Adjunct Assistant Professor Position in the Electron Microprobe Laboratory

The Department of Earth and Planetary Sciences at the University of California, Davis, is recruiting an adjunct assistant professor to manage operations and development of the Cameca SX 100 Electron Microprobe facility. The successful candidate will also be expected to develop an independent research program, improve upon existing analytical capabilities and methods, supervise and work with the EMP technician/operator, increase the visibility of the laboratory both on- and off-campus, and teach one quarter-length (10 week) class per year on analytical techniques or topics related to research area.

Managing the probe lab, improving analytical capabilities and teaching is a 75% time, benefits-eligible, non-tenure track position, with the expectation of raising research funds and the remaining 25% salary, through grants. The initial appointment is for a two-year period, renewable on an biennial basis contingent upon satisfactory performance and availability of resources. Appointment level is dependent on experience. Title includes PI status and potential to join the EPS Graduate group (i.e. serve as the primary advisor of graduate students).

Minimum Requirements:
1. Ph.D. in Physical Sciences;
2. Expertise in electron microprobe analysis and mineral chemistry;
3. Excellent written and oral communication skills; demonstrated ability to work with diverse group of researchers.

Preferred: Experience in earth and/or planetary materials analysis.
Experience in teaching small classes or labs.

Applications should be submitted online via the job listing JPF00791 at https://recruit.ucdavis.edu/apply/JPF00791. Applications will be accepted January 4th, 2016 through January 31st, 2016. Inquiries may be addressed to the Search Committee Chair at microprobe-search@ucdavis.edu.

Description of our current lab and department:
The UC Davis Electron microprobe lab (http://microprobe.geology.ucdavis.edu/) houses a 5 WD-spectrometer Cameca SX-100 with EDS and Peaksight software. The primary user base is UC Davis researchers in Earth Sciences, Material Sciences, Chemical Engineering, and Chemistry. Off-campus users include researchers and students from other universities, national laboratories, private research institutes, and occasional consulting companies. Most of the day-to-day users are trained by, or work with, an existing 75% time laboratory staff person.

UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants including women, minorities, individuals with disabilities, and veterans. UC Davis recognizes the necessity of supporting faculty with efforts to integrate work, family and other work-life considerations. The campus sponsors a Work Life Program that supports faculty as they strive to honor their commitments to work, home and community. For more information see http://academicaffairs.ucdavis.edu/programs/work-life.

1/5/2016