



Department of  
**Anthropology**

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University of Maryland

## **Postdoc in Complex Adaptive Systems and Sustainability**

### **Job Description and Qualifications**

The Department of Anthropology at the University of Maryland solicits applications for a Postdoctoral Research Associate for a 12-month term beginning in July 2014, with a possibility of extension contingent upon external funding. The research topic is improving understanding of the sustainability of human-environmental interactions, broadly construed, with a focus on integrating anthropological, archaeological and environmental data, and computational modeling. Candidates should have strong backgrounds in complex adaptive systems, critical transitions, resilience, and/or evolutionary life history, although other theoretical approaches will be considered. The successful candidate will be supervised by Dr. Sean Downey ([www.anth.umd.edu/facultyprofile/Downey/Sean](http://www.anth.umd.edu/facultyprofile/Downey/Sean)). In addition to conducting research on these topics, the successful candidate will prepare and submit major research proposals, so applications should demonstrate previous funding success and project ideas or proposals in development. The candidate must hold a Ph.D. in a related field and have a demonstrable record of research and publication. Candidates with excellent writing and technical skills (e.g., R, MatLab, Python, HPC) are strongly encouraged to apply.

### **To Apply**

Candidates should compile the following documents into a single PDF in the following order: (1) a letter of intent that details research interest and proposal ideas, (2) current curriculum vitae, (3) writing samples (publications and/or grant proposals), and (4) contact information for three professional references. Electronic submission only. Please address applications and questions to the search coordinator, Sarah Morrow ([semorrow@umd.edu](mailto:semorrow@umd.edu), 301.405.9734). Review of applications will begin immediately and interviews will begin on April 15, 2014. The position will remain open until filled. The University of Maryland is an equal opportunity affirmative action employer with a commitment to racial, cultural, and gender diversity. Women and minorities are encouraged to apply.

### **About the University of Maryland**

The University of Maryland, College Park is the flagship campus of the University System of Maryland. With an enrollment of over 30,000 students, it is the largest university in the state, and the largest in the Washington Metropolitan Area. The University is committed to achieving excellence as the State's primary center of research and graduate education. The campus benefits from the close proximity and networked connections with the broader Washington and Baltimore metropolitan communities.

The Department of Anthropology has three degree programs – B.A., M.A.A., and Ph.D. It is known for its strong theoretical orientation and it is nationally recognized for being an excellent applied program. Our faculty work with and make connections between local peoples, national governments, non-governmental organizations (NGOs), inter-governmental agencies, and academic institutions. We have a strong commitment to preserving and transmitting the knowledge of the past, as well as to illuminating and confronting the challenges of the present.