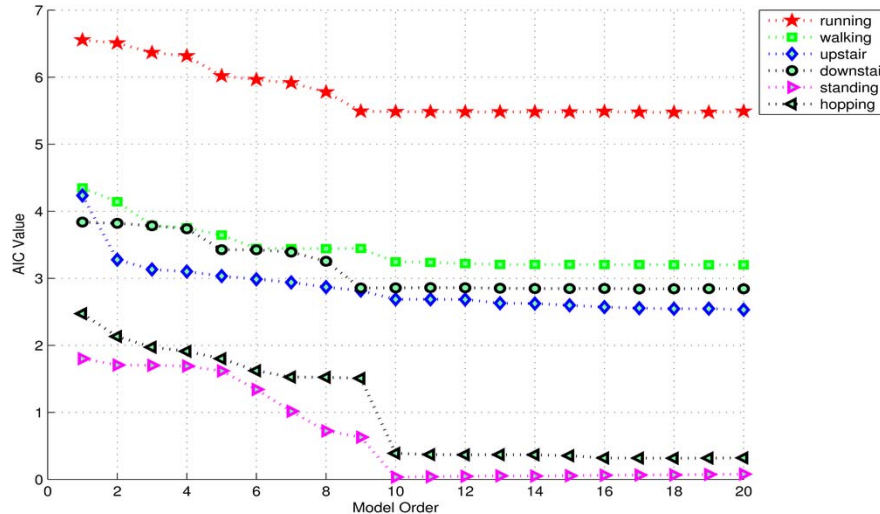# Department of Mathematics

Spring 2015 Colloquium Series

Evidence, Errors and AIC

Dr. Brian Dennis
Professor of Fish and Wildlife Sciences and Statistical Sciences
University of Idaho

Thursday, February 26, 2015
Behavioral and Social Sciences Building Room 166, 4 p.m.

Information-theoretic indices for statistical model selection have been popularized as a framework for selecting the best model from among a set of candidate models. The approach was pioneered by Akaike in the 1970s and his original model selection index, known as AIC, is widely used. Putting all candidate models on a level playing field has inspired polemic journal articles in various scientific fields advocating the abandonment of Neyman-Pearson-style statistical hypothesis testing. Information-theoretic indices have given us more coherent alternatives to such strange contraptions as stepwise regression.

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.