

Department of Mathematics

Fall 2015 Colloquium Series



“Can Dolphins Communicate Abstract Ideas?”

**Dr. Abeer Hasan,
HSU Mathematics Department**

Thursday, December 10, 2015

Behavioral and Social Sciences Building Room 166, 4 p.m.

Evidence speaks louder than wishful thinking and statistics quantifies the strength of the evidence. In this talk, you will see statistics in action. Statistical inference is a powerful tool that can be used to discriminate between random chance and real phenomena. We will discuss a famous experiment that was conducted to study animal behavior. Using nothing but logic and simple arithmetic, we will illustrate the basic idea of statistical inference and quantify the evidence in favor of the research hypothesis. We will assume that the attendees have knowledge of elementary algebra only. No statistical background is required.

Dr. Hasan holds a Ph.D. in Statistics from Bowling Green University.

For a complete abstract, go to <http://www.humboldt.edu/math/news-and-events/math-colloquium>

***We invite you to the Pre-colloquium Tea on the third floor of the BSS
building at 3:30 on Thursday.***