William and Ann Kohl Summer Scholarship for Medical Students
Department of Ophthalmology & Vision Science
University of California, Davis

The Department of Ophthalmology & Vision Science at UC Davis is pleased to announce the William and Ann Kohl Summer Scholarship for medical students. This opportunity provides a stipend of $2500 for students undertaking mentored research in the vision sciences.

The Eye Center will offer up to four summer research scholarships each year under the William and Ann Kohl Summer Scholars Program. The stipend will be $2500 per student.

Associated with this program is the William and Ann Kohl Research Travel Grant, which will consist of a $1200 stipend per student. The grant is intended to defray the cost of travel to national ophthalmology conferences for the purpose of presentation of the research performed.

The recipient(s) of the research scholarships must meet the following eligibility requirements:

- Currently enrolled in an accredited U.S. Medical School – any year
- Interested in pursuing a career in ophthalmology.
- Will perform either basic science research or clinical research.
- Has discussed a project with and secured a research mentor in the department (basic science or clinical faculty member). Please see the attached list of mentors and projects and contact the faculty member to discuss your interest/inquire about the details.
- Can dedicate a total of 8-12 weeks to a summer research project on a full-time basis.
- Will present his or her work at the conclusion of the summer in a formal presentation.
- Aim to submit the work at a national ophthalmology/vision science conference and for publication in a peer-reviewed journal.

Please include a statement detailing your interest in the field of ophthalmology and your motivations for research. In addition, include a discussion about your research background, goals for the summer, and long-term career goals. Recipients will be selected by a committee of UC Davis faculty.

Mentoring will be provided by a member of the basic science or clinical faculty member, and research can be continued in the future after the close of the summer period. Applicants are eligible to apply more than once, for example, if you are able to devote more than one summer session to research. Interested students should contact Dr. Annie Baik at akbaik@ucdavis.edu.

DEADLINE FOR APPLICATIONS: MAY 1, 2018
NOTIFICATION DATE: MAY 20, 2018
Submit application to Dr. Baik at akbaik@ucdavis.edu.
APPLICATION FOR WILLIAM AND ANN KOHL SUMMER RESEARCH SCHOLARSHIP

Please discuss your interest in ophthalmology.

What is your past experience with research? Please include a brief description of prior research projects with which you were involved.

Please describe your proposed project with your mentor. Remember to contact him/her to discuss the project prior to submitting this application – research projects must be performed in conjunction with a basic science or clinical faculty member of the University of California, Davis Department of Ophthalmology & Vision Science. Your discussion should include: the question(s) you seek to answer through your project, research hypothesis, and if possible, the proposed methods.

Please attach your updated curriculum vitae.

Please provide 1-2 letters of reference and contact information for your references. References can be prior research mentors or instructors/professors from your coursework.

Please submit a copy of your medical school transcript with coursework to date; unofficial transcripts are acceptable.
The applicant may propose their own project by contacting Dr. Baik (akbaik@ucdavis.edu) to assign a mentor that would be appropriate.

RESEARCH MENTORS AND PROJECTS CURRENTLY AVAILABLE:

Ala Moshiri, MD, PhD (vitreoretinal specialist, clinician-scientist)
“Novel Mouse Models of Retinal Degenerative Disease”
Dr. Moshiri recommends at least 12 weeks of full-time work and the work requires a student with significant comfort in a biology laboratory.
Contact information: amoshiri@ucdavis.edu

Glenn Yiu, MD, PhD (vitreoretinal specialist, clinician-scientist)
“Ocular Imaging and Clinical Outcomes in Retinal Diseases”
“Diabetic Screening and Deep Learning”
“Imaging in Primate Models of Macular Diseases”
“CRISPR-based Gene Editing for Retinal Therapy”
Contact information: gyi@ucdavis.edu

Min Zhao, PhD (professor)
Kenichi Nakajima, PhD (adjunct assistant professor)
Kan Zhu, PhD (postdoctoral fellow)
“Collective Migration of Corneal Epithelial Cells in Wound Healing”
Contact information: minzhao@ucdavis.edu, kennakajima@ucdavis.edu, kanzhu@ucdavis.edu

Mark Mannis, MD (professor)
Esther Kim, MD (professor)
Alan Roth, MD (professor emeritus)
“Review of conjunctival tumors at UC Davis—exploration of the specimen collection at UC Davis”
Contact information: Mark Mannis, MD mjmannis@ucdavis.edu

Mark Mannis, MD (professor)
“Historical research on the use of electricity as a therapeutic agent in ophthalmology”
Contact information: Mark Mannis, MD mjmannis@ucdavis.edu

Susanna Park, MD, PhD (professor)
"Repeatability of quantitative measures on OCT angiography"
Contact Information: sscpark@ucdavis.edu