Research Nurse - Human Nutrition Research Center on Aging
Tufts University

Job Title	Research Nurse - Human Nutrition Research Center on Aging
Department	Jean Mayer USDA Human Nutrition Research Center on Aging
Institution	Tufts University Medford, Massachusetts
Date Posted	Dec. 2, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff Research Scientist/Associate
Academic Field(s)	Nursing - General Health Sciences - General
Job Website	https://jobs.tufts.edu/jobs/22598?lang=en-us&iis=Job+Board&iisn=AcademicKeys
Apply By Email	
Job Description	

Overview

The mission of the Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University (HNRCA) is to promote healthy aging through nutrition science to empower people seeking to enjoy long, active, and independent lives. HNRCA investigators conduct the world's most advanced studies on nutrition and aging. The research focuses on determining the nutrient and physical activity requirements necessary to promote well-being for older adults. HNRCA scientists examine how nutrition and physical activity play a major role in the prevention of the major chronic degenerative conditions and diseases associated with aging.

Research Nurse - Human Nutrition Research Center on Aging
Tufts University

What You'll Do

This is a grant funded position and is not eligible for severance pay.

The goal of this Research Nurse position is to serve as the primary clinical nurse for the NIH-funded study entitled: The Impact of Biological Mechanisms of Aging on Response Variability to Resistance Training in Older Adults (BRIO). The Research Nurse is responsible for delivering high-quality clinical care and operational support to ensure the safe and compliant execution of all study-related procedures. The BRIO Research Nurse may provide additional support within the MRU, as needed. The Research Nurse is responsible for knowledge of applicable Federal Regulations (45CFR46) and FDA Regulations (21CFR50, 56), policies and procedures of the Tufts Health Sciences Institutional Review Board (IRB), and all other guidance documents for the conduct of human clinical trials and human subject protection.

Essential Functions:

- Serve as the dedicated clinical nurse for the BRIO study
- Perform protocol-driven clinical procedures, including IV insertion, maintenance, and timed blood collection.
- Responsible for assessing prospective research participants for study eligibility and conducting review of research participant health history for multiple studies.
- Admit research participants and obtain informed consents. Execute intra-study informed consents for multiple studies in accordance with procedures approved by the Tufts Medical Center/Tufts University Health Sciences Institutional Review Board. Responsible for reviewing HNRCA/Tufts and USDA, building regulations and federal regulations governing conduct on federal property.
- Collaborates with multidisciplinary research team to coordinate study screening and enrollment; protocol treatment and follow-up care as needed
- Assess changes in health and eligibility status throughout conduct of studies. Recognize, document and report medical issues, abnormal laboratory values to study MD and track follow-up. Notify PI/MD of adverse events.
- Administer investigational substances according to protocol and regulatory requirements. Use the following nursing skills for data collection: phlebotomy, IV (insertion and maintenance), volumetric infusion pump use, resting metabolic rates, EKG, assist with protocol procedures e.g. fat biopsy, muscle biopsy, etc.
- Assess protocol tolerance and compliance.
- Collect and document participant health and research data.
- Deliver professional nursing care.
- Conduct self in a competent and compassionate manner.
- Inform PI/MD of pertinent clinical issues and adverse events.
- Initiate medical emergency system as needed.
- Responsible for accurate and complete record keeping for nursing-related data for each protocol. Maintain and provide documentation (written and electronic) in the research record.
- Follow HNRCA best practices for data collection, data retention and data QC procedures.
- Implement, coordinate and monitor the safe and accurate collection of protocol-specific clinical data in the MRU and occasionally offsite. Document and maintain all assigned study-related procedures, processes and events.
- Utilize and implement the use of computer technology to increase efficiency, improve data integrity and implement quality assurance measures during data collection and documentation.
- Develop, revise/update data collection procedures and form based on regulations and guidance documents; determine and secure equipment and supplies (to include pharmaceuticals).

Research Nurse - Human Nutrition Research Center on Aging
Tufts University

- Implement regulatory requirements required by the Tufts Medical Center/Tufts University Health Sciences Institutional Review Board, CITI and Good Clinical Practice.
- Perform risk management assessment of protocol requirements to insure research participant safety.
- Maintain a thorough knowledge of MRU protocols and remain current on scientific developments as they pertain to development and implementation of research protocols.
- Confirm IRB approval of research protocols with principal investigators prior to study initiation; track modifications of protocols and subsequent IRB approvals, and communicate modifications of protocols to the nursing staff.
- Interpret and communicate research protocol requirements and take steps to clarify and/or resolve issues pertaining to protocol execution.
- Participate in protocol meetings and ongoing collaboration with the study team. Plan nursing staff study orientation and serves as a resource person for staff for assigned protocols.
- Set priorities in consultation with supervisor using time and resources effectively.
- Maintain skills in CPR, AED and Human Protection Certification (CITI and GCP training).
- Remain current on HNRCA fire and safety procedures, biosafety and radiation safety requirements, and MRU and HNRCA trainings related to best practices and safety procedures related to clinical research and protection of research participants.
- May need to provide evening, weekend, and/or overnight coverage as indicated by protocol and unit needs.

What We're Looking For

Basic Requirements:

- Graduate of an accredited nursing program.
- Active Massachusetts Registered Nursing (RN) license in good standing
- IV and phlebotomy skills
- Clinical nursing experience in a hospital, clinic, or similar health care setting
- Proficient in Microsoft Office Word and Excel
- Completion of Human Research Participant Protection training within 2 weeks of start date
- CPR and AED certification within 2 weeks of start date.
- Effective communication and organizational skills and good judgment.

Preferred Qualifications:

- Experience in clinical research and working with research participants.
- Experience working within IRB guidance and policies.
- Experience with REDCap or other research data collection databases.

Special Work Schedule Requirements:

- On-site position
- Rotating shifts, ability to extend shifts, periodic weekend shifts.

Research Nurse - Human Nutrition Research Center on Aging
Tufts University

Pay Range

Minimum $72,500.00, Midpoint $90,700.00, Maximum $108,900.00

Salary is based on related experience, expertise, and internal equity; generally, new hires can expect pay between the minimum and midpoint of the range.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

,