



CoCo Seminar Series Spring 2016

CoCo/EvoS Joint Seminar:

Termites as Models of Swarm Cognition

Dr. J. Scott Turner
Professor of Biology
**SUNY College of Environmental
Science and Forestry**

Monday February 1st, 2016
5:15-6:15pm
Academic Building A (AA) G008



The mounds of the fungus-cultivating termites of southern Africa are one of the planet's most spectacular animal-built structures. These mounds are extensions of the underground colony, capturing wind and solar energy to power the colony's respiratory gas exchange. How the termites "know" to build such a structure has been a persistent question for several decades. I will argue that the mound is an expression of a rich collective cognitive intelligence.

Dr. J. Scott Turner is a Professor of Biology at the SUNY College of Environmental Science and Forestry. His research interests include organism-environment interaction, physiology of social insects, and thermal energetics and thermoregulation of animals, among others.

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