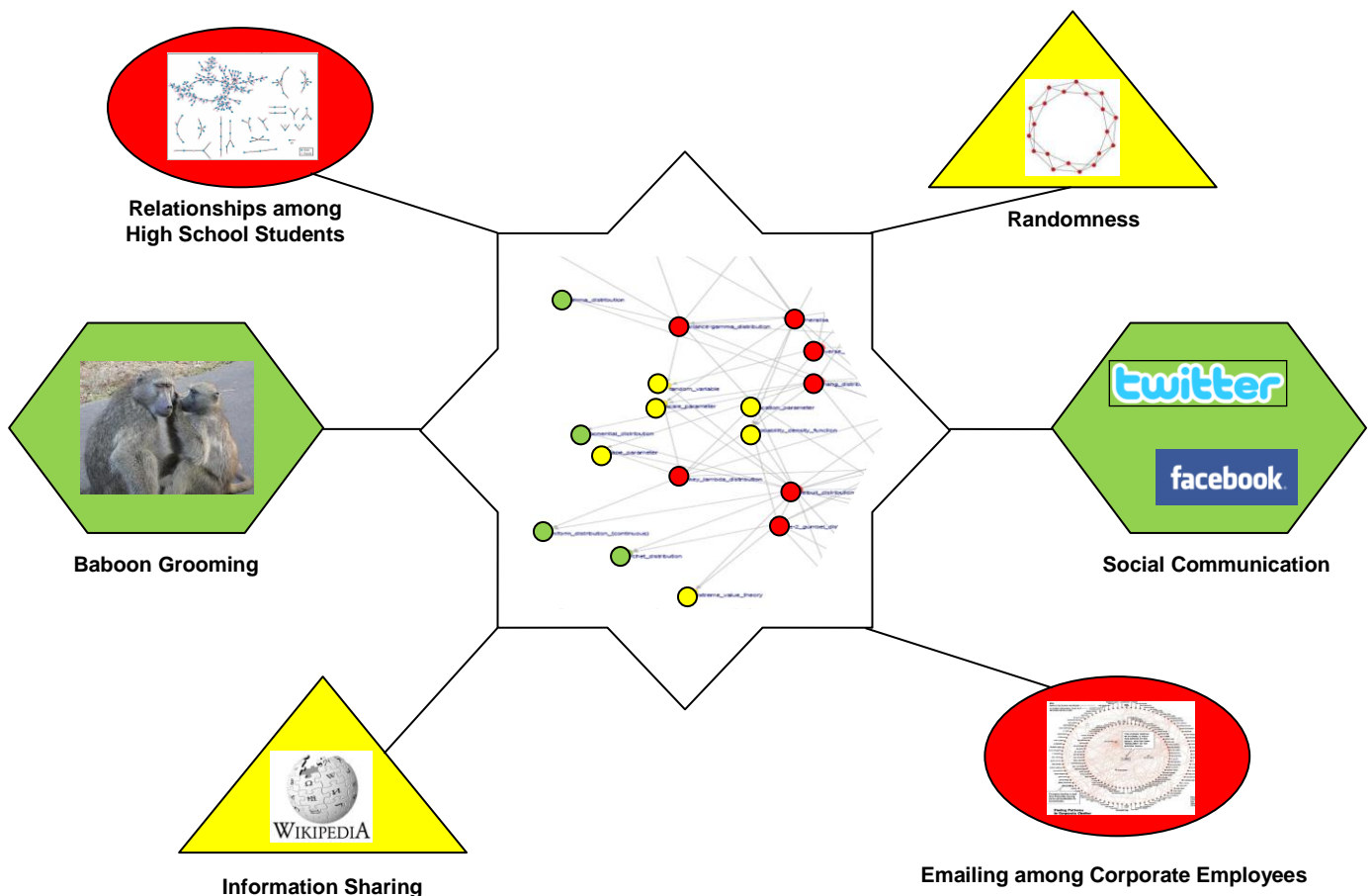


What do these relationships have in common with one another?



**Mathematics & Statistics Department
Presents:**

**Dr. David L. Banks, Professor of Statistics
Duke University**

Friday, February 17, 2012

Tea Time* ~ 3:00 & 5:00pm

Presentation ~ 3:30 – 5:00pm

CI 1008 (Computer Information Systems Building)

Presentation Title: Network Modeling

Abstract:

Network science arises in many different situations. It studies the ways in which people make friends, how terrorist cells communicate, and interactions among proteins that maintain life and health. Key contributions have been made by statisticians, computer scientists, sociologists, physicists and mathematicians. The dynamics of networks has become especially important, since the most interesting problems concern networks that change over time. This talk describes several applications of network science, and also some of the methods people use to study them. The talk also addresses two case studies: modeling the dynamics of grooming relationships in a baboon troop, and describing growth and change in the Wikipedia.

***Refreshments will be served in the lobby.**