About the Opportunity:
The College of Science at Northeastern University invites applications for full-time faculty positions at all ranks (Assistant Professor, Associate Professor, or Professor), beginning in academic year 2024-2025 in the field of Healthy Aging and Regeneration, broadly defined. The primary appointment will be in the Department of Biology, with an anticipated joint appointment in another department of the college or in the College of Engineering and/or the Bouvé College of Health Sciences. Joint appointments will facilitate the opportunity to collaborate in cross-disciplinary teams across the University that will complement, and greatly expand on, existing strengths.

The College of Science comprises six departments: Biology, Chemistry and Chemical Biology, Marine and Environmental Sciences, Mathematics, Physics, and Psychology. Cross-disciplinary research programs and appointments are strongly encouraged within the College, and across the University.

The Department of Biology pursues application-driven science that is strongly rooted in several biomedically-relevant research areas, including developmental and stem cell biology, regenerative medicine, physiological and biomedical genomics, aging, cancer therapeutics, molecular microbiology/antimicrobial drug discovery, and human movement neuroscience. For this position, the Department of Biology invites applications from outstanding scientists who focus on understanding cellular and molecular mechanisms of aging with an eye towards development of new technologies through the use of engineered tissues (organoids) and stem cells aimed at preventing dysfunction, or restoring normal function, of organs and tissues with advancing chronological age. Given the complexity of the aging process, the Department of Biology seeks applicants with research interests that span diverse disciplines and scientific approaches, ranging from fundamental aspects of organismal aging to big-data generation, mining and modeling.

The Department of Biology is comprised of 24 tenured/tenure-track faculty, 33% of whom are women spanning all academic ranks, and 23 full-time teaching faculty. Six faculty have with joint appointments in other units, including Mathematics, Physics, Pharmaceutical Sciences, Engineering, and Law. With its core undergraduate degree programs in Biology and in Cell & Molecular Biology, the department enrolls around one-quarter of all undergraduate majors in the College of Science; it also co-manages the Behavioral Neuroscience major with the Department of Psychology and the Biochemistry major with the Department of Chemistry and Chemical Biology. The graduate program in Biology currently has over 50 Ph.D. students in two primary concentrations (Cell & Molecular Biology, and Molecular Microbiology), including 15 Industry Ph.D. students who offer exciting partnership opportunities with pharma.

Northeastern is home to the Coastal Sustainability Institute, the Global Resilience Institute, the Barnett Institute for Chemical and Biological Analysis, the Center for Drug Discovery, the Institute for Chemical Imaging of Living Systems, the Network Science Institute, the Northeastern University Center for Renewable Energy Technology, an NSF Frontier Center in Theoretical Biological Physics, and the Center for Interdisciplinary Research on Complex Systems, providing a rich multidisciplinary intellectual environment.

Our tenure and promotion process values collaborative research and teamwork. Hires will be mentored for success, with mentoring teams and group guidance. In addition, a strong and effective faculty development strategy is part of the Northeastern institutional mission. The ADVANCE Office of Faculty Development office works in conjunction with the Office of Research Development (ORD), the Office of Institutional Diversity and Inclusion (OIDI), the Center for Advancing Teaching and Learning Through Research (CATLR), and University Decision Support (UDS) to provide programs and trainings to further develop and support a thriving faculty.
Northeastern University is a global university system. Positions will primarily be on the Boston campus but may be available at any of our 14 campus locations. Opportunities to collaborate extend beyond the University.

At Northeastern University, we embrace a culture of respect and inclusion, where each person is valued and empowered with equitable opportunities and access to resources. We commit to implementing initiatives that dismantle systemic oppression and build a diverse community. See our website for more information about the College and its Leadership Team.

Responsibilities:
The potential hires are expected to develop vigorous research programs that cut across diverse fields, including cell and molecular biology, aging science, genetics/genomics, regenerative medicine, tissue engineering, computational modeling, and pharmaceuticals/nutraceuticals. Faculty members at Northeastern are expected to develop independent research programs that attract external funding; teach courses at the graduate and undergraduate level; supervise students and postdocs in their area of research; and participate in service to the department, university, and discipline. Qualified candidates must have excellence in, or a demonstrated commitment to, working with diverse student populations and/or in a culturally diverse work and educational environment.

Qualifications:
Applicants must have a Ph.D. or equivalent degree in the biological sciences, broadly defined, or a related field by the appointment start date. We encourage applicants from a wide range of backgrounds, including academia and industry.

Academic rank at the Associate Professor and Full Professor levels will be commensurate with experience and qualifications reflecting a record of demonstrated teaching and scholarly excellence. All applicants should have a strong record of scholarly accomplishment that demonstrates the ability to build a strong research program. Candidates seeking appointment at the Associate or Full Professor level should have substantial research productivity and an established history of grant support and academic service. Research excellence is the top-most priority. A joint or affiliate appointment in another department(s) within the University is possible.

Additional Information:
Interested candidates should apply here with a curriculum vita that includes a list of publications, statements addressing the prompts below, and at least three reference letters. Applications will be reviewed beginning on the priority deadline of October 15, 2023.

Successful faculty at Northeastern will be dynamic and innovative scholars with a record of research and teaching excellence and a commitment to contributing to improved equity, diversity, and inclusion. Thus, strong candidates for this faculty position will have the expertise, knowledge, and skills to build their research, pedagogy, and curriculum in ways that reflect and enhance this commitment. Please indicate how your expertise, knowledge, and skills have prepared you to contribute to this work with written statements addressing the following prompts:

Research statement (no longer than 5 pages):
Please describe the focus of your research, including the questions you have identified, the funding you have received to support the work (if applicable), the results you have discovered, and the products of these efforts. Highlight any cross-disciplinary research efforts you have undertaken. Please also describe any research you have undertaken with students, with the external community, and/or with individuals from marginalized groups. Finally, please outline the research directions you foresee pursuing in the College of Science, any cross-disciplinary and collaborative aspects, and the strategies you will take to address each direction.
Teaching statement (1 page):
Please summarize your past instructional and mentorship experiences, your pedagogical philosophy, your plans/goals for teaching in the College of Science (including existing and proposed courses), and your strategies for teaching and mentoring a diverse cohort of undergraduate and graduate students.

Equity statement (1 page):
Please describe your past experience and activities, and/or your future plans, to advance equity, diversity, inclusion, justice, and belonging in your academic work. Your statement should demonstrate an understanding of the barriers facing marginalized communities in your field and be in alignment with Northeastern’s mission to reflect the diversity of the societies in which it maintains campuses and meet the educational needs and interests of its diverse population.

Northeastern University is an equal opportunity employer, seeking to recruit and support a broadly diverse community of faculty and staff. Northeastern values and celebrates diversity in all its forms and strives to foster an inclusive culture built on respect that affirms inter-group relations and builds cohesion.

All qualified applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.

To learn more about Northeastern University’s commitment and support of diversity and inclusion, please see: www.northeastern.edu/diversity.

Position Type
Academic

Additional Information
Northeastern University considers factors such as candidate work experience, education and skills when extending an offer.

Northeastern has a comprehensive benefits package for benefit eligible employees. This includes medical, vision, dental, paid time off, tuition assistance, wellness & life, retirement- as well as commuting & transportation. Visit https://hr.northeastern.edu/benefits/ for more information.

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APPLY HERE