

# BI-CO MATHEMATICS COLLOQUIUM

Daniel Kaplan  
Macalester College

## *“Untangling Causation in Complex Systems”*

**Monday, November 2, 2009**

Talk at 4:15 – KINSC H109

Tea at 4:00 – KINSC Math Lounge, H208

**Abstract:** For many people, statistics is about simplifying systems so that some standard test (e.g., the t-test) can be applied. Over the last decade, new approaches to doing statistics have emerged that can respect the intrinsic complexity of systems. I will describe a recent approach based on decomposing the structure of networks of causal influences. You don't need to know much about conventional statistics to be able to follow the talk.

**HAVERFORD COLLEGE**