

Research Technician - Human Nutrition Research Center
on Aging
Tufts University

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Posted Aug. 15, 2024, set to expire Dec. 31, 2024

Job Title	Research Technician - Human Nutrition Research Center on Aging
Department	Human Nutrition Research Center on Aging
Institution	Tufts University Medford, Massachusetts
Date Posted	Aug. 15, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Classified Staff
Academic Field(s)	Research/Technical/Laboratory
Job Website	https://jobs.tufts.edu/jobs/20831?lang=en-us&iis=Job+Board&iisn=AcademicKeys
Apply By Email	
Job Description	

Overview

The mission of the 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 examine how nutrition and physical activity play a role in the prevention of the major chronic degenerative conditions and diseases associated with aging.

The Metabolism and Basic Biology of Aging research directive focuses on understanding cellular and molecular processes that contribute to age-related disease, as well as the role of nutrition in regulating the underlying mechanisms that promote healthy aging.

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What You'll Do

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

Under close supervision of the Principal Investigator, the Research Technician conducts a variety of routine experiments which may include cell culture, animal handling, performing basic molecular biology assay such as RT-qPCR and Western Blotting, electrophoresis, and other laboratory techniques. Will also record test results, analyze data using basic statistics, maintain laboratory equipment and supplies. The Technician may also be called upon to adapt new assays as well as read and interpret scientific literature.

Essential Functions:

- Conducts routine experiments following appropriate protocols and procedures to achieve results
- Performs techniques such as tissue culture, PCR, immunohistochemistry, electrophoresis, protein purification and others
- Records results and maintains accurate records of experiments
- Performs limited data interpretation and assists with basic statistics and analysis
- Maintains laboratory equipment and orders/keeps inventory of supplies
- Prepares stock solutions, reagents and other media
- Monitors animal colonies and performs husbandry, collects samples and maintains census records

What We're Looking For

Basic Requirements:

- Bachelor's degree in science with at least one year laboratory experience

Preferred Qualifications:

- BS in Molecular Biology, Biological Sciences, Biomedical Sciences
- Familiarity with basic laboratory techniques (pH meter, spectrophotometers, balance, PCR), sterile cell culture facility, and essential standard procedures

Working Conditions:

- May work with and be exposed to hazardous chemicals and materials, human/animal tissue and fluids, radiation.



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Pay Range

Minimum \$20.10, Midpoint \$23.90, Maximum \$27.70

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

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