



The College of Arts and Sciences

9th Annual Colloquium

APRIL 15-16, 2013

MORRIS UNIVERSITY CENTER

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Tuesday, April 16, 2013
1:00pm-1:30pm (1 Event)

1:00pm-1:30pm

Location: Oak/Redbud

Participant: Dean Romero

From Aristotle to Linnaeus: The Books that Transformed Whales into Mammals

27. The recognition of cetaceans (whales and dolphins) as mammals by the scientific community took a long time. It was not until the 10th edition of Linnaeus's *Systema Naturae* that they were recognized as a natural group and totally separate from fishes. This is puzzling given that for about 2,000 years before Linnaeus's work many naturalists had identified a number of characteristics of these animals that clearly placed them closer to land mammals (or "viviparous quadrupeds") than to fish. In this presentation I survey pre-Linnean literature with descriptions and classifications of cetaceans and explore several explanations for this case of intellectual inertia. Since Linnaeus was not an evolutionist we cannot support the idea that lack of evolutionary thinking prevented the understanding of the proper place of cetaceans in animal classification. I believe that a combination of environmental classification and scholasticism led to their misclassification for centuries. Linnaeus great contribution (although heavily influenced in this case by others) was to clearly differentiate between analogy and homology.

Tuesday, April 16, 2013
2:00pm-3:45pm (3 Events)

2:00pm-3:00pm

Location: Mississippi/Illinois

Chairs: Flo Maätita, Carolina Rocha

28. CAS Faculty – Authors to share experiences with writing and publication

Isaac Abeku Blankson "Winning and Dining with Publishers: The Nuances of Authoring your First Publication"

Erin Heil "Sex Slaves and Serfs: The dynamics of Human Trafficking in a Small Florida Town"

Robet Paulett "An Empire of Small Places: Mapping the Southeastern Anglo-Indian Trade, 1732-1795"

Georgiann Davis "The Dubious Diagnosis: How Intersex Became a Disorder of Sex Development"