Dear Colleague,

We have postdoc and faculty positions available at the University of California, Irvine. Please bring these announcements (below) of postdoc positions in theoretical and experimental biological physics, as well as in theoretical condensed matter physics, to the attention of potential applicants. Also below are ads for faculty positions in theoretical and experimental condensed matter physics as well as for a faculty position in Systems Biology. The Systems Biology faculty position is associated with a variety of departments including the Department of Physics and Astronomy.

Best Regards,

Clare Yu

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THEORETICAL CONDENSED MATTER PHYSICS
POSTDOCTORAL POSITION

The University of California, Irvine anticipates the availability of a postdoctoral position in condensed matter physics beginning Fall 2009. The successful candidate will use noise as a microscopic probe of disordered glassy systems as well as study phase transitions in 2D electron systems. The successful applicant will have a strong background in statistical physics and condensed matter physics as well as good computer skills. Experience with Monte Carlo simulations and C++ is useful. The minimum qualification is a Ph.D in physics. Applications (including a cv, list of publications, and three reference letters) should be sent to Prof. Clare Yu, Department of Physics and Astronomy, University of California, Irvine, CA 92697-4575. For full consideration, applications should be submitted by January 31, 2009. UCI is an equal opportunity employer committed to excellence through diversity. ------------------

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CONDENSED MATTER THEORY FACULTY POSITION
UNIVERSITY OF CALIFORNIA, IRVINE

The Department of Physics and Astronomy at the University of California, Irvine invites applications for a tenure-track position in condensed matter theory. All areas of condensed matter theory will be considered with particular emphasis on strongly correlated systems. This includes the fields of high temperature superconductivity, frustrated magnetic systems, spin and charge quantum Hall effects, low dimensional systems, and heavy fermion systems, among others. The appointment is at the rank of assistant professor. The successful candidate will have a Ph.D degree, or the equivalent, and is expected to establish a dynamic research program and participate effectively in teaching at the undergraduate and graduate levels.

Applicants should submit a letter of application, curriculum vitae, list of publications, a minimum of three letters of reference, and statements of research and teaching interests using the
on-line recruitment system at:

https://recruit.ap.uci.edu/apply/

For full consideration, candidates should apply by December 15, 2008. Review of applications will begin immediately upon receipt of a completed application. For further information, please visit http://www.physics.uci.edu or contact the search committee chair, Clare Yu at cyu[at]uci.edu.

The University of California, Irvine has an active career partner program, is an equal opportunity employer committed to excellence through diversity, and has an NSF Advance program for gender equity.

THEORETICAL BIOLOGICAL PHYSICS
POSTDOCTORAL POSITION
The University of California, Irvine anticipates the availability of 1 or 2 postdoctoral positions in theoretical biological physics beginning as early as 2009. The successful candidate will model intracellular transport, e.g., motor proteins carrying cargos along filaments. The successful applicant will have a strong theoretical physics background and computer skills, as well as an interest in understanding biology. Further, they must work well with others, as significant collaboration with experimentalists will be necessary. Experience with Monte Carlo simulations and C++ is useful. The minimum qualification is a Ph.D in physics or a closely related field. Applications (including a cv, list of publications, and three reference letters) should be sent to Prof. Clare Yu, Department of Physics and Astronomy, University of California, Irvine, CA 92697-4575. For full consideration, applications should be submitted by January 5, 2009. UCI is an equal opportunity employer committed to excellence through diversity.

EXPERIMENTAL BIOPHYSICS
POSTDOCTORAL POSITION
The University of California, Irvine anticipates the availability of a postdoctoral position in experimental biophysics beginning as early as 2009. The successful candidate will do in vitro (and in vivo) experiments on molecular motors, looking at a variety of issues related to how multiple motors function together. While a strong background in biology is not required, the successful applicant will be expected to have an interest in understanding biology, and will need to learn a great deal of biology to be successful. Experimentally, some knowledge of optics, electronics, and computer control of instrumentation is important, since the project involves optical traps and advanced instrumentation. Because the project will be multi-disciplinary, a desire to learn new approaches is critical. The applicant will be expected to work well as part of a group, and
collaborate with theorists. The minimum qualification is a Ph.D in physics, biomedical engineering, chemistry, or a closely related field. Applications (including a cv, list of publications, and three reference letters) should be sent to Prof. Steven Gross, Department of Dev. and Cell Biology, University of California, Irvine, CA 92697. For full consideration, applications should be submitted by January 5, 2009. UCI is an equal opportunity employer committed to excellence through diversity.

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CONDENSED MATTER EXPERIMENTAL FACULTY POSITION
UNIVERSITY OF CALIFORNIA, IRVINE

The Department of Physics and Astronomy at the University of California, Irvine invites applications for a tenure-track position in condensed matter experimental physics. Candidates working on the discovery and characterization of strongly correlated materials are particularly encouraged to apply. Exceptional candidates in other areas of condensed matter experimental physics are also encouraged to apply. The appointment is at the rank of assistant professor, although exceptional candidates at more senior levels will be considered. The successful candidate will have a Ph.D. degree, or the equivalent, and is expected to establish a dynamic research program and participate effectively in teaching at the undergraduate and graduate levels.

Applicants should submit a letter of application, curriculum vitae, list of publications, a minimum of three letters of reference, and statements of research and teaching interests using the on-line recruitment system at:

https://recruit.ap.uci.edu/apply/

For full consideration, candidates should apply by January 15, 2009. Review of applications will begin immediately upon receipt of a completed application. For further information, please visit http://www.physics.uci.edu or contact the search committee chair, Zachary Fisk, at zfisk[at]uci.edu.

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University of California, Irvine
TENURED AND TENURE-TRACK FACULTY POSITIONS IN SYSTEMS BIOLOGY

The University of California, Irvine has embarked on a recruiting initiative in Systems Biology intended to fill seven faculty positions over three years. One position is available this year, for which candidates will be considered from all areas of Systems Biology, including biological networks,
regulatory dynamics and control, spatial dynamics and morphogenesis, synthetic biology, and mathematical and computational biology. Applications are being solicited at the Assistant, Associate and Full Professor level, and appointment can be made in any of several departments, including Developmental and Cell Biology, Molecular Biology and Biochemistry, Ecology and Evolutionary Biology, Biomedical Engineering, Mathematics, Physics and Astronomy, Computer Science, and Statistics.

The successful applicant is expected to conduct a strong research program and to contribute to the teaching of undergraduate and graduate students. Systems Biology research and training at UCI is fostered by several interdisciplinary research units, an NIGMS National Center for Systems Biology, and Ph.D. training programs in Bioinformatics, and Mathematical and Computational Biology (for more information, see <http://ccbs.bio.uci.edu/> http://ccbs.bio.uci.edu). Applicants should submit a letter of application, curriculum vitae, bibliography, three letters of reference, and statements of research and teaching interests using the on-line recruitment system (see instructions at <http://ccbs.bio.uci.edu/> http://ccbs.bio.uci.edu or <https://recruit.ap.uci.edu/> https://recruit.ap.uci.edu). To receive full consideration, material should be received by December 10, 2008.

The University of California, Irvine is an equal opportunity employer committed to excellence through diversity, and strongly encourages applications from all qualified applicants, including women and minorities. UCI is responsive to the needs of dual career couples, is dedicated to work-life balance through an array of family-friendly policies, and is the recipient of an NSF ADVANCE Award for gender equity.