**Who we are:**

The Yang Lab at the University of California Riverside is seeking candidates to fill 1 NIH-supported postdoc position. Our lab is uniquely positioned to combine state-of-the-art neural recording and manipulation techniques with computational modeling to address important questions in systems neuroscience.

Our current research is focused on elucidating cellular and circuit mechanisms of flexible decision-making (e.g., McBurney-Lin et al., *Cell Reports*, 2022; Nigro et al., *eLife*, 2025). We employ multi-disciplinary approaches, including *in vivo* patch-clamp and multi-channel electrophysiology, calcium imaging, optogenetics, chemogenetics, quantitative animal behavior and computational modeling to understand the cellular and circuit mechanisms underlying frontal and neuromodulatory regulation of behavioral flexibility in mice.

**Who you are:**
- Ph.D. degree or equivalent in neuroscience or related disciplines
- Solid experience in rodent behavior/*in vivo* electrophysiology/*in vivo* calcium imaging
- Self-motivated
- Less than 3 years of postdoctoral training are preferred
- Analytical skills with Matlab or Python is a plus

**What we offer:**
- Excellent opportunities to advance your academic career
- Excellent training in technical and analytical skills
- Vibrant and dynamic research environment
- Collaborations with neural computation, human brain imaging and biophysics labs in California and other international institutes
- Competitive postdoc salary

**How to apply:**

Submit a curriculum vite to https://aprecruit.ucr.edu/apply/JPF0222 . Interested applicants should submit a single PDF including a cover letter, CV and contact information for 3 references to hongdian@ucr.edu. For additional information, please visit https://yhongdian.wixsite.com/yanglab.

Review of applications will commence on 03/17/2026 and proceed until position is filled. For full consideration, applicants should submit their complete applications prior to the above date.