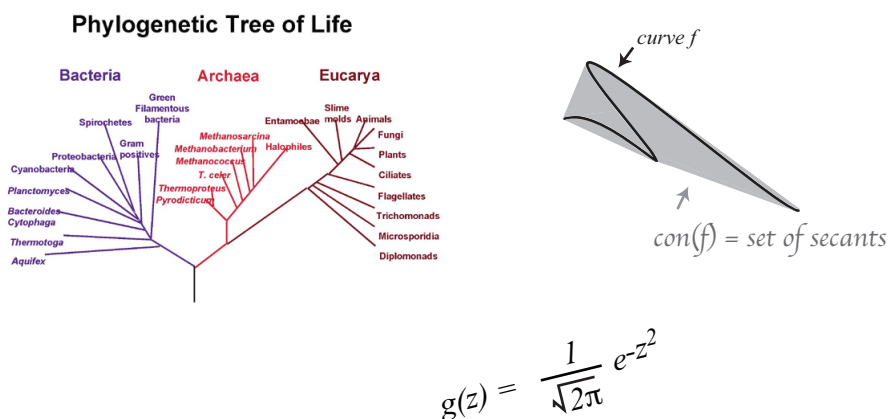


*Department of Mathematics and Statistics
Colloquium Lecture Series*

*Elizabeth Allman
UAF*

**Tree phylogenies, secant varieties, and statistical models.
Anything in common???**



This talk will discuss recent work relating statistical models on star trees to secant varieties in algebraic geometry. The talk will be introductory in nature, trying to reveal the surprising connections between probabilistic modeling in mathematical biology and algebraic geometry.

This talk is appropriate for graduate students and faculty in mathematics or statistics, and fearless advanced undergraduates.

*April 3, 2008
Chapman 106
1:00 – 2:00 pm*

Refreshments after the talk in Chapman 101A