Postdoctoral Fellowship Opportunity in non-equilibrium statistical physics.

The Santa Fe Institute-a private, not-for-profit theoretical research and education facility-has an opening for a full-time postdoc in non-equilibrium statistical physics. Funded by NSF, the project focuses on the first-passage and non-equilibrium dynamics of many-body systems. Specific topics include, but are not limited to: stochastic failure problems, extinction dynamics of microbial populations, stochastic search processes and the random-walk modeling of foraging dynamics. The successful candidate will be supervised and work closely with Professor Sidney Redner.

The ideal candidate should have a background in non-equilibrium statistical physics, with strong analytical skills, a facility for programming, and flexibility to work in new areas. Subject to performance and available funding, the position will last up to two years. The expected start date is July 1, 2020.

Postdoctoral fellows are encouraged to interact and collaborate with members of the larger SFI community and to develop their own research projects. The annual salary for the position will be $60,000 with full employee benefits including health insurance, paid time off, and modest relocation support. Additional resources are available to assist with travel and other research needs.

To apply, please send an email containing your CV and a 1-page research statement to employ@santafe.edu with "non-eq postdoc" in the subject line. Please include names and contact information of two or preferably three references. Full consideration will be given to applications received by May 15th at the above address. You may also email questions to Prof. Redner at redner@santafe.edu, with questions. No telephone calls please.

U.S. citizenship is not a requirement, but you should be eligible for J-1 visa sponsorship or a U.S. permanent resident.

The Santa Fe Institute is an equal opportunity employer. Women and members of underrepresented groups are especially encouraged to apply.