

Postdoc - Hawaiian arthropod diversity and community  
metabarcoding - Essig Museum of Entomology  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=269675>

Downloaded On: Dec. 23, 2025 4:59pm

Posted Dec. 23, 2025, set to expire Jan. 19, 2026

**Job Title** Postdoc - Hawaiian arthropod diversity and  
community metabarcoding - Essig Museum of  
Entomology

**Department** Gillespie and Roderick Evolab  
**Institution** University of California Berkeley  
Berkeley, California

**Date Posted** Dec. 23, 2025

**Application Deadline** 01/19/2026

**Position Start Date** Available immediately

**Job Categories** Post-Doc

**Academic Field(s)** Entomology

**Apply Online Here** <https://apptrkr.com/6803075>

**Apply By Email**

**Job Description**

Image not found or type unknown

**Postdoc - Hawaiian arthropod diversity and community metabarcoding - Essig Museum of  
Entomology**

**Position overview**

**Salary range:** The UC postdoc salary scales set the minimum pay determined by experience level 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). A reasonable estimate for this position is \$69,073-\$77,030.

Postdoc - Hawaiian arthropod diversity and community  
metabarcoding - Essig Museum of Entomology  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=269675>

Downloaded On: Dec. 23, 2025 4:59pm

Posted Dec. 23, 2025, set to expire Jan. 19, 2026

**Percent time:** 100%

**Anticipated start:** Spring 2026

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

**Application Window**

**Open date:** December 18, 2025

**Next review date:** Sunday, Jan 4, 2026 at 11:59pm (Pacific Time)

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

**Final date:** Monday, Jan 19, 2026 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 Gillespie and Roderick Evolab at the University of California at Berkeley is seeking a postdoctoral scholar to conduct research for NSF- and DoD-funded projects that aim to link signatures of arthropod diversity obtained from DNA metabarcoding, across the Hawaiian Islands with broad scale remote sensing.

The postdoc will focus on high-throughput arthropod biodiversity sequencing across two orthogonal gradients set within the same native forest type - the first gradient is a geological chronosequence, from 0-5 million years; the second, intersecting, gradient is a landscape matrix from native to heavily invaded forest habitats on each island. Whole arthropod communities are sampled using genetic signatures from the high-throughput sequencing to test models of community assembly over extended ecological-to-evolutionary time; the models will predict trajectories of assembly and disassembly in the face of rapid biotic change.

The lab's study the ecology and evolution of Hawaiian arthropods in the context of the assembly of communities through evolutionary time, and the impact of non-native species. Recent work involves collaboration with researchers working with vegetation monitoring, and geospatial and remote sensing data.

Within UC Berkeley, the successful candidate will have access to multiple departments, including

Postdoc - Hawaiian arthropod diversity and community  
metabarcoding - Essig Museum of Entomology  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=269675>

Downloaded On: Dec. 23, 2025 4:59pm

Posted Dec. 23, 2025, set to expire Jan. 19, 2026

Environmental Science Policy and Management, Integrative Biology, Geography, the Center for Computational Biology, and the Berkeley Natural History Museums and Field Stations.

**Responsibilities:**

1. The postdoc will work with the PI to develop a plan for DNA metabarcoding of Hawaiian arthropods and the analysis of molecular data.
2. The postdoc will meet with the PI on a weekly basis to discuss results and progress on manuscripts.
3. The postdoc will work with junior lab members to mentor them on laboratory and field techniques and analyses.
4. The postdoc will contribute to lab duties, which is evenly distributed among all lab members.
5. The postdoc will draft and contribute to manuscripts for submission to appropriate peer-reviewed journals and present research findings at top-tier conferences and local workshops to disseminate results to the scientific community.

**Qualifications**

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

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

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

Ph.D. (or equivalent international degree) required by the appointment start date.

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

**Preferred qualifications**

- Experience with high throughput DNA sequencing
- Proficiency with bioinformatic pipelines for DNA metabarcoding
- Ability to work with others
- Valid driver's license
- Knowledge of arthropod diversity
- Ability to work in challenging field conditions
- Experience mentoring undergraduate students
- Field experience in Hawaii or other Pacific Islands
- Experience building DNA reference libraries

**Application Requirements**

Postdoc - Hawaiian arthropod diversity and community  
metabarcoding - Essig Museum of Entomology  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=269675>

Downloaded On: Dec. 23, 2025 4:59pm

Posted Dec. 23, 2025, set to expire Jan. 19, 2026

### Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter

### Reference requirements

- 3 required (contact information only)

Name, Email, Institution, and Phone Number

**Apply link:** <https://aprecruit.berkeley.edu/JPF05219>

**Help contact:** [gillespie@berkeley.edu](mailto:gillespie@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.

The University of California, Berkeley is an Equal Opportunity 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 more information, please refer to the [University of California's Affirmative Action and Nondiscrimination in Employment Policy](#) and the [University of California's Anti-Discrimination Policy](#).

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.

Postdoc - Hawaiian arthropod diversity and community  
metabarcoding - Essig Museum of Entomology  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=269675>

Downloaded On: Dec. 23, 2025 4:59pm

Posted Dec. 23, 2025, set to expire Jan. 19, 2026

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.

Unless stated otherwise, unambiguously, in the position description, this position does not include sponsorship of a new consular H-1B visa petition that would require payment of the \$100,000 supplemental fee.

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**

Hilgard Rm 227, Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF05219>

**Contact Information**

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

Postdoc - Hawaiian arthropod diversity and community  
metabarcoding - Essig Museum of Entomology  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=269675>

Downloaded On: Dec. 23, 2025 4:59pm

Posted Dec. 23, 2025, set to expire Jan. 19, 2026

**Contact**

N/A

University of California Berkeley

,