

CARDIOVASCULAR MEDICINE

Postdoctoral Researcher Position Available

The Department of Internal Medicine at the University of California, Davis invites applications for a qualified postdoctoral researcher. The candidate will have the opportunity to work in interdisciplinary studies focusing on mechanisms in cardiovascular diseases in a dynamic and collaborative group of investigators within the newly established UC Davis Cardiovascular Research Institute (<https://health.ucdavis.edu/cvri/>). Successful candidates will actively participate in basic and translational research studies in the mechanisms of cardiac ischemia/reperfusion injuries and arrhythmias.

General responsibilities include:

Developing and working on research projects under the direction of the principal investigator. The main responsibility of the postdoctoral researcher in the lab will include working in a project to test the molecular mechanism of cardiac pH regulation and chloride hemostasis using *in vivo* functional analyses and *in vitro* assessment. The applicant will also assist in the development and analyses of *in vitro* and *in vivo* models of cardiovascular diseases using gene-targeted mouse models.

A postdoctoral researcher is required to be actively and significantly involved in publishable research activities, including reviewing journal articles, performing experiments, presenting data, engaging in seminar discussions, writing manuscripts for publication and developing postdoctoral research proposals, and interpreting research results, as well as participating in appropriate professional/technical societies or groups and other educational and research organizations. The ideal candidate will have strong interpersonal, communication, and decision-making skills, as well as the ability to work independently and as part of a team.

Basic Qualifications:

PhD degree in biology, medicine or in a related field with a minimum of three-year experience in laboratory research.

Preferred Qualifications:

Patch-clamp recordings, ion channels/transporters biophysics, live-cell imaging, super-resolution microscopy, *in vitro* and *in vivo* studies in physiology and cardiovascular diseases. Excellent communication, social and organizational skills and the ability to work in teams effectively are required.

Please submit cover letter, CV, summary of research experience, academic trajectory and names of contact for 3 references to Chandra Reid by e-mail, creid@ucdavis.edu.