

Department of Mathematics

Spring 2016 Colloquium Series



***“The Little Things that Run the Savanna:
How ecological interactions create spatial patterning and
why it matters.***

**Dr. Daniel Doak,
University of Colorado at Boulder**

**Thursday, February 18, 2016
Behavioral and Social Sciences Building Room 166, 4 p.m.**

Many natural ecological communities show striking spatial patterning at large and small scales, but the importance of such patterns for ecological processes has received relatively little attention. Dr. Doak will discuss research conducted in central Kenya in which he seeks to understand how spatial patterning arises and when and why it exerts important influences on multiple aspects of this ecological system. As this research shows, the inconspicuous activities of termites in this system are a key driver of many aspects of savanna ecology.

Dr. Doak is Professor and Chair of Environmental Studies, Univ. of Colorado, Boulder. **Dr. Doak will also be tomorrow’s speaker for the Lamberson Ecology Lecture.**

For a complete abstract, go to <http://www.humboldt.edu/math/news-and-events/math-colloquium>

***We invite you to the Pre-colloquium Tea on the third floor of the BSS
building at 3:30 on Thursday.***