

Assistant Project Scientist in Biological Magnetic Resonance

Job #JPF02371

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

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POSITION OVERVIEW

Position title: Assistant Project Scientist

Salary range: Based on UCSB Project Scientist series salary table

Percent time: 100%

Anticipated start: January 2023

Position duration: Initial appointment may be for one or two years, subject to negotiation, at full time with benefits.

APPLICATION WINDOW

Open date: November 8, 2022

Next review date: Tuesday, Nov 22, 2022 at 11:59pm (Pacific Time)

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

Final date: Tuesday, Feb 28, 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

A position is available in the laboratory of Prof. Dr. Songi Han to conduct research on advancing the magnetic resonance spectroscopy frontier and the study of the folding and aggregation of the protein tau to fibril structures and motifs of relevance to neurodegenerative diseases. A combination of dynamic nuclear polarization (DNP)-enhanced nuclear magnetic resonance (NMR) and electron paramagnetic resonance (EPR) tools will be used for the structural biology of the tau protein in its intrinsically disordered state, upon forming soluble assemblies, and as packed into organized fibrils. The appointee will use advanced DNP-NMR, EPR and other advanced biophysical tools to elucidate the biophysical and biochemical mechanism of tau aggregation. The applicant is expected to conduct and lead multi-PI collaborations, advise students, and help manage multiple projects that fall into the topic of biological magnetic resonance. 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://han.chem.ucsb.edu/>

QUALIFICATIONS

Basic qualifications (required at time of application)

A doctorate degree in Chemistry, Physics, Biology, or related field is required, along with a minimum of 2 years of work experience in performing research or managing projects in academia or industry.

Preferred qualifications

A solid research and publication record. The ideal candidate will have experience in magnetic resonance spectroscopy methods and/or solid-state NMR for biological applications.

APPLICATION REQUIREMENTS

Document requirements

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

Reference requirements

- 2-3 required (contact information only)

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Please provide the names and complete contact information for 2 references. References for the finalists may be contacted if necessary, at the committee's discretion.

Apply link: <https://recruit.ap.ucsb.edu/JPF02371>

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 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