

Description of Position

The Brown University Center on the Biology of Aging (BoA) announces the availability of multiple postdoctoral positions. Our research portfolio encompasses the hallmarks of aging, including epigenetics, genomic instability, cellular senescence, mitochondria, nutrient sensing, dysbiosis, stem cells, neurodegeneration, and inflammation. A list of participating investigators and detailed descriptions of faculty research programs can be found on our website (<https://aging.brown.edu/research/faculty>). The BoA and its associated training grant program in the Biology of Aging strive to provide a stimulating and rigorous environment for postdoctoral training in the molecular biology of aging, including 1) a full day annual symposium featuring aging researchers from around the world; 2) a monthly Biology of Aging Seminar Series; 3) the Providence Area Aging Research Forum (PAARF) for trainees that focuses on unpublished research in progress; 4) an annual Center Retreat to network and promote collaborations across Brown, and 5) a variety of mentoring, teaching, and career development opportunities.

The BoA has a strong track record of excellence in applying research on the basic biology of aging to the development of modern therapies. The successful applicant will work at this interface and will be engaged in molecular aging research aiming to connect mechanistic insights in model systems and organisms with human physiology and age-related diseases, using approaches that integrate experimental genetics, biochemistry, cell biology and physiology, complemented by omics and computational analysis or mathematical modeling.

Qualifications include:

- PhD and/or MD degree (requirements for a doctoral degree must be completed before start of the position.)
- Research experience in molecular biology or related fields such as genetics, biochemistry, cell biology, physiology or computational biology that can applied to the BoA research portfolio
- A published record of research accomplishment.
- Excellent verbal and written communication skills

These positions will provide competitive salaries and benefits, including health coverage. Positions funded by our NIH T32 training grant will require US citizenship/permanent residency, while positions funded by faculty research funds are open to international applicants. All positions will enjoy the full range of benefits of BoA affiliation.

All applicants should apply via Interfolio (<https://apply.interfolio.com/139408>) by April 1, 2024. Applications will be reviewed by a standing BoA search committee. Complete applications should include a cover letter, full CV, statement of research interests and career goals, and three letters of recommendation. Letters of recommendation should be requested by the applicants but should be uploaded by the recommenders confidentially to the Interfolio portal. Candidates are encouraged to contact individual BoA faculty in advance to explore common research interests, in which case this should be mentioned in the cover letter.

As an EEO/AA employer, Brown University provides equal opportunity and prohibits discrimination, harassment and retaliation based upon a person's race, color, religion, sex, age,

national or ethnic origin, disability, veteran status, sexual orientation, gender identity, gender expression, or any other characteristic protected under applicable law, and caste, which is protected by our University policies.

The Brown University Center on the Biology of Aging is committed to centering efforts towards diversity, equity and inclusion in our teaching, mentoring and research. This is grounded in our knowledge that the best science requires an inclusive environment, and that long-standing biases exist in STEM that negatively impact members of our community and science as a whole. Thus, we strive to be a community in which a diverse set of thoughts, perspectives and experiences are valued.