



# Comparative Ophthalmology Research Fellowship

[The Comparative Ophthalmology Service, School of Veterinary Medicine, University of California-Davis](#) expects to offer a 1-year, paid, Comparative Ophthalmology Research Fellowship beginning approximately July 1<sup>st</sup>, 2019. The successful applicant will become a key member of our team which includes 7 ACVO Diplomates, 1 Emeritus DACVO, [4 ABVO-approved residents](#) (each in a 4-year program), [1 Ophthalmology intern](#) and 2 full-time registered veterinary technicians. This is a purely research position with no clinical commitment. The research fellow will be based in Dr. Maggs' laboratory but will also have access to the resources of our [multidisciplinary, NIH-funded vision science laboratory](#) with its large staff.

*To maximize cross-fertilization among programs and to ensure that the fellow is exposed to a diversity of ophthalmic opinion and mentorship, the successful candidate will be encouraged to apply to internship and residency training programs other than UCD's in the year immediately following their fellowship.*

## A. Program Description & Goals

This is a purely research position with no clinical commitment; however attendance at regular didactic activities of the UCD Ophthalmology House Officers will be possible. The goals of the research fellowship are:

- To establish a solid grounding in grantsmanship, writing and managing IACUC protocols, managing grant budgets, managing student assistants, etc
- To learn, gain experience with, and become proficient at numerous laboratory techniques in common use in virologic studies. These would include but not be limited to PCR, viral culture, RT-PCR, quantitative PCR, plaque assays, cell culture, amino acid analyses, etc.
- To gain experience in the conduct of clinical trials in cats. This would include regular clinical examinations, microbial swabbing, body weight analyses, blood draws, etc.
- To gain experience in the collection, management, and analysis (statistical and otherwise) of data generated during research studies
- To write (as the first author), manage the response to reviewers, and have published in a peer-reviewed journal a manuscript describing a least one completed study.
- To gain an increased understanding of the ophthalmic literature through personal review as well as regular attendance at the weekly ophthalmology residency rounds including journal club, M&M rounds, and book club.

- To be introduced to and gain some proficiency at interpretation of digital images through attendance at ophthalmology resident slide rounds
- To be introduced to and gain proficiency at interpretation of ocular histopathology through attendance at bi-monthly ophthalmology resident pathology rounds
- To be introduced to and gain proficiency at interpretation of scientific literature, research principles and ethics, laboratory management, and grant preparation and review through regular attendance at lab meetings.
- To gain further insight into didactic and laboratory teaching of DVM-level ophthalmology through attendance at all DVM ophthalmology lectures and discussions, as well as participation as an instructor in the teaching labs on large animal and small animal ophthalmic examination and surgical techniques which are offered during the freshman and junior years of the DVM curriculum at UCD.

## **B. Licensure**

Veterinary licensure within the state of CA is not required for this position

## **C. Information for foreign applicants**

[Foreign applicants will be considered for this position provided that certain conditions are met.](#)

## **D. Application procedure**

1. Interested individuals should submit the items listed below so that they ARRIVE at the University of California-Davis no later than 5 pm PST on Friday November 2<sup>nd</sup>, 2018.
2. Early applications preferred; late applications will **not** be reviewed.
3. All materials **including transcripts** must be submitted electronically.

### **Please submit the following:**

- [The UCD joint Ophthalmology Residency/Internship/Research Fellowship application form.](#) This form should be completed for the [Residency](#), [Internship](#), and Research Fellowship positions. It is possible to apply for any one, two, or for all three programs with just one application. Provided that the appropriate boxes are checked, a single application (including just one set of letters of reference, transcripts, letter of intent, etc.) will be reviewed for all programs to which the applicant applies.
- A personal statement highlighting your career goals, personal background, and specific reasons for applying for the Research Fellowship.
- A curriculum vitae.
- Three to five letters of recommendation from university faculty members or veterinary/medical practitioners. These letters should be **emailed directly by the**

- letter writer to faculty members of the UCD Veterinary Ophthalmology Service care of [crvermilion@ucdavis.edu](mailto:crvermilion@ucdavis.edu)**. These letters should not be included in the packet you submit. Letters should address (among other things) your aptitude and performance in intellectual and creative pursuits pertinent to clinical skills, ability to apply knowledge in a clinical situation, knowledge of veterinary medicine, scientific research, and ability to communicate and work with others in a team.
- Scanned pdf copies of veterinary school transcripts - including grade point average and class rank. An official English translation of these must be included if they are not in English. Note that these should be **sent as pdf documents (scanned if necessary)** and form part of the electronic application. Copies of transcripts scanned by the applicant are permitted; however those candidates selected for an interview should expect to provide an original copy from the issuing institution.
  - Application materials, letters of reference, and scanned transcripts should be sent **electronically** to: [crvermilion@ucdavis.edu](mailto:crvermilion@ucdavis.edu) (Please write "Ophthalmology Internship/Residency/Fellowship" in the subject line).

[UCD joint Ophthalmology Residency/Internship/Research Fellowship application form.](#)

#### **E. Timeline**

- **Friday November 2, 2018 (5 pm PST):** Final deadline for electronic receipt of all application materials. Earlier applications preferred; late applications will **not** be reviewed.
- An offer will be made to the successful candidate after all ophthalmology internships and residency positions are filled.

#### **F. Visits**

- While we do permit short (1-2 day) clinic visits at no charge for resident candidates throughout most of the year, such visits are not possible between the ACVO meeting and the date of the ORCA announcement (This year Monday Oct 1, 2018 – Monday January 14, 2019).

If after critical review of information on this webpage you have questions regarding the position please direct these to David Maggs, BVSc, DACVO at [djmaggs@ucdavis.edu](mailto:djmaggs@ucdavis.edu).

*The University of California, Davis, and the Veterinary Medical Teaching Hospital 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.*