



Temple University

ANNOUNCES A
COLLOQUIUM

Dr. Nancy Flournoy

University of Missouri

will speak on

**Response-Adaptive Designs:
Some Reflections and Some Results**

Time: 3:00 – 4:00 PM

Date: Thursday, February 5, 2009

Place: Speakman Hall 318

Abstract

In response-adaptive designs, decisions about the experimental process are made based on accruing observations as trials accumulate. Response-adaptive procedures have a rich history both hypothesis testing and estimation situations. In some, accruing information is primarily used in deciding stop the experiment. In others, treatment allocation probabilities are altered, for example, to favor the better treatment or to stay away from toxic doses. Such procedures are becoming increasingly popular. This talk will provide a brief survey of the field, admittedly biased by the authors' own interests. Then some recent results will be presented (1) for toxicity and efficacy responses in a clinical trial and (2) for toxicology studies whose response function has a downturn at high concentrations.

**Guest Parking Available in Visitors' Parking Area 3
(Park Avenue between Cecil B. Moore Avenue & Oxford Street)**