

Assistant Project Scientist - HS Chau Women in
Enterprising Science Program - Innovative Genomics
Institute
University of California Berkeley

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Posted Apr. 16, 2024, set to expire Jun. 14, 2024

Job Title Assistant Project Scientist - HS Chau Women in
Enterprising Science Program - Innovative Genomics
Institute

Department Innovative Genomics Institute

Institution University of California Berkeley
Berkeley, California

Date Posted Apr. 16, 2024

Application Deadline 04/17/2024

Position Start Date Available immediately

Job Categories Research Scientist/Associate

Academic Field(s) Chemical/Petroleum
Bioengineering (all Bio-related fields)

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Job Description

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**Assistant Project Scientist - HS Chau Women in Enterprising Science Program - Innovative
Genomics Institute**

Position overview

Position title: Assistant Project Scientist

Salary range: The posted UC academic salary scales (<https://www.ucop.edu/academic-personnel-programs/compensation/2023-24-academic-salary-scales.html>)

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) set the minimum pay determined by rank and/or step at appointment. See the following table for the salary scale for this position: https://www.ucop.edu/academic-personnel-programs/_files/2023-24/july-2023-acad-salary-scales/t37-b.pdf. The base salary range, from the salary table(s), for this position is \$71,500 - \$91,000. Off-scale salaries' and other components of pay, which would yield compensation 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: September 2024

Position duration: One year

Application Window

Open date: February 9, 2024

Next review date: Monday, Apr 15, 2024 at 11:59pm (Pacific Time)

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

Final date: Wednesday, Apr 17, 2024 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 Innovative Genomics Institute (IGI) at the University of California, Berkeley invites applications for the 2023 HS Chau Women in Enterprising Science Program.

At the IGI, we believe that diversity, equity, and inclusion are fundamental to realizing the promise of genome engineering. We strive to provide a workplace that is welcoming, inclusive, and reflects the diversity of our community, with equal opportunity in hiring, development, and advancement. The HS Chau Women in Enterprising Science Program (WIES) at the IGI is committed to solving gender inequity in bio-entrepreneurship.

The program supports scientists whose work involves the development of solutions for some of the world's greatest problems. Successful candidates will align with the IGI's mission of bridging revolutionary genome editing and biotechnology tool development to affordable and accessible solutions in human health, climate, and agriculture; working toward a world where such technology is

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routinely applied to treat genetic disease; enable sustainable agriculture, and help achieve a carbon-neutral economy.

The WIES program is intended to:

- Promote gender equity in science and entrepreneurship.
- Encourage individuals who may not have considered becoming entrepreneurs to explore their ideas in a supportive community environment.
- Support these early stage participants as they develop their ideas such that they may be more prepared to enter later stage opportunities such as those at UC Berkeley (for example Skydeck and the Bakar Bioengineer Hub) if desired.
- Enable the translation of genomics and biotechnology research into impactful solutions, including commercial application.
- Provide financial, scientific, and educational support to participants and build a lively community of scientists, advisors, mentors, and entrepreneurs.
- Help participants find pathways to translate their research and ideas into practical applications.

Successful candidates will be matched with a scientific mentor at the IGI based on their area of research and participate in a year-long training program. Applications are welcome from any area of biomedical/agricultural research. Our particular interests include the following:

- Genome engineering tools and applications
- Biomedical research
- Artificial intelligence as it relates to biomedical or agricultural research
- Crop engineering and sustainability
- Carbon neutral economy
- Microbiome researchTherapeutic delivery technology

The WIES Assistant Project Scientist will engage in a variety of exciting learning opportunities and networking events. In addition to scientific mentorship, each participant will be paired with business advisors who can provide guidance on scientific and business practices through regular meetings during the year-long program. The WIES Assistant Project Scientist may also receive additional funding support for materials, supplies and use of core facilities. The program will be carried out in new self-contained laboratory facilities within the IGI building that will be available only to WIES program participants, as needed. Note, this opportunity is only one year in duration and is not eligible for reappointment.

At the end of the one year appointment (Phase 1), WIES program participants will be eligible to apply to become an Entrepreneur for the Phase 2 program which will include additional support from a third

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party donor. Phase 2 Entrepreneurs will no longer be employed by UC Berkeley and must incorporate their businesses and find their own laboratory space. More information about the HS Chau Women in Enterprising Science Program (WIES) can be found in the links section of this recruitment.

Responsibilities:

The IGI is a multidisciplinary research laboratory focused on genome engineering and potential applications in agriculture, microbiology, and biomedicine. It is a joint venture between UC Berkeley and UC San Francisco, with the administrative operations located on the Berkeley campus. This position is located at the UC Berkeley campus. The IGI is presently seeking up to 4 highly motivated scientists to develop independent research programs focused on using innovative genomics technology to develop solutions for climate change mitigation, improved food production, and better human health. Specific goals will be determined by the applicant, and should be aligned with IGI's current research programs. Research topics include, but are not limited to: rare & neglected diseases, blood disorders, neurodegenerative diseases, companion diagnostics & assay development, delivery of genome editing reagents, microbiome editing, advancing genome editing technology, epigenetic editing, editing of crops for climate resilience and climate mitigation, and biological solutions for carbon dioxide removal. The WIES Assistant Project Scientist will collaborate with other IGI investigators.

The HS Chau Women in Enterprising Science Program (WIES):

<https://innovativegenomics.org/enterprising-science-program/>

Qualifications

Basic qualifications (required at time of application)

PhD or equivalent international degree.

Preferred qualifications

PhD or equivalent international degree in Chemical, Biological Engineering, Molecular Genetics, Cell Biology, Biochemistry, or related discipline.

Experience with using genome editing tools, and/or other advanced genomic technologies.

Experience writing, leading, and managing grants, and securing own funding.

Experience with or interest in science entrepreneurship.

Experience with mentorship of undergraduates, graduate students, and/or technicians.

Ability to effectively communicate, participate in efficient and open in collaboration, and enjoys

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engaging with a diverse group of researchers. The ideal candidates will also be innovative and able to synergize various ideas and approaches, while exercising sound judgment to evaluate and take acceptable risks.

Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Project Proposal - The project proposal should describe the area of research, the question/solution that is being addressed, and the milestones needed to achieve the goals of the proposal. Please ensure your proposal is no more than four pages.

Apply link: <https://aprecruit.berkeley.edu/JPF04238>

Help contact: claricesouza@berkeley.edu

About UC Berkeley

UC Berkeley is committed to diversity, equity, inclusion, and belonging. The excellence of the institution requires an environment in which the diverse community of faculty, students, and staff are welcome and included. Successful candidates will demonstrate knowledge and skill related to ensuring equity and inclusion in the activities of their academic position (e.g., teaching, research, and service, as applicable).

The University of California, Berkeley 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, age, or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see:

<http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct>

In searches when letters of reference are required all letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the [UC Berkeley statement of confidentiality](#) prior to submitting their letter.

As a University employee, you will be required to comply with all applicable University policies and/or

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collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

Job location

Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF04238>

Contact Information

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

Contact

N/A

University of California Berkeley

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