

Junior/Assistant Specialist - Transcriptional Dynamics in
Vertebrates - Garcia Lab - Department of Molecular &
Cellular Biology
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=254340>

Downloaded On: Mar. 12, 2025 10:55pm

Posted Mar. 12, 2025, set to expire Apr. 11, 2025

Job Title Junior/Assistant Specialist - Transcriptional Dynamics
in Vertebrates - Garcia Lab - Department of Molecular
& Cellular Biology

Department Molecular & Cellular Biology

Institution University of California Berkeley
Berkeley, California

Date Posted Mar. 12, 2025

Application Deadline 04/09/2025

Position Start Date Available immediately

Job Categories Research Scientist/Associate

Academic Field(s) Biology - Genetics
Biology - Developmental/Evolutionary
Biology - General
Biology - Molecular
Biology - Cell Biology
Biology - Biochemistry

Apply Online Here <https://apptrkr.com/6070440>

Apply By Email

Job Description

Image not found or type unknown



**Junior/Assistant Specialist - Transcriptional Dynamics in Vertebrates - Garcia Lab - Department
of Molecular & Cellular Biology**

Junior/Assistant Specialist - Transcriptional Dynamics in
Vertebrates - Garcia Lab - Department of Molecular &
Cellular Biology
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=254340>

Downloaded On: Mar. 12, 2025 10:55pm

Posted Mar. 12, 2025, set to expire Apr. 11, 2025

Position overview

Position title: Junior/Assistant Specialist

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/2024-25/july-2024-scales/t24-b.pdf. A

reasonable estimate for this position is \$53,100-\$64,700.

Percent time: 100%

Anticipated start: Winter/Spring 2025

Position duration: One year with the possibility of extension based on performance and availability of funding.

Application Window

Open date: March 10, 2025

Next review date: Tuesday, Mar 25, 2025 at 11:59pm (Pacific Time)

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

Final date: Wednesday, Apr 9, 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 Department of Molecular & Cellular Biology at the University of California, Berkeley seeks applications for a Junior/Assistant Specialist in the Garcia Lab, in the area of Transcriptional Dynamics in Vertebrates.

Over the last few decades, impressive progress has been made in uncovering how embryonic development is driven by genes connected in complex regulatory networks. Our research goal is to endow these networks with quantitative and molecular information that makes it possible to precisely predict how the gene expression patterns that dictate cellular identity are prescribed by input activators and repressors, and the arrangement of binding sites for these transcription factors on the DNA. We test our models by systematically varying DNA regulatory architecture and by inventing new technology to perform precision measurements of the flow of information along the central dogma.

Junior/Assistant Specialist - Transcriptional Dynamics in
Vertebrates - Garcia Lab - Department of Molecular &
Cellular Biology
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=254340>

Downloaded On: Mar. 12, 2025 10:55pm

Posted Mar. 12, 2025, set to expire Apr. 11, 2025

The incumbent will support ongoing projects aimed at understanding the transcriptional dynamics underlying vertebrate segmentation, using zebrafish as a model system. Specifically, we have recently developed technology to, for the first time, measure the expression dynamics of individual genes in single cells of living, developing fish. The imaging requires us to go beyond the laser-scanning confocal microscopy, and delve into cutting-edge light-sheet microscopy.

The duties of the positions include:

- Propagating zebrafish lines (breeding adults, collecting and screening embryos, dechlorinating zebrafish embryos at early stages, casting molds, and precisely positioning the embryos for imaging.
- Imaging zebrafish embryos using complex microscopy, including development of methodology.
- Data curation and analysis.
- Preparing figures and results for both verbal presentations, as well as manuscripts for submission to peer-reviewed journals.

Conducting research in a collaborative environment with an appreciation for lab safety and an environment that values equity, inclusion and diversity.

This position provides full benefits.

Contract: <https://ucnet.universityofcalifornia.edu/resources/employment-policies-contracts/bargaining-units/academic-researchers/contract/>

Lab: <https://garcialab.berkeley.edu/>

Qualifications

Basic qualifications (required at time of application)

Bachelor's degree (or equivalent international degree) or enrollment in a Bachelor's (or equivalent international degree) program

Additional qualifications (required at time of start)

Bachelor's degree (or equivalent international degree)

Preferred qualifications

- Bachelor's degree in an area of molecular and cell biology, such as biochemistry, genetics, cell biology or developmental biology, or related field.

Junior/Assistant Specialist - Transcriptional Dynamics in
Vertebrates - Garcia Lab - Department of Molecular &
Cellular Biology
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=254340>

Downloaded On: Mar. 12, 2025 10:55pm

Posted Mar. 12, 2025, set to expire Apr. 11, 2025

- Coursework in molecular biology, genetics, developmental biology, biophysics.
- Proficiency in bioinformatics.
- Computational analysis of datasets.
- Experience working in a research lab.
- Basic molecular biology techniques.
- Basic microscopy techniques.
- Ability to design and interpret experiments.
- Ability to prepare figures for manuscripts.
- Demonstrated proficiency to work as part of a research team, as well as independently.
- Experience working with zebrafish.

Application Requirements

Document requirements

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

Reference requirements

- 3-5 required (contact information only)

Apply link: <https://aprecruit.berkeley.edu/JPF04815>

Help contact: hggarcia@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

Junior/Assistant Specialist - Transcriptional Dynamics in
Vertebrates - Garcia Lab - Department of Molecular &
Cellular Biology
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=254340>

Downloaded On: Mar. 12, 2025 10:55pm

Posted Mar. 12, 2025; set to expire Apr. 11, 2025

orientation, gender identity, national origin, disability, age, or protected veteran status.

Please refer to the [University of California's Affirmative Action 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.

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, are currently being investigated for misconduct, left a position during an investigation for alleged misconduct, or have filed an appeal with a previous employer.

- "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, discrimination, dishonesty, or unethical conduct, as defined by the employer.
- [UC Sexual Violence and Sexual Harassment Policy](#)
- [UC Anti-Discrimination Policy for Employees, Students and Third Parties](#)
- [APM - 035: Affirmative Action and Nondiscrimination in Employment](#)

Job location

Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF04815>

Junior/Assistant Specialist - Transcriptional Dynamics in
Vertebrates - Garcia Lab - Department of Molecular &
Cellular Biology
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=254340>

Downloaded On: Mar. 12, 2025 10:55pm

Posted Mar. 12, 2025, set to expire Apr. 11, 2025

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

,