

**The Second Annual
Janet L. Norwood Award
For Outstanding Achievement by a Woman
in the Statistical Sciences**

Dr. Nan M. Laird

Friday, October 10, 2003

9:30 AM

Alys Stephens Center
Reynolds-Kirschbaum Recital Hall
1200 Tenth Avenue South
Birmingham AL

Seminar Topic:

Clinical Trials and Genetic Sub-studies: Personal Experience

Seminar Abstract:

With the mapping of the human genome, there is now widespread availability of genetic data on individuals. This presents many opportunities for using the data to better understand the basis of disease and disorders as well as how the effectiveness of treatments may depend upon genes. In recent years, I have been involved in genetic sub-studies that build on clinical trials, one involving asthma (CAMP) and one involving bipolar disorder (STEP-BP). Clinical trial populations offer ideal settings for genetic sub-studies: they are generally composed of large numbers of individuals with well characterized diseases or disorders, and a well characterized clinical picture. This talk will focus on finding genes associated with these disorders, with an emphasis on methods for genetic association studies.

Brought to you by:
The University of Alabama at Birmingham
School of Public Health
Department of Biostatistics
Section on Statistical Genetics