

**Neutron Scattering for Materials Research  
Tenure-Track Faculty Position  
University of Missouri-Columbia**

The Department of Physics and Astronomy at the University of Missouri-Columbia (MU), in collaboration with the Missouri University Research Reactor (MURR), seeks an outstanding candidate for a tenure-track faculty position in the general area of experimental materials research using neutron and x-ray scattering starting September 1, 2002. Two other faculty positions in this area are planned within the next two years as part of a program to expand neutron scattering research at MURR. We anticipate hiring at the level of assistant professor, but exceptionally qualified candidates will be considered for a higher rank. A Ph.D. and postdoctoral experience are required. The successful candidate is expected to establish an externally funded research program that utilizes on-campus facilities at MURR as well as national and international laboratory facilities. The candidate is also expected to teach effectively and creatively at both the undergraduate and graduate levels. The department's experimental programs in materials research/condensed matter physics include: magnetism, superconductivity, surfaces/film growth, soft matter, optical sciences and biological physics. The department is currently expanding its biological physics program as part of a campus initiative in the life sciences. MURR is a 10 MW research reactor located on the MU campus that is the highest neutron-flux university reactor in the U. S. It has a suite of neutron scattering instruments that include double- and triple-axis spectrometers, a spin-polarized neutron reflectometer, a high-resolution powder diffractometer, and a residual stress diffractometer. The Department is an active member of the MUCAT collaboration at the Advanced Photon Source and there is an x-ray laboratory with two rotating anode generators located in the department. More information about our department and MURR is available at <http://www.missouri.edu/~physwww/physics.html>. Candidates should submit a curriculum vitae, statement of research plans, description of teaching interests and experience, and arrange for three letters of recommendation to reach the *Neutron Scattering Search Committee, Department of Physics and Astronomy, University of Missouri, Columbia, MO 65211. Tel: (573) 882-3335; Fax: (573) 882-4195; e-mail: Sherry@missouri.edu*. Applications should be received by March 15, 2002, to ensure full consideration. The University of Missouri is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply. To request ADA accommodations, please contact our ADA Coordinator at (573) 884-7278, [V/TTY@missouri.edu](mailto:V/TTY@missouri.edu).