UNIVERSITY OF CALIFORNIA, SANTA BARBARA

Postdoctoral Scholar in the Saleh lab, in the area of Biophysics

POSITION OVERVIEW

Position title: Postdoctoral Scholar

Percent time: 100%

Anticipated start: After August 1, 2022

Position duration: 2 years, but the initial term of the appointment will be 12 months, with the possibility of subsequent extension for the following year based on performance. Extension beyond 2 years will depend on the availability of funding.

APPLICATION WINDOW

Open date: August 22nd, 2022

Next review date: Monday, Sep 5, 2022 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

Final date: Friday, Dec 16, 2022 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

POSITION DESCRIPTION

The Saleh group, of the Materials and Physics Departments of UCSB, is a worldwide leader in the study of biomolecular elasticity, and its relation to sequence and structure. The group has a fully-funded postdoctoral position available associated with the study of sequence-dependent structure and elasticity of disordered proteins, as supported by the National Science Foundation (https://www.nsf.gov/awardsearch/showAward?AWD_ID=2113302).

The Saleh group is recruiting a postdoctoral scholar to carry out experiments in which single-molecule stretching techniques are used to study disordered protein elasticity, with the fundamental goal of understanding sequence determinants of disordered-chain conformational behavior. The candidate will have the opportunity to work with a variety of collaborators, as well as with the group's advanced single-molecule instrumentation; further support is available through a variety of campus facilities. The candidate will have latitude to develop their own research direction, as well as build up mentoring experience through interactions with students.

The Materials department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching, professional visibility and service.

QUALIFICATIONS

Basic qualifications (required at time of application) At a minimum, applicants are expected to have completed all requirements for a Ph.D (or equivalent), except the dissertation (or equivalent), at the time of application. The Ph.D. is expected to be related to biophysics or biochemistry, and can be in Physics, Applied Physics, Biochemistry, Chemical Engineering, Materials Science, or other related field.

Additional qualifications (required at time of start) The candidate must have received their Ph.D. (or equivalent), in a relevant field (as explained in Basic qualifications), by the time the appointment begins.

Preferred qualifications Applicants should have a strong background in biophysics or biochemistry. Experimental skills are essential. Specialized experience in disordered protein biochemistry, biopolymer modeling, and/or single-molecule mechanics and instrumentation, would be an advantage. The candidate's record should demonstrate the ability to formulate a scientific project, and to publish and promote their research. An aptitude for work in a team environment is considered essential.

APPLICATION REQUIREMENTS

Document requirements

Curriculum Vitae - Your most recently updated C.V.

Cover Letter

Statement of Research

Key Publication #1

Key Publication #2 (Optional)

Statement of Contributions to Diversity - We encourage applicants to submit an optional Statement of Contributions to Diversity. These statements, if submitted, will be reviewed for evidence of teaching, research, professional and/or public service contributions that promote diversity, equity, and/or inclusion.
(Optional)

Reference requirements

2-3 required (contact information only)

Applicants are required to provide the names and contact information for a minimum of 2 references and may submit up to 1 additional optional references. Applicants should inform their references that they may be contacted by the department at any time during this recruitment.

Apply link: https://recruit.ap.ucsb.edu/JPF02223

Help contact: enmt-mtrlsearch@ucsb.edu

CAMPUS INFORMATION

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy, https://policy.ucop.edu/doc/5000695/SARS-CoV-2_Covid-19. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. Please refer to Appendix F, Section II.C. of the policy for the deadlines applicable to new University of California employees. (Capitalized terms in this paragraph are defined in the policy.) Federal, state, or local public health directives may impose additional requirements.

JOB LOCATION

Santa Barbara, CA