

Available Postdoc Position

RUA

Position ID Number 100016

Supervisor Name Scott Leiser

Supervisor Title Assistant Professor

Phone Number

Supervisor Email leiser@umich.edu

Lab Website <https://sites.google.com/view/leiserlab>

Affiliated Institution University of Michigan

Contact Name

Contact Title

Contact Email Address

Contact Phone Number

Date of Best Consideration 1/31/22

Application Close Date 4/1/22

Anticipated Start Date 9/1/22

Job Website

Job Location Ann Arbor, Michigan

Is remote work possible? No

CIP Codes 6.8 Physiology, Pathology and Related Sciences
6.7 Genetics
6.2 Biochemistry, Biophysics and Molecular Biology

Applications are invited for a postdoctoral research position in the laboratory of Scott Leiser at the University of Michigan. Dr. Leiser's NIH-funded studies focus on the biology of aging, using multiple model organisms to understand how organisms perceive and respond to stress. We are particularly interested in the physiological responses to food and oxygen deprivation (hypoxia), and how these responses affect aging. Our lab utilizes *C. elegans*, mammalian cells, and mouse models to study conserved pathways of stress response and their role in regulating the aging process. These projects offer the unique opportunity to integrate multiple systems to model the biology of aging.

Job Description

The University of Michigan is consistently ranked at the top of public research institutions and is a national leader in funding from both the NIH as a whole and the NIA in particular. We have state of the art amenities and are housed in an award-winning new building with access to facilities, equipment and expertise in every area of science. Ann Arbor offers the amenities of a big city with the feel of a college town and proximity to the robust Detroit Metro area. The University provides state-of-the-art lab spaces and access to extensive seminars, workshops, and career development programs in support of long-term career goals. The Leiser lab uses a very collaborative, team-oriented approach to science that is in line with the university as a whole.

Required Qualifications

A successful candidate should be extremely motivated, with desire and ability to work independently in the context of a team. Candidates with backgrounds or interest in neurobiology, *C. elegans* biology, and/or aging biology are strongly encouraged to apply. Previous experience in these systems is encouraged, but not necessary. Required qualifications include a Ph.D. or equivalent. Salary will be based on the NIH published postdoctoral stipend levels. The successful candidate will play a key role in experimental design, data collection and analysis, and preparation of oral and scientific reports.

Desired Qualifications

Minimum Monthly Salary

NIH postdoctoral levels (<https://www.niaid.nih.gov/grants-contracts/salary-cap-stipends>)

Maximum Monthly Salary

NIH postdoctoral levels (<https://www.niaid.nih.gov/grants-contracts/salary-cap-stipends>)

Special Instructions for Applicants

Review of applications will begin in January until 1-2 positions are filled. Please submit cover letter, CV, and 2-4 reference contacts to Scott Leiser (leiser@umich.edu).

Opportunities for teaching? Yes

Opportunities for supervision/mentoring? Yes

Opportunities for community outreach? Yes

Position keywords Aging metabolism stress response Michigan
