

**J. William Kohl, M.D. 2023 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 **J. William Kohl, M.D. 2023 Summer Scholarship for Medical Students**. This opportunity provides a stipend of \$2,500 for at least four medical students undertaking mentored research in the vision sciences.

Associated with this program is the **J. William Kohl, M.D. 2023 Summer Scholarship Travel Grant**, which will consist of a \$1,200 stipend per student. The grant is intended to defray the cost of presenting their summer research at national ophthalmology conferences or meetings.

### **Eligibility Requirements**

- Currently enrolled in an accredited U.S. Medical School\*
- Interested in pursuing a career in ophthalmology
- Have a plan for a research project\*\* that has been approved/ agreed upon by UC Davis faculty member and will take place for 8-12 weeks during summer 2023
  - Kohl Scholars will work with mentors to submit their work at a national ophthalmology/vision science conference and for publication in a peer-reviewed journal
- Students currently working on ongoing research with a UC Davis faculty member may apply for funding through the Kohl scholarship only if they are not receiving funding through other sources during the summer quarter
- Previous Kohl Summer Scholars are welcome to apply again

***Non-UC Davis medical students:*** To participate in the **J. William Kohl, M.D. 2023 Summer Scholarship** program, medical students outside of UC Davis must coordinate with UC Davis staff to determine the manner in which scholarship funds may be received by you or your institution.

\*\*Information related to available research opportunities may be found at the end of the application

### **J. William Kohl, M.D. 2023 Summer Scholarship Research Symposium**

In early fall 2023, scholars will present their research at an evening research symposium at UC Davis Eye Center for Mrs. Ann Kohl, UC Davis Eye Center faculty, and medical students. Those students visiting from other institutions may present virtually.

### **Scholarship Application Timeline**

- Application deadline: March 25, 2023 at 11:59 PM
  - Submit application (see page 2) to [ucdkohlscholars@gmail.com](mailto:ucdkohlscholars@gmail.com)

**APPLICATION FOR  
J. William Kohl, M.D. 2023 Summer Scholarship for Medical Students**

Please respond to the following prompts:

- What is your interest in ophthalmology and research?
- What is your experience with research? Please include a brief description a prior research project(s) with which you were involved.
- Please describe your proposed project with your mentor\*. Your response should include:
  - The question(s) you seek to answer through your project.
  - Research hypothesis.
  - Proposed research methods.

*\*Research projects for this program must be mentored by a faculty member of the UC Davis Department of Ophthalmology & Vision Science. Applicants are to contact their mentors prior to submitting this application. Your discussion should include the question(s) you seek to answer through your project, research hypothesis, and if possible, the proposed methods.*

Please also provide the following items:

- Current CV
- At least one (1) but no more than two (2) letters of recommendation from previous research mentors or instructors/ professors from your coursework
  - The letter of recommendation should be submitted directly to [ucdkohlscholars@gmail.com](mailto:ucdkohlscholars@gmail.com) from the letter writer
- A copy of your medical student transcript

## RESEARCH OPPORTUNITIES

### J. William Kohl, M.D. 2023 Summer Scholarship for Medical Students

Below is a list of ophthalmology research projects proposed by UC Davis clinical and basic science faculty. Please contact the faculty member directly to discuss the research project prior to submission of your application.

#### Proposed Research Opportunities

Natural history of branch retinal artery ischemia

Mentor: Glenn Yiu, MD PhD ([gyiu@ucdavis.edu](mailto:gyiu@ucdavis.edu))

OCT biomarkers in patients with intermediate AMD

Mentor: Glenn Yiu, MD PhD ([gyiu@ucdavis.edu](mailto:gyiu@ucdavis.edu))

Long-term changes in choroidal thickness in retinal diseases

Mentor: Glenn Yiu, MD PhD ([gyiu@ucdavis.edu](mailto:gyiu@ucdavis.edu))

Factors impacting U.S. medical student interest in Ophthalmology

Mentor: Glenn Yiu, MD PhD ([gyiu@ucdavis.edu](mailto:gyiu@ucdavis.edu))

Mitochondria dysfunction in aging and drusen in nonhuman primates

Mentor: Glenn Yiu, MD PhD ([gyiu@ucdavis.edu](mailto:gyiu@ucdavis.edu))

Retinal detachment in incarcerated patients

Mentor: Kareem Moussa, MD ([kamoussa@ucdavis.edu](mailto:kamoussa@ucdavis.edu))

Xipere: real world outcomes and angiographic response

Mentor: Kareem Moussa, MD ([kamoussa@ucdavis.edu](mailto:kamoussa@ucdavis.edu))

Discovering Novel Ophthalmic Disease Genes Using Mouse and Human Data

Mentor: Ala Moshiri, MD PhD ([amoshiri@ucdavis.edu](mailto:amoshiri@ucdavis.edu))

Disparities in eye care utilization among diabetic patients

Mentor: Parisa Emami-Naeini MD MPH([pemamin@ucdavis.edu](mailto:pemamin@ucdavis.edu))

Non-invasive and quantitative assessment of uveitis disease activity

Mentor: Parisa Emami-Naeini, MD MPH ([pemamin@ucdavis.edu](mailto:pemamin@ucdavis.edu))

Assessment of Ophthalmology Pre-Clerkship Curriculum in U.S. Medical Schools

Mentor: Jeffrey Ma, MD ([jhbma@ucdavis.edu](mailto:jhbma@ucdavis.edu))