Postdoctoral Position in Quantitative/Statistical Ecology

A position is available in an NSF-funded ecoinformatics project focusing on developing novel statistical and informatics tools for analyzing animal relocation data and supporting the conservation of several wide-ranging species. The successful candidate will design statistical measures quantifying the degree of coordination in the simultaneous movements of several tracked animals, and will develop movement models that link such non-independence in individual movements to population-level dispersion patterns. Focal species include Mongolian gazelles, blacktip sharks, and whooping cranes.

The position requires demonstrated experience in analytical approaches and in designing custom statistical methods. A physics or mathematical statistics background is advantageous. There are also opportunities to work on related issues in theoretical ecology with project partners at the Smithsonian Conservation Biology Institute (J.M. Calabrese and P. Leimgruber), the University of Maryland (T. Mueller and W.F. Fagan), and the USGS-Patuxent Wildlife Research Center (A. Royle). The position is based at SCBI in Front Royal, VA, and is for one year with the possibility of a second year pending good performance. Benefits are included and pay will be commensurate with experience. The position is available immediately but can be delayed a bit for the right candidate.

For information about the research team see:

http://nationalzoo.si.edu/SCBI/Scientific_Staff/staff_scientists.cfm?id=302
http://nationalzoo.si.edu/SCBI/Scientific_Staff/staff_scientists.cfm?id=5
http://www.clfs.umd.edu/biology/faganlab/people/mueller.html
http://www.clfs.umd.edu/biology/faganlab/

For information about SCBI see:

http://nationalzoo.si.edu/SCBI/AboutUs/FrontRoyal/default.cfm

To view the funded NSF proposal see:

http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=1062411&WT.z_pims_id=5444
To apply for the position, please send a CV and the names and email addresses of three references to:

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