

THINKING  
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.