

**MAJOR ACCOMPLISHMENTS AND FUTURE DIRECTIONS IN PUBLIC HEALTH
MICROBIOLOGY WORKSHOP
COLUMBUS, OH
FEBRUARY 15-18, 2005**

**SHORT COURSE - MICROBIOLOGICAL SAMPLING AND ANALYSIS
LABORATORY HANDS-ON SESSION
FEBRUARY 15, 2005**

The short course includes 1 day of lectures, demonstrations, and hands-on activities. Those registered for the short course will meet at the USGS Ohio District office. Please visit the following website for directions: <http://oh.water.usgs.gov/directions.html>

Preliminary agenda:

Moderators: Rebecca Bushon, Amie Brady, and Chris Kephart

8:00 – 8:30 Registration and Coffee/Tea

8:30 – 8:40 Welcome and introduction

8:40 – 9:15 Lecture (1)—Bacterial indicators in water and sediment

9:15 – 12:00 Laboratory—Equipment demonstration, membrane filtration and sediment demonstration, hands-on activities

12:00 – 1:00 LUNCH (on your own)

1:00 – 1:45 Lecture (2)—Pathogens and alternate fecal indicators (Coliphage and *Clostridium*)

1:45 – 2:30 Laboratory demonstrations—Coliphage and *Clostridium* methods

2:30 – 2:45 Break

2:45 – 3:15 Lecture (3)—Sample collection methods for microbiology

3:15 – 3:45 Lecture (4)—Microbial source tracking and detection methods for pathogens

3:45 – 4:30 Laboratory demonstrations—Source tracking methods and detection methods for pathogens