

Post-doctoral training in TRanslational Research on Aging and Mobility

The University of Florida TRanslational Aging and Mobility (TRAM) T32 Training program is seeking PhD, MD, PhD/MD or related areas to conduct research focused on addressing mobility impairments in late-life. TRAM fellows will join a diverse team of scientists and choose from many different research directions, including: behavioral trials, metabolism measurement, mitochondrial physiology, circadian rhythms in muscle cells, sarcopenia/dynapenia, audiology, neuroscience, neuroimaging, biomedical engineering, psychosociology, epidemiology, data science, artificial intelligence, mobile health, drug/botanical/nutraceutical trials, rehabilitation and various combinations.

Successful candidates will be enrolled in a formal training program designed to enhance post-graduate knowledge and research techniques that related to mobility and aging. TRAM uses the mosaic model of mentoring (e.g. co-mentors) from a cadre of experts to allow candidates to build team-based science skills. The goal is for candidates to consider this health burden from multiple different perspectives.

We encourage applicants who have an interest in one or more of the following areas as they are relate to the topic areas of aging and mobility impairment:

- Epidemiology of aging and mobility impairment
- Age-related dementias and mobility
- Health disparities in elders and their mobility health
- Wearable mobile health technologies
- Neuropsychology of aging and telomere length
- Clinical trials of botanicals & nutraceuticals
- Physical activity trials in vulnerable older adults
- Muscle cell circadian rhythms
- Neuroscience and biomechanics of walking
- Muscle cell senescence pathways
- Mitochondria biology and autophagy of aging
- Computer and engineering sciences to enhance mobility
- AI for enhancing mobility health of elders
- Geroscience
- Data science for wearable sensors and frailty
- Post-hospital mobility recovery in older adults
- Epidemiology of intervening-health events in late-life
- Longevity and healthspan genes

The Department of Aging and Geriatric Research and the Institute of Aging at the University of Florida are committed to increasing diversity and representation of women and minorities in all fellowship programs. Applicants who contribute to our diversity mission are encouraged to apply.

Applications are reviewed starting May 1st, 2021 and continue until positions are filled.

Information about TRAM, online application is found on our website:

<http://edge.aging.ufl.edu/tram-t32/>

Questions should be directed to
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