Applications are invited to fill a number of postdoctoral openings in condensed matter theory for the coming academic year, starting August 2007.

Our research interests cover all major areas of condensed matter physics, including: high temperature superconductivity, disordered systems, macroscopic quantum effects, mesoscopic physics, topology in condensed matter systems and field theory, fractional quantum Hall effect, strongly correlated systems, critical phenomena in low dimensional physics, pattern formation, collective effects in biological systems, geobiology, applications of the renormalization group to non-equilibrium phenomena, statistical mechanics of polymers and liquid crystals, superfluidity and Bose-Einstein condensation, ultracold atoms in optical lattices, critical dynamics of superconductors, astrophysical applications, computer simulation of quantum systems, electronic structure and quantum information including solid-state implementations of quantum computing.

This list is not exhaustive: we wish to encourage applications from strong and creative individuals, regardless of specialty.

We interact with other theorists in the Department, with the superb and large experimental group in the Department of Physics and in the Materials Research Laboratory, and we have access to unparalleled facilities for computation through the National Center for Supercomputing Applications. We also interact with biologists elsewhere on campus through the University's Institute for Genomic Biology.

Interested applicants should write to one of the faculty members listed below, enclosing vita, publication list, and summary of ongoing and future research and reprints of recent publications. In the case of preprints, if they are posted on the Los Alamos Archive, we prefer that they be referenced rather than enclosed. Additionally, each applicant should arrange for three letters of recommendation to be sent; we should receive these and the application no later than December 15, 2006. Applications received after this date cannot be guaranteed consideration. Except for those whose names are asterisked below, we prefer applications to be sent by regular mail; in no case will applications in electronic form other than pdf or ps be considered. We always consider applications collectively, so please do not send multiple applications**.

The University of Illinois is an equal opportunity/affirmative action employer, and we welcome applications from minority and women candidates.


Address for mail applications:
Theoretical Condensed Matter Search
Department of Physics
University of Illinois at Urbana-Champaign
1110 West Green Street
Urbana, IL 61801-3080 USA

*Electronic submission preferred. The application should be a single pdf file, and the heading should contain the string "Postdoc application."

**i.e. applications to more than one member of the group listed above. If you wish to apply also to UIUC faculty not included in the list, you should of course feel free to do so independently, but we would appreciate it if you would then inform us.