



Assistant Professor in Biological Sciences - University of Delaware

The Department of Biological Sciences (www.bio.udel.edu) at the University of Delaware (UD) invites applications for a tenure-track assistant professor-level position in Musculoskeletal Research that can include, but is not limited to, molecular, cellular, and developmental mechanisms of musculoskeletal structure and function, pathogenesis of musculoskeletal disorders, and/or strategies for therapeutic intervention, and can span a range of length scales from organism to molecule. Candidates using cutting-edge approaches to address fundamental questions in musculoskeletal biology, including cell and developmental biology, cellular biomechanics and biophysics, computational biology and bioinformatics, and physiology, are encouraged to apply.

Founded in 1947, faculty in UD Biology have world class research programs spanning a wide-variety of areas, with strengths in the molecular and cellular mechanisms of human diseases and developmental disorders, using various vertebrate and invertebrate model organisms. UD Biology strives for an inclusive and equitable culture and has ambitious plans to continue growing. Successful applicants will share our vision to be a department that is nationally recognized for high impact research and for delivering an exceptional education across biological sciences. We seek creative individuals, who are eager to work in a collaborative environment, have demonstrated research excellence, have the drive to be leaders in their field, and are high-quality teachers and mentors dedicated to incorporating diversity, equity, and inclusion in their work.

Successful applicants will be part of UD's NIH-funded Center for Biomedical Research Excellence (COBRE): the **Delaware Center for Musculoskeletal Research (DCMR)** (<https://sites.udel.edu/engr-dcmr/>). The DCMR will support multiple new faculty across collaborating departments with opportunities for joint appointments, will provide research infrastructure, and will support faculty success with mentoring and funding opportunities. The University offers a competitive salary and start-up package.

The Department of Biological Sciences (<https://www.bio.udel.edu/>) has outstanding facilities and support, including a vibrant collaborative research and teaching community, and consists of 33 faculty and a robust graduate program with around 90 graduate students in the MS/PhD programs. The University offers a highly interactive multidisciplinary scientific environment with state-of-the-art core facilities in bioimaging, sequencing, bioinformatics, genomics, proteomics and a vivarium (<https://sites.udel.edu/engr-dcmr/core-facilities-shared-resources/>). UD Biology also enjoys close relationships and opportunities for innovative clinical and translational collaborations with Nemours/Alfred I. duPont Hospital for Children, Thomas Jefferson University, the School of Veterinary Medicine and Department of Orthopaedic Surgery at the University of Pennsylvania, and others. The campus in Newark, Delaware provides a vibrant college town located near the I-95 corridor between NYC/Philadelphia and Baltimore/Washington, DC, and with easy access to farmland, nature preserves and parks, rivers and the Atlantic beaches.

Candidates must have a doctoral or equivalent degree in biology or a related field and postdoctoral experience. The successful candidate is expected to: 1) develop and maintain a nationally recognized, externally funded research program; 2) train BS, MS and PhD students; and 3) teach undergraduate and graduate level courses, 4) contribute to departmental committees that support department functions and academic programs. Applicants should submit PDF documents for: cover letter, curriculum vitae, research vision statement, teaching and mentoring statement, and contact information for at least 3 professional references. Questions can be directed to Melanie Stille (mstille@udel.edu), administrative assistant, or to Dr. Shuo Wei (swei@udel.edu), Chair, Faculty Search Committee, Department of Biological Sciences, University of Delaware, Newark, DE 19716. The University provides assistance to candidates with dual career needs. Review of applications will begin upon receipt and for priority consideration, applications must be received by December 1, 2021, although the search will remain open until the position is filled. The Position with an application link will be posted here <https://careers.udel.edu/cw/en-us/job/497024/tenuretrack-assistant-professor-biological-sciences>.

Employment offers will be conditioned upon successful completion of a criminal background check. The University of Delaware is committed to attracting and retaining employees with varying identities and backgrounds, and we strongly encourage applications from under-represented groups. All genders, persons of all racial and ethnic groups, religions, national origins, and persons with a disability are encouraged to apply.