

Postdoctoral Position in Molecular and Multiscale
Modeling at the University of Connecticut
University of Connecticut

Direct Link: <https://www.AcademicKeys.com/r?job=230149>

Downloaded On: May. 9, 2024 8:34am

Posted Feb. 5, 2024, set to expire Jun. 6, 2024

Job Title	Postdoctoral Position in Molecular and Multiscale Modeling at the University of Connecticut
Department	Mechanical Engineering/Biomedical Engineering
Institution	University of Connecticut Storrs, Connecticut
Date Posted	Feb. 5, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Post-Doc
Academic Field(s)	Polymer Science Mechanical Engineering Material/Metallurgy Engineering Physics Engineering Mechanics Computer Engineering Chemical/Petroleum Bioengineering (all Bio-related fields) Engineering - Other

Apply By Email

Job Description

Multiple postdoctoral positions are available immediately for highly motivated individuals with a strong background in biophysics, biochemistry, structural biology, and/or computational methods, in the lab of Prof. Anna Tarakanova at the University of Connecticut. Duration of position is for 1-3 years. Our group's research focuses on advancing and applying molecular, multiscale, and data-driven modeling

Postdoctoral Position in Molecular and Multiscale
Modeling at the University of Connecticut
University of Connecticut

Direct Link: <https://www.AcademicKeys.com/r?job=230149>

Downloaded On: May. 9, 2024 8:34am

Posted Feb. 5, 2024, set to expire Jun. 6, 2024

methods to study the structure, function and mechanics of complex nanoscale and biological materials. In particular, our work aims to characterize the extracellular matrix and its constituents, specifically proteins including elastins, collagens and fibrillins, and their role in the context of aging and human disease.

More information is available on the lab website: <https://tarakanovagroup.org/>

Applicants must have a PhD in computational mechanics, biophysics, bioengineering, biochemistry, or related fields, and first author publications in peer-reviewed journals. Strong written and oral communication skills are required to be considered for the position. Preferred applicants will have experience in computational mechanics, multiscale modeling, and molecular dynamics simulations. The ideal candidate is highly motivated, persistent, creative, and efficient at time management.

At UConn, the postdoctoral scholar will have the chance to train in a nurturing environment fostering independent research skills, extend their network through collaborations, and further promote their career development through opportunities in scientific writing (grant and manuscript), research presentations, and mentorship of junior scientists.

Our lab is located on the Storrs campus at the University of Connecticut. The University is conveniently situated within driving distance to Boston and New York City. The campus's peaceful setting but close proximity to urban metropolises offers a high quality of life, affordable living, and numerous cultural and recreational opportunities. UConn offers competitive benefits.

To apply, please send a single pdf file containing a statement of interest, curriculum vitae, and the names of 3 references to Prof. Anna Tarakanova at anna.tarakanova@uconn.edu. Please describe your career aspirations, research experience, and interests.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Postdoctoral Position in Molecular and Multiscale
Modeling at the University of Connecticut
University of Connecticut

Direct Link: <https://www.AcademicKeys.com/r?job=230149>

Downloaded On: May. 9, 2024 8:34am

Posted Feb. 5, 2024, set to expire Jun. 6, 2024