

Assistant Project Scientist in the Chemistry department (Shea Lab)

Job #JPF02633

- Neuroscience Research Institute / Office of Research / UC Santa Barbara

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POSITION OVERVIEW

Position title: Assistant Project Scientist

Salary range: The posted [UC system-wide salary scales](#) set the minimum pay determined by rank and/or step at appointment. See [Table 37B](#) for the salary range at UCSB. A reasonable estimated full-time rate for this position at 100% time is \$73,300 - \$85,100 annually. "Off-scale salaries" and other components of pay, i.e., a salary that is higher than the published system-wide salary at the designated rank and step, are offered when necessary to meet competitive conditions.

Percent time: 100%

Anticipated start: December 2023

Position duration: Initial appointment is for one year, full time with benefits. Continuation beyond one year will be based on performance and availability of funding.

APPLICATION WINDOW

Open date: October 17, 2023

Next review date: Tuesday, Oct 31, 2023 at 11:59pm (Pacific Time)

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

Final date: Friday, Dec 15, 2023 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 laboratory of Dr. Joan-Emma Shea in the Chemistry department at the University of California, Santa Barbara invites applications for a full-time Assistant Project Scientist. The position involves a computational investigation of the assembly of intrinsically disordered proteins, with a focus on aggregation, liquid-liquid phase separation, and hydrogel formation. Responsibilities include designing and performing field-theoretic and molecular dynamics simulations (atomistic and coarse-grained), interacting with experimental groups, and supervising undergraduate students. The appointee will be expected to make significant conceptual contributions to the project.

The University is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service as appropriate to the position.

Lab: <https://labs.chem.ucsb.edu/shea/joan-emma/index.html>

QUALIFICATIONS

Basic qualifications (required at time of application)

A doctorate degree in chemistry, physics, or related field is required.

Additional qualifications (required at time of start)

A minimum of 5 years of postdoctoral experience.

Preferred qualifications

A very solid research and publication record. The ideal candidate will have experience in:

- Field theoretic studies of liquid-liquid phase separation of intrinsically disordered proteins
- Atomistic simulations of intrinsically disordered proteins
- Coarse-grained simulations of the aggregation of intrinsically disordered proteins
- simulations of hydrogels
- characterization of mechanical properties of hydrogels
- working with the Tau protein
- working with experimental groups

APPLICATION REQUIREMENTS

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Statement of Research
- Publication #1
- Publication #2 (Optional)
- Publication #3 (Optional)

Reference requirements

- 3-5 required (contact information only)

Please provide the names and complete contact information for 3 references. The department will conduct a reference check for the finalist before extending an offer.

Apply link: <https://recruit.ap.ucsb.edu/JPF02633>

Help contact: cushing@lifesci.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 [Policy on Vaccination Programs](#), as may be amended or revised from time to time. Federal, state, or local public health directives may impose additional requirements.

JOB LOCATION

Santa Barbara, CA