

Postdoctoral Fellowship in Dynamic Statistical Modeling and Computing for High-Dimensional Data at the University of Connecticut

The Department of Statistics at the University of Connecticut, Storrs is seeking a postdoctoral scholar to develop and implement innovative statistical methodology and computing to enhance high-dimensional spatial and temporal data modeling. The candidate will work with Professors Ming-Hui Chen and Nalini Ravishanker, and also interact with other researchers in the Department of Statistics, on research leading to publications in top statistical and domain science journals as well as dissemination at statistics conferences. The candidate's research will mainly focus on development of broadly applicable methodologies in three related areas: (1) hierarchical dynamic statistical modeling and prediction, (2) dimension reduction and pattern detection, and (3) approaches for irregular or missing data. The methodology and computing will be applied to high-dimensional and high-frequency data in areas such as biology, climate, or finance.

Minimum Qualifications: Applicants must have received, or expect to complete, a Ph.D. in Statistics or Biostatistics within the last 5 years. The ideal candidate must have demonstrated research ability and experience in Bayesian hierarchical spatio-temporal methodology, as well as strong computational skills for high-dimensional data analysis.

Preferred Qualifications: Prior experience with dimension reduction and analysis of large datasets, commitment to collaborative research, excellent verbal and written communication skills, and a strong publishing record from previous Ph.D. or post-doctoral work.

Appointment Terms: The appointment will consist of a one-year contract with expectation of renewal for a second year. The position will remain open until filled and can start any time after August 22, 2016. The position offers a competitive salary with generous health benefits.

To Apply: Please upload a single PDF document through HuskyHire (jobs.uconn.edu) that includes that includes: (1) a cover letter outlining research experience and interests, as well as citizenship/immigration status, (2) a detailed CV, and (3) names and contact information for three references (no letters attached please). Applications will be received until **October 31, 2016**, or until the position is filled.

All employees are subject to adherence to the State Code of Ethics which may be found at <http://www.ct.gov/ethics/site/default.asp>.

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity, and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.