



May 4<sup>th</sup>, 2023

### **Postdoctoral Fellow – Neural Circuit Development for Higher Brain Functions**

The Kim Lab at the Molecular, Cell, and Developmental Biology Department of the University of California, Santa Cruz is excited to announce the availability of several NIH-funded postdoctoral research fellowships, funded by BRAIN Initiative and other R01s. We are seeking dynamic and motivated individuals with a Ph.D. degree to join our innovative and stimulating research group.

Our lab aims to uncover the fundamental principles of neural connectivity formation and its impact on animal perception and behavior. We take a multidisciplinary approach by combining cutting-edge technologies such as engineering novel neural circuit tracing systems, utilizing next-generation trans-synaptic viral tracers, mouse genetics, single-cell genome-wide sequencing, and *in vivo* imaging.

We offer you exceptional research opportunities to take your scientific career to the next level, as well as strong academic interactions and collaborations across UCSC's top-tier neuroscience and molecular biology labs, and beyond. To learn more, visit our website at <http://www.ejkimlab.com/>.

The University of California, Santa Cruz is a prestigious institution within the UC system, with a world-renowned Genomics Institute and exceptional neuroscience and molecular biology labs. Our location in the small progressive town of Santa Cruz, nestled among the majestic redwood trees and just a short drive from San Jose/Silicon Valley or San Francisco Bay, offers a picturesque and stimulating environment for scientific exploration. UCSC offers exceptional career development programs for postdoctoral fellows, including the NIH IRACDA or T32 postdoctoral fellowship program and CIRM training program (<https://graddiv.ucsc.edu/postdocs/training-mentoring.html>).

We welcome applicants with diverse backgrounds and areas of expertise, including (neuro)developmental biology with genomics experience, molecular biology, virus engineering, electrophysiology and imaging, mouse surgery and handling related to neural circuit tracing and manipulations, and molecular and cellular neuroscience.

Please submit your application, including a curriculum vitae, a brief cover letter outlining your research interests and goals, and the contact information of three individuals who will provide letters of reference. Informal inquiries are also welcome. We look forward to hearing from you!

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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, age, disability, protected veteran status, or any other characteristic protected by law.