

George and Orpha Gibson Professorship in Hydrogeology and Geofluids

The University of Minnesota Department of Geology and Geophysics invites applications for a faculty position in hydrogeology-geofluids studies. We are looking to make the appointment at the Assistant Professor level. For exceptionally qualified candidates, appointment at the Associate Professor level may be considered. Salary will be commensurate with rank and experience. This tenure-track position will carry the title "George and Orpha Gibson Professor". The Professorship will be accompanied by resources from the Gibson Endowment for a 6 year term

The candidate's interest in the broad aspects of hydrogeology and geofluids should serve as background for more specialized research and scholarly activities. Examples of areas of interest include quantitative and computational hydrogeology, scale-dependent heterogeneous flow, continental and oceanic geofluids, basin-scale fluid flow, interactions between crustal fluids and tectonics, hydrothermal systems, surface hydrology, subsurface fluid mechanics, isotope hydrology and hydrogeochemistry, atmosphere-surface water-groundwater interactions, interaction between hydrogeology and geobiology, and the impact of climate change on geofluids systems.

The appointee is expected to develop a vigorous research program, attract external funding, and contribute to the instructional and research efforts of the Newton Horace Winchell School of Earth Sciences. The School includes the Department of Geology and Geophysics, the Limnological Research Center (LRC), the NSF funded National Center for Earth-surface Dynamics (NCED), the Institute for Rock Magnetism, and the Minnesota Geological Survey. The potential of this position is enhanced by access to the facilities of the Minnesota Supercomputer Institute (MSI) and the Digital Technology Center (DTC), the interdisciplinary program in environmental and geophysical fluid dynamics at the St. Anthony Falls Laboratory, and the interdisciplinary Water Resources graduate program.

The ideal candidate for this position would have two to three years of experience beyond the Ph. D. degree. The review of completed applications will begin on **December 16, 2002**. Application requirements are: 1) curriculum vitae, 2) complete list of publications, 3) statement of research interests, 4) statement of teaching interests, and 5) names of at least 4 referees. Send application to Olaf Pfannkuch, Gibson Search Committee Chair, Department of Geology and Geophysics, University of Minnesota, 310 Pillsbury Drive S.E., Minneapolis, MN 55455 USA. For further information, phone (612) 624-1333 or FAX (612) 625-3819. email: h2olafpf@umn.edu; Web Site: <http://www.geo.umn.edu>