The University at Buffalo (SUNY) seeks an Assistant Professor or Associate Professor in the broad area of uncertainty modeling, risk assessment, and reliability.

Example research areas of interest include, but are not limited to: stochastic modeling and analysis; stochastic mechanics; random vibrations; resilient system design; system reliability and health monitoring; uncertainty modeling and propagation; situation and risk assessment and management; fault-tolerant optimal design and control of complex and coupled systems; system optimization; modeling and simulation of large scale complex interacting systems; data-driven and real-time simulation; and chaos theory. The position is associated with UB2020 Strategic Strength in Extreme Events: Mitigation and response (www.mceer.buffalo.edu/ub2020), one of eight areas of scholarly activity identified for strategic investment at UB.

The successful candidate should hold a Ph.D. in the field of Engineering or a closely-related discipline, and is expected to start as early as fall 2010. The home department of the candidate will be determined by mutual agreement at the time of hiring, and could be Civil, Structural and Environmental Engineering, Industrial and Systems Engineering, or Mechanical and Aerospace Engineering. The ability and readiness to work in an interdisciplinary environment and to form partnerships across departments is highly desirable. Applicants should submit a curriculum vitae, an integrated teaching and research plan (not to exceed 5 pages), and names of at least three references via the UBJobs system, at www.ubjobs.buffalo.edu, referencing posting number 0900513. Applications will be reviewed continuously until the position is filled.

The University at Buffalo is an Equal Opportunity/Affirmative Action Employer/Recruiter