

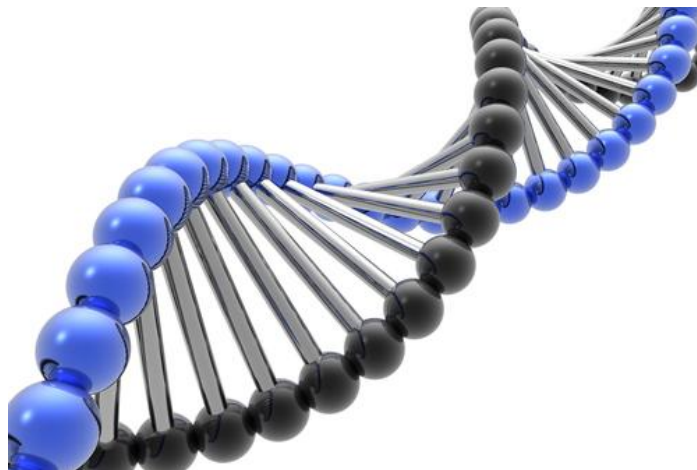
*The Mathematics and Statistics Club at Georgia State University presents...*

# **Public Health Databases and Epidemiological Studies**

a talk by Dr. Xu Zhang

The public health databases have undergone major expansions over the past several decades. An increasing number of public health researchers now utilize these databases to design and conduct epidemiological studies.

This talk centers on NHANES and SEER programs, as well as a few epidemiological researches based on the data of the programs. The NHANES program was designed to assess the health and nutritional status of US population. The SEER program is the premier source of cancer statistics of US. Both programs periodically publish the databases and allow public access to the data. An introduction to the histories NHANES and SEER will be given in the talk, as well as the types of data collected in these two programs. I will specifically explain the design of NHANES and proper statistical analysis of survey data. The talk highlights the statistical challenges that the individual research projects raised and addressed.



**Thursday March 17th 2011**

**12pm-1pm**

**College of Education 796**

Pizza and Drinks will be served, as always!