POSTDOCTORAL SCHOLAR IN VISION SCIENCE

The UCLA Stein Eye Institute and Department of Ophthalmology invite applications for postdoctoral scholars in vision research to study “The Role of Corneal and Retinal Innervation in Pain and Photoallodynia.” Our laboratory seeks to understand the neural pathways underlying ocular surface pain and light sensitivity using multidisciplinary experimental approaches including neuro-anatomical, behavioral and in vivo and ex vivo imaging approaches. The laboratory uses clinically-relevant mouse models of photoallodynia, including migraine and corneal surface damage, to study shared and independent pathways. We and others recently identified a novel trigeminal pathway that in conjunction with retinal pathways, contributes to light sensitivity and corneal mechanical sensitivity. In complementary goals, the laboratory is generating a comprehensive anatomical and functional map of corneal-trigeminal innervation underlying blink, lacrimation and nociception. The candidate will lead existing research projects in design, execute and analyze experiments at the cellular and molecular level, as well as present at scientific meetings and write manuscripts for peer reviewed publication.

Candidates should have a doctorate (Ph.D. or M.D./Ph.D.) and have background in ocular research or behavioral neuroscience, or a related discipline. A familiarity with molecular and cellular analyses, immunohistochemistry and animal models is preferred.

Candidates are required to submit application packets via the UC Recruit website and should be addressed to:

Anna Matynia, Ph.D.
UCLA Department of Ophthalmology
https://recruit.apo.ucla.edu/apply/JPF07831

➢ The Cultural North Star was developed by members of our community and affirms our unswerving commitment to doing what’s right, making things better, and being kind. These are the standards to which we hold ourselves, and one another.  https://medschool.ucla.edu/cultural-north-star

➢ 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. UCLA has programs to assist in partner employment, childcare, schooling and other family concerns.

➢ As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. Please refer to Appendix F, Section II.C. of the policy for the deadlines applicable to new University of California employees. (Capitalized terms in this paragraph are defined in the policy.) Federal, state, or local public health directives may impose additional requirements.

➢ UC Regents Statement on Ethical Values and Standards of Conduct: All aspects of searches are confidential and all candidates are expected to review and abide by UC Regents Policy 1111 on Statement on Ethical Values and Standards of Conduct  https://regents.universityofcalifornia.edu/governance/policies/1111.html.