

## **Tenure-track or Tenured Position in Geochronology, Petrology and Geodynamics**

The Department of Geological and Environmental Sciences seeks an outstanding scientist to lead a vibrant research program in the broad areas of geochronology, petrology and geodynamics in order to address large-scale petrologic and tectonic processes in the Earth's crust and mantle. Our preference is to make an appointment at the junior or mid-career level, but applications from scientists at all career levels will be considered. The successful applicant will build on newly established and long-standing strengths in geochronology, tectonics, and isotope geochemistry within the Department, interface with solid-earth processes, crustal evolution, seismology and other areas in the School of Earth Sciences, and teach at the undergraduate and graduate level. We especially welcome applications from scientists who integrate geochemical/petrological and/or physical/computational approaches to problem solving.

The Stanford School of Earth Sciences now houses a full range of isotope geochemistry/geochronology/thermochronology facilities. These feature the Stanford-USGS SHRIMP-RG ion microprobe and associated TIMS laboratory; a new multi-collector ICP-MS and high-resolution ICP-MS facility supported by newly commissioned clean labs; new  $^{40}\text{Ar}/^{39}\text{Ar}$  and (U-Th)/He, and fission-track thermochronology laboratories containing multi-collector and single-collector mass spectrometers and state-of-the-art extraction lines; and cosmogenic radionuclide laboratories. In addition, an electron microprobe, a scanning electron microscope with EDAX and cathodoluminescence imaging, and sample preparation and mineral separation laboratories are available. Related facilities include stable isotope laboratories, ICP-AES and GC-MS capabilities, high-pressure experimental capabilities including a diamond-anvil cell laboratory, and the recently established Center for Computational Earth and Environmental Science.

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as from others who would bring additional dimensions to the University's research and teaching missions.

Please apply online in electronic format (.pdf only) with the following application material: cover letter, curriculum vitae, a statement outlining research and teaching experience and interests, and the names and addresses (including e-mail addresses) of three potential referees, at <http://pangea.stanford.edu/jobs/>. Select the Geochronology, Petrology and Geodynamics faculty position. Questions can be directed to Elizabeth Miller ([elmiller@stanford.edu](mailto:elmiller@stanford.edu)).

We will begin reviewing applications September 30, 2008. Deadline for receipt of applications is November 30, 2008.

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Wendy Mao  
Assistant Professor  
Geological & Environmental Sciences  
and Photon Science Department, SLAC  
Stanford University  
Green Building, Room 251  
office: (650) 723-3718  
cell: (202) 320-2025

mail:  
Wendy Mao  
Department of Geological & Environmental Sciences  
450 Serra Mall  
Braun Hall, Building #320  
Stanford University  
Stanford, CA 94305