GEORGETOWN UNIVERSITY

POSTDOCTORAL RESEARCH ASSOCIATE

Department of Biology, Georgetown University, Washington DC, USA

Applications are invited for a postdoctoral position in network modeling of ants and other wildlife

Applications are invited for a postdoctoral research associate position at the interface of behavior and disease. This position will be funded by the U.S. National Science Foundation (NSF) and will be based in the group of Shweta Bansal (http://bansallab.com) at Georgetown University, in close collaboration with the group of David Hughes (http://www.hugheslab.com/) at the Center for Infectious Disease Dynamics at Penn State University. Successful applicants will develop mathematical and statistical network models using (highly-resolved) contact network data to infer the interaction between behavioral processes and disease transmission. The ideal candidate has a PhD in statistics, applied mathematics, computer science, network science, ecology or another highly quantitative field. Previous experience in statistical and dynamical modeling of networks and/or disease ecology is preferred, but not necessary. Candidates should demonstrate a track record of publication; have strong organizational, written, and oral communication skills; and be able to work both independently and as part of a collaborative team.

Georgetown University is a vibrant scientific community and the successful applicant will be afforded many opportunities for professional development. Washington D.C. offers a rich cultural and intellectual life, in the heart of the U.S. domestic and international policy scene. Georgetown University is an Equal Opportunity Employer.

Applicants should send a cover letter, a detailed CV, a brief statement of research interests, and names and contact information for three references to Shweta Bansal (e-mail: shweta@sbansal.com). The cover letter should discuss possible starting dates. Review of applications will begin immediately and will continue until the post has been filled.