

THINK^{ING} ABOUT MOVEMENT

The College of Arts and Sciences

10th Annual Colloquium

APRIL 2 & 3, 2014

MORRIS UNIVERSITY CENTER

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

COLLEGE OF ARTS & SCIENCES

2:00pm-2:30pm

Location: Hickory/Hackberry

Participant: Aldemaro Romero

Active Faunal Colonization of Cave: The Role of Natural Selection

24. For centuries the process of cave colonization has been hotly debated by biospeleologists. Most of the explanations given have been based on the premise that such a process must be accidental because the cave environment is considered so poor from a trophic viewpoint. Here I present evidence that supports the contention that cave colonization is an active process driven by natural selection. Examples from different taxa are provided to support such explanation.