

Postdoctoral Scholar - Human Evolutionary Genetics -
QB3
University of California, Berkeley

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Posted Aug. 20, 2019, removed Sep. 20, 2019

Job Title	Postdoctoral Scholar - Human Evolutionary Genetics - QB3
Department	
Institution	University of California, Berkeley Berkeley, California
Date Posted	Aug. 20, 2019
Application Deadline	9/30/2019
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Biology - Genetics Biology - Developmental/Evolutionary
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Apply By Email

Job Description

Recruitment Period

Open date: August 16th, 2019

Next review date: Monday, Sep 30, 2019 at 11:59pm (Pacific Time)

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

Final date: Monday, Sep 30, 2019 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.

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Description

The Moorjani Lab

([url=https://apptrkr.com/get_redirect.php?id=1581724&targetURL=https://moorjanilab.org/](https://apptrkr.com/get_redirect.php?id=1581724&targetURL=https://moorjanilab.org/) rel="nofollow"><https://moorjanilab.org/>) at University of California, Berkeley has a post-doctoral position available for motivated candidates with background in statistical population genetics and/or computational biology.

Our lab uses computational and statistical methods to investigate questions in human evolutionary genetics, in particular on mutation rate, demographic inference and archaic ancestry. A central aim in the lab is to understand the impact of evolutionary history on genetic variation and to apply this knowledge to learn about human history and disease. To this end, we use genetic data from ancient specimens and present-day species to learn about: (1) when key events (such as introgression and adaptations) occurred in human history, (2) how different evolutionary processes such as mutation rate evolve across primates, and (3) how we can leverage these patterns to identify genetic variants related to human adaptation and disease. The research in the lab involves both development of new methods and large-scale genomic data analysis.

Responsibilities:

A successful candidate will develop and apply computational approaches to large genomic datasets to characterize patterns of population history, disease and adaptation. The main responsibilities include conducting research, attending regular lab meetings and journal clubs, and preparing research results for publication and presentations at scientific meetings. Opportunities may also exist for mentoring graduate and undergraduate students.

Basic Qualifications required at the time of application:

Ph.D or equivalent international degree or enrolled in Ph.D or equivalent international degree program

Additional Qualifications must be met by the start of the job:

PhD or equivalent international degree

Programming experience (e.g. R, Python/ Perl, C/C++, or other programming languages)

Preferred Qualifications:

PhD degree in genetics, genomics, computational biology, biostatistics, population genetics, or related field.

Experience with genomic data analysis and methods development.

Demonstrated track record of productivity and publications.

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Salary: This is a full-time position. Salary is commensurate with qualifications and experience.

To apply, please go to the following link:

[url=https://apptrkr.com/1581724" rel="nofollow]https://aprecruit.berkeley.edu/JPF02291

Three letters of reference are required with the application. 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

([url=https://apptrkr.com/get_redirect.php?id=1581724&targetURL=http://apo.berkeley.edu/evalltr.html" rel="nofollow]http://apo.berkeley.edu/evalltr.html) prior to submitting their letters.

This position will be open until filled. The appointment is for a duration of one year with possibility of renewal. Please address inquiries to Maria Ruiz,

[url=https://apptrkr.com/get_redirect.php?id=1581724&targetURL=mailto:maruiz@berkeley.edu" rel="nofollow]maruiz@berkeley.edu.

University of California Postdoctoral Scholars are exclusively represented by the United Automobile, Aerospace and Agricultural Implement Workers of America (UAW). The union's (UAW 5810) website is [url=https://apptrkr.com/get_redirect.php?id=1581724&targetURL=http://uaw5810.org/" rel="nofollow]http://uaw5810.org/.

Details concerning your benefits as a Postdoctoral Scholar are set forth in Article 3, "Benefits," of the UC-UAW Local 5810 Collective Bargaining Agreement (CBA). A copy of the CBA between the University of California and the UAW is located at:

[url=https://apptrkr.com/get_redirect.php?id=1581724&targetURL=http://ucnet.universityofcalifornia.edu/labor/units/px/index.html" rel="nofollow]http://ucnet.universityofcalifornia.edu/labor/bargaining-units/px/index.html.

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

[url=https://apptrkr.com/get_redirect.php?id=1581724&targetURL=http://policy.ucop.edu/doc/4000376/Nondisr" rel="nofollow]http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct.

Document requirements

Curriculum Vitae - Your most recently updated C.V.

Cover Letter

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Statement of Research - One-page summary of research interests, in particular overview of research questions you are interested in pursuing in future.

Reference requirements

* 3 letters of reference required

[img]<https://www.jobelephant.com/img.php?id=1581724&image=logo>" />

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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