Postdoctoral Fellowship in the MRLT lab

The Murphy-Russell-Leonard-Thomasy Vision Sciences Research Laboratory, Department of Surgical and Radiological Sciences, School of Veterinary Medicine, University of California-Davis (mrtvisionsciences.com) expects to offer a 1 to 2-year, paid, Postdoctoral Fellowship beginning ~October 1st, 2022. The successful applicant will become a key member of our team which includes 4 Principal Investigators, 4-6 postdoctoral fellows/graduate students, 2-3 technicians and 8-12 undergraduate students. This is a research position with no clinical commitment.

**SALARY:** Dependent on qualifications and experience

**START DATE:** Negotiable but ideally by October 1, 2022

**QUALIFICATIONS:** PhD, DVM or OD is required with experience in ophthalmology or vision science research preferred. Experience performing slit lamp examinations, external photography, fundoscopy, fundus photography, and optical coherence tomography preferred.

**RESPONSIBILITIES:** The purpose of the Post-Doctoral appointment is to provide training beyond the terminal degree. Those who hold the appointment are expected to exercise considerable discretion in the selection of research related work consistent with the funding source from which the stipend is paid. The selected individuals will be expected to conduct research on a variety of topics concerning large animal models of ocular disease, retinal ganglion cell structure and function, and corneal wound healing under the direction and guidance of Drs. Sara Thomasy (PI), Brian Leonard (PI), Paul Russell (PI) and Christopher Murphy (PI) associated with the Schools of Medicine and Veterinary Medicine. It is anticipated that the individual(s) selected will take responsibility for designing and carrying out research projects, analyzing data using appropriate statistical methods, assemble results of research into manuscripts for publication and participate in laboratory maintenance. The successful candidate will supervise students regarding the technical aspects of research including method development, trouble-shooting problems, interpreting results and planning follow-up experiments. Additionally, the individual will participate in the preparation of grants for submission to funding agencies and in providing guidance and assistance to other student members of the laboratory as required. They will serve as a reviewer of research proposals and scientific publications and attend seminars to present research results as well as give oral or poster presentations to public and professional interest groups. The majority of the work will concern spontaneous as well as inducible animal models with the opportunity to engage in cell and molecular biology in vitro studies as time allows.

**APPLICATION PROCESS:** To receive fullest consideration, applications must be received by Thursday, September 1; position(s) will remain open until filled. Interested applicants should submit via email 1) a letter of intent outlining special interest in the position, overall related qualifications and experience and career goals; 2) curriculum vitae; and 3) the names and addresses of three professional references to smthomasy@ucdavis.edu:

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The University of California, Davis and the Department of Surgical & Radiological Sciences, School of Veterinary Medicine, are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an affirmative action/equal opportunity employer.