

Assistant/Associate Specialist in Volcanology and Tectonics, 80-100% time (dependent on funding)
University of California, Davis

Professor Emeritus Cathy Busby with the Department of Earth and Planetary Sciences at the University of California, Davis, seeks to fill an Associate Specialist in Volcanology and Tectonics position starting as soon as May 1, 2021. This is an 80-100% position, dependent on funding. There may be a possibility for extension. The project is as follows:

Miocene to Recent volcanic and tectonic evolution of the central Sierra Nevada and adjacent Walker Lane.

Requires experience in making detailed facies maps of volcanic rocks, which are commonly laterally discontinuous and/or altered, as well as the intrusions and faults that cut them, to determine displacement histories on faults as well as structural controls on volcanic centers. Proficiency with ArcGIS and interpretation of satellite and air photo images required. This research requires experience in supporting lab work, including petrography, whole-rock major- and trace-element geochemistry, mineral chemistry, and $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. Applicants must have a publication record on volcanic rocks, in international per-reviewed journals. Assistant/Associate Specialist must move to UC Davis in time to begin field work in June 2021. Contact Cathy Busby: cjbusby@ucdavis.edu

<https://recruit.ucdavis.edu/JPF04053>