physicist provides assistance to the Principal Investigator, Co-Investigators, and Research Staff. S/he ensures enrollment numbers are successfully met, when applicable, and protocol adherence, monitoring visits, overseeing regulatory and administrative details, data management assistance and project closeout support is provided.

GE Global Research will install a unique, ultra-high performance head-only gradient system that has 4x the gradient amplitude and 2.5x the maximum slew rate compared to whole-body MRI scanners. This head-only system has approximately twice the peripheral nerve stimulation threshold than whole-body gradients, allowing unprecedented imaging with echo planar imaging for high resolution fMRI and diffusion imaging. The successful candidate will be part of a team of scientists and clinicians at Uniformed Services University (USU) of the Health Sciences, Bethesda, MD, working in close collaboration with scientists and engineers from GE developing new neuroscience applications that take advantage of this one-of-a-kind high performance imaging platform. The focus of the program is to better understand changes in brain microstructure in traumatic brain injury, neuropsychiatric disorders, as well as dementia. USU is the premier military academic center and is located adjacent to the Walter Reed National Military Medical Center. This program is central to the multi-disciplinary effort at USU to advance the understanding of the brain health.

Site: Uniformed Services University of Health Sciences (USUHS)

Date: 10 September 2018

FLSA Status: Exempt

Principal duties and responsibilities include, but are not limited to, the following:

Qualifications

- PhD or MD required, 1-2 years medical research project management experience strongly desired, preferably with Department of Defense
- Knowledge of military system, preferred.
- Background in magnetic resonance imaging physics or engineering required
- MR postprocessing experience desired
- MR Neuroimaging experience desired
- Pulse sequence programming or experience with MR systems desired
- Demonstrate competence in oral and written communication
- Must be organized, attentive to detail, and possess a positive, friendly and professional demeanor
• Ability to be flexible with changing priorities and available to interact with employees, clients and sponsors of all levels
• Ability to exercise independent judgment in fast-paced, high-pressured environment with strict deadlines and to manage multiple projects
• Computer skills including at least intermediate level experience with Excel and other Microsoft Office Software

Management Responsibilities
• None

Responsibilities
• Collaborate and assist the Principle Investigator, Co-Investigators and research team in the performance the research study
• Contribute to developing new MR applications on a new high-performance gradient platform system dedicated to neuroimaging
• Contribute to the drafting and submitting of abstracts, manuscripts and reports for dissemination
• Prepare progress reports on research as required
• Analyze and write-up data
• Present complex information effectively to a range of audiences
• Provide data management assistance
• Provide project close-out support
• Maintain and promote Geneva’s core values of Integrity, Superior Service to Customers, Quality, Teamwork, Innovation, and Respect for All
• Possess a working knowledge of The Geneva Foundation’s Employee Handbook, User’s Guide and Standard Operating Procedures (SOPs) as applicable
• Remain accessible and accountable at all times during work hours and collects messages at least twice daily
• Return telephone messages within 24 hours of receipt; return email messages in a timely manner as appropriate
• Comply with the dress code of The Geneva Foundation and assigned duty station
• Promote positive, professional relationships with co-workers and The Geneva Foundation
• Maintain and update files of all applicable regulatory documentation for IACUC or IRB (including protocols, approvals, amendments, modifications, etc.) as well as any communications with the sponsor or any other Federal or regulatory office (including prior approvals, change in scope, etc.)

Professional Responsibilities
• Maintain and promote The Geneva Foundation’s core values of Integrity, Superior Customer Service, Quality, Teamwork, Innovation, and Respect for All
• Possess a working knowledge of The Geneva Foundation’s Employee Handbook, User’s Guide, and Standard Operating Procedures (SOPs) as applicable
• Remain accessible and accountable at all times during work hours and collect messages at least twice daily
• Return telephone messages within one business day of receipt; return email messages in a timely manner as appropriate
• Comply with the dress code of The Geneva Foundation and assigned duty station
• Promote positive, professional relationships with co-workers at The Geneva Foundation

Work Qualifications, Working Conditions, and Travel
• Physically able to move freely or be stationary for prolonged periods of time
• Must possess a valid state driver’s license and access to reliable transportation
• Must be willing to travel for business as required
• May be required to work in confined spaces and may need to share office space with others

DISCLAIMER
The above is not intended to be an all-inclusive list of requirements and essential functions for the job described, but rather a general description of some of the responsibilities necessary to carry out the duties of this position. Employees occupying this position may be required to follow other job-related instructions, and to perform other job-related duties as requested by their supervisor. Furthermore, this does not establish a contract for employment and is subject to change at the discretion of the employer.

ACKNOWLEDGEMENT OF RECEIPT OF JOB DESCRIPTION
I acknowledge that I have received a copy of this job description. I understand the duties; am fully able to meet the requirements; and will perform the essential functions of this position, with or without reasonable accommodations. I further acknowledge and understand that this job description does not create an employment contract and nothing contained herein alters my at-will employment status.

__________________________  __________________________
Signature                                      Date

__________________________
Print Name