

**Position Available:** Postdoctoral Fellow, virology

**Location:** University of California, Davis, School of Veterinary Medicine, laboratory of Dr. Lark Coffey

**Responsibilities:** The Fellow will work on projects involving mosquito-borne chikungunya virus and SARS-CoV-2. Chikungunya virus studies will involve developing and implementing an assay to define the viral mutation rate. The SARS-CoV-2 projects will involve [testing viral variants in humanized mouse models](#) in collaboration with the [UC Davis Mouse Biology Program](#) as well as studies to evaluate candidate COVID-19 vaccines and therapeutics in mouse and hamster models. The Fellow will also be encouraged to develop related independent projects. The position includes work in biosafety level (BSL)-2 and BSL-3 laboratories. The Fellow should be comfortable working in team environment. The successful Fellow will conduct experiments, analyze data, and prepare manuscripts. The Fellow should be able to perform independent research with minimal supervision. Most of the Fellow's effort will be in person given the necessity of virus work in contained settings. Computer-based work can be conducted off campus, if desired, although an office or desk in the laboratory will be provided.

**Qualifications:** Candidate Fellows must have a Ph.D. or equivalent and should have experience with molecular virology including cloning and qRT-PCR as well as infectious small animal work. Prior animal biosafety level 3 (ABSL-3) experience is preferred. Excellent verbal and written communication skills are required.

**Environment:** The Fellow will have opportunities to synergize with other research groups in the Schools of Veterinary Medicine and Medicine at UC Davis, the California National Primate Research Center, and other collaborating institutions. This includes teams with expertise in arbovirology, respiratory virus biology, therapeutic development and testing, host-pathogen interactions, and disease pathogenesis. UC Davis is ranked 10<sup>th</sup> nationally among public universities in research funding and [4<sup>th</sup> in college rankings](#). UC Davis and our laboratory are committed to supporting a diverse community of scholars with an emphasis on recruiting scholars who will make contributions to diversity through advancement of underrepresented minority populations in science. We aim to foster an environment that is founded on inclusion, transparency, and respect among all team members. More information about our laboratory team can be found [here](#). The city of Davis has a population of 68,000 and The University's student population is approximately 32,000. The campus lies adjacent to the city of Davis, 14 miles west of Sacramento, 72 miles northeast of San Francisco, and 110 miles southwest of Lake Tahoe and the Sierra mountains. The San Francisco Bay Area is home to multiple research and academic institutions providing additional collaborative opportunities.

**Start date and salary:** This position expected to begin as soon as possible but not after January 2022. Compensation will be commensurate with experience according to the University of California [pay scale](#). The initial appointment will be for 1 year with potential for renewal.

**Application Process:** Interested candidates are encouraged to send an application that includes the following: 1) a letter stating qualifications, career goals and specific interests or research questions that could enhance the team, 2) curriculum vitae, 3) writing sample (published paper or grant), and 4) contact information for at least three references, to [lcoffey@ucdavis.edu](mailto:lcoffey@ucdavis.edu).