

# Greater Cincinnati Chapter

## American Statistical Association

### **Fall Meeting**

The next meeting of the Cincinnati Chapter of the American Statistical Association will be held Thursday, November 18, 2004 at 4:00 P.M. in room DV1-101 at The Procter & Gamble Company's Health Care Research Center facility. A short business meeting will be held promptly at 4:00 P.M. Following the business meeting, Arnold J. Stromberg, Ph.D., University of Kentucky, will present a talk entitled '*Statistical Analysis for Microarray Data*'. An abstract of Dr. Stromberg's talk is given below. Directions to the Health Care Research Center are below. Upon arrival, go to the main lobby in order to be escorted to the conference room.

### **Abstract of Talk**

#### **Statistical Analysis for Microarray Data**

Arnold J. Stromberg, Ph.D.

Director of Data Analysis, Microarray Core Facility, Department of Statistics  
University of Kentucky

Until recently, biologists studied changes in gene expression one gene at a time. Microarrays allow biologists to investigate changes in thousands of genes simultaneously. This talk will present some introductory biological background concerning microarrays, followed by experimental design and data analysis techniques. Some new ideas for microarray data analysis will also be discussed.

**Directions to The Procter & Gamble Co.'s Health Care Research Center (8700 S Mason Montgomery Rd, Mason OH 45040)**

Take I-71 to Exit 19.

If exiting from I-71 southbound, keep right to stay on ramp towards Mason Montgomery Rd and then turn right (north) onto S Mason Montgomery Rd. P&G's HCRC facility is about 1.1 miles on your right (just past Irwin Simpson Rd). Visitor parking is available at the front of the building.

If exiting from I-71 northbound, turn left (north) at light off exit ramp onto Mason Rd and continue until you go under I-71. The road name will change to S Mason Montgomery Rd. P&G's HCRC facility is about 1.3 miles on your right (just past Irwin Simpson Rd). Visitor parking is available at the front of the building.

For a map, visit or click on <http://www.google.com> and search for "8700 S Mason Montgomery Rd, Mason OH 45040" (quotes can be omitted). Click on links at top of results to see a map.

**Officers**

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