

Competition Details

Bakar Postdoctoral Fellowship in Computational Biomedicine

Dates

Internal Submission Deadline:	Sunday, November 1, 2026
Open Application On:	Wednesday, September 23, 2026 at 9:19 AM

Details

Administrator(s):	BCBI Postdoc Recruitment (Owner) Yun Song Julie Niedermayr
Category:	Limited Submission Opportunity- Open for Campus NOIs
Cycle:	FY26
Number of Applications Allowed per Applicant:	1
Reference Letters Required per Applicant:	3

Description

The Bakar Computational Biomedicine Initiative (BCBI) at UC Berkeley and UCSF invites applications for its Postdoctoral Fellows Program, which will recruit exceptional early-career scientists at the forefront of computational biomedicine. BCBI offers a distinctive model for postdoctoral research designed to foster scientific independence, interdisciplinary collaboration, and close engagement with important problems in biology and medicine.

We seek outstanding researchers with training in AI/machine learning, computer science, statistics, mathematics, physics, or related quantitative fields who aim to develop innovative computational and statistical methods that advance biological and biomedical discovery. Fellows will be mentored by world-leading researchers in AI and machine learning while collaborating with the extraordinary biological, experimental, and biomedical research ecosystem spanning UC Berkeley and UCSF. Prior research experience in biology or biomedicine is highly valued but not required; exceptional quantitative scientists seeking to transition into biomedicine are strongly encouraged to apply.

The Fellowship is a two-year appointment, with the possibility of renewal for a third year based on

performance.

- Fellows will have designated computational mentors but will not be confined to a single lab or predefined research area.
- Fellows will be encouraged to pursue ambitious research directions and build collaborations with multiple labs.
- Regular working group meetings, workshops, and annual retreats will connect Fellows with a broad scientific community.

Prospective applicants are encouraged to read the [BCBI Vision Statement](#) to learn more about the Fellowship and the collaborative research environment we seek to create. Our goal is to cultivate future leaders in computational biomedicine, scientists who can move fluently between computation and experiment; develop innovative methods motivated by fundamental problems in biology and medicine; and catalyze discoveries that would be difficult to achieve within the boundaries of any single discipline or lab.

Qualifications

We seek candidates who demonstrate:

- Exceptional academic achievement and significant intellectual contributions to published research.
- Exceptional quantitative and computational ability, particularly in AI, machine learning, computer science, or statistics.
- Outstanding scientific promise and the ability to articulate ambitious research goals.
- Deep intellectual curiosity about biology and biomedicine.
- A strong commitment to collaborative, interdisciplinary research.

Candidates should have received, or expect to receive, a Ph.D. or equivalent doctoral degree approximately between **January 1, 2025, and August 31, 2027**.

Application Instruction and Timeline

Review of applications will begin on November 2, 2026.

Completed applications (all required documents including three letters of recommendation) received by **November 1, 2026, 11:59 PM Pacific Time** will receive full consideration, and review will continue until all available fellowships are filled. Applications must include:

- **Cover Letter** identifying up to three potential [computational faculty mentors listed on the BCBI website](#).
- **Curriculum Vitae**.
- **Research Statement** of up to two pages, excluding references, describing past research accomplishments and future goals.
- **Up to three representative publications or preprints**, accompanied by a brief description of the candidate's role in each.
- **Three letters of reference**, submitted directly by the referees on institutional letterhead. Letters should be submitted by November 1, 2026.

Should you have any questions, please contact us at bcbi-postdoc-recruitment@berkeley.edu

