



Postdoctoral Scholar Position in Complexity and Medical Errors

Accepting Applications for Fall 2009 Appointment

The Center for Cognitive Informatics and Decision Making (CCIDM) in the School of Health Information Sciences at University of Texas Health Science Center at Houston is considering applications for postdoctoral positions in the area of complexity and medical errors. CCIDM is a newly formed interdisciplinary research Center that will have membership of faculty from a wide variety of departments, schools, and programs in the health and biomedical sciences and cognitive and social sciences.

Two candidates are sought with a research focus on the modeling of dynamical processes and social network structure in human or engineered systems, as well as research related to the characterization of the cognitive mechanisms that underlie errors related to critical care environments with the aim of generating cognitive models of error that address the complexity of work environments. This research is part of a five-year multi-center project that draws together national and international researchers with expertise in distributed cognition, naturalistic decision-making, biomedical informatics, computer science, and the study of complex systems. This research is supported by James S. McDonnell Foundation to Professor Vimla L. Patel.

Qualifications:

The positions are open to candidates who have earned their PhD in cognitive science, biomedical informatics, computer science, or a closely related discipline, and who have expertise in at least any two of these areas: naturalistic decision making, distributed cognition, complex systems, information visualization, and modeling and simulation of social networking.

The ideal candidates will also have good writing skills, a demonstrated ability to conduct independent high impact research and to participate in interdisciplinary collaborations with affiliated members of the collaborating sites. The appointment will be for two years, starting in Fall 2009 or Spring and Summer 2010.

Salary: Competitive, based on qualifications and experience.

Application Information:

Qualified candidates should provide 1) statement of interest and description of past research experience; 2) CV; 3) transcript from the candidate's institution granting their terminal degree(s); 4) names and contact information from 3 references who are familiar with the candidate's experiences in research.

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THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON: UTHSC-H is situated in the Texas Medical Center, the world's largest collection of institutions devoted to health care delivery and research. UTHSC-H is a highly interactive and stimulating environment for innovative research.

The University of Texas Health Science Center at Houston is an EO/AA employer. M/F/D/V. This is a security sensitive position and thereby subject to Texas Education Code 51.215. A background check will be required for the final candidate.