

Postdoctoral Scholar Genomics, Aging, Somatic Mutation,  
Structural Variation, Evolution , Cancer Integrative Biology  
University of California Berkeley

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Posted Aug. 11, 2025, set to expire Oct. 24, 2025

**Job Title** Postdoctoral Scholar Genomics, Aging, Somatic  
Mutation, Structural Variation, Evolution , Cancer  
Integrative Biology

**Department**

**Institution** University of California Berkeley  
Berkeley, California

**Date Posted** Aug. 11, 2025

**Application Deadline** 10/24/2025

**Position Start Date** Available immediately

**Job Categories** Post-Doc

**Academic Field(s)** Biology - Genetics  
Biology - Developmental/Evolutionary

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**Job Description**

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**Postdoctoral Scholar Genomics, Aging, Somatic Mutation, Structural Variation, Evolution ,  
Cancer Integrative Biology**

**Position overview Position title:** Postdoc Employee-3252

**Salary range:** The UC academic salary scales set the minimum pay determined by rank and step at appointment. See the following table(s) for the current salary scale(s) for this position

[https://www.ucop.edu/academic-personnel-programs/\\_files/2025-26/represented-oct-2025-scales/t23.pdf](https://www.ucop.edu/academic-personnel-programs/_files/2025-26/represented-oct-2025-scales/t23.pdf)

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. A reasonable estimate for this position is \$69,073-\$77,030 annually.

**Percent time:** 100%

**Position duration:** 2 years with the possibility of extension based on performance and availability of funding.

**Application Window**

**Open date:** August 8, 2025

**Next review date:** Friday, Sep 12, 2025 at 11:59pm (Pacific Time)

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

**Final date:** Friday, Oct 24, 2025 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 Sudmant lab studies genetic and molecular phenotypic diversity at both the organismal and cellular level. We study the evolution, causes, and consequences of aging as well as the evolution of genome structure and cellular diversity. We are seeking a postdoc to research somatic mutation, aging, evolution, and diversity across primate species.

The Sudmant lab at UC Berkeley is seeking a postdoc to work on a fully funded NIH project to understand differences in DNA repair and somatic mutation across the primate tree of life. Primates exhibit a 10-fold range in lifespan and ~1000-fold variation in body size that has evolved over the past ~70 million years. Understanding how mutation rates, spectra, and dynamics have evolved in both somatic and germ-line cells to facilitate this phenotypic variation is a key question with important implications for human health and disease. This NIH-funded project will employ state-of-the art sequencing methods to profile somatic mutations across different primate species. There is a particular focus on structural variation and employing long-read sequencing methods. This project is in collaboration with Alex Cagan (Sanger / Cambridge) and Raheleh Rahbari (Sanger).

**Qualifications**

**Basic qualifications** (required at time of application)

PhD (or equivalent international degree) or enrolled in a PhD (or equivalent international degree) program

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**Additional qualifications** (required at time of start)

A PhD or equivalent international degree and record of published science.

No more than 3 years of post-degree research experience by start date.

**Preferred qualifications**

PhD. in Genomics, Genetics, Evolution or a related field.

Experience in genetics, genomics, biology, computer science or related fields and demonstrated record of productivity and publications.

Experience with analyzing large-scale genomic data.

**Application Requirements**

**Document requirements**

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Research Statement - Please discuss research accomplishments and proposed plans. This can include, for example, your publication record, awards, presentations, inclusive research practices that promote the excellence of your research, and areas for future research.

**Reference requirements**

- 3 required (contact information only)

**Apply link:** <https://aprecruit.berkeley.edu/JPF05052>

**Help contact:** [n.singh@berkeley.edu](mailto:n.singh@berkeley.edu)

**About UC Berkeley**

UC Berkeley is committed to diversity, equity, inclusion, and belonging in our public mission of research, teaching, and service, consistent with [UC Regents Policy 4400](#) and University of California Academic Personnel policy ([APM 210 1-d](#)). These values are embedded in our [Principles of Community](#), which reflect our passion for critical inquiry, debate, discovery and innovation, and our deep commitment to contributing to a better world. Every member of the UC Berkeley community has a role in sustaining a safe, caring and humane environment in which these values can thrive.

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

As a condition of employment, the finalist will be required to disclose if they are subject to any **final** administrative or judicial decisions within the last seven years determining that they committed any misconduct.

- "Misconduct" means any violation of the policies or laws governing conduct at the applicant's previous place of employment, including, but not limited to, violations of policies or laws prohibiting sexual harassment, sexual assault, or other forms of harassment or discrimination, as defined by the employer.
- [UC Sexual Violence and Sexual Harassment Policy](#)
- [UC Anti-Discrimination Policy](#)
- [APM - 035: Affirmative Action and Nondiscrimination in Employment](#)

**Job location**  
Berkeley, CA

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### Contact Information

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

### Contact

N/A

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