Today, several methods are being used to address infectious disease issues in both humans and animals. Some researchers use supercomputers to model how diseases such as avian flu could spread in the United States; others focus on surveillance and detection of outbreaks. Practitioners, government officials and others are often on the front line of public health awareness and response.

This workshop will bring people in areas of surveillance, modeling and response to share their experiences, learn about one another’s areas of expertise and identify opportunities for collaboration and information sharing. This workshop will span both human and veterinary health fields and will be of interest to infectious disease and emergency medicine physicians or residents; public health veterinarians; infection prevention and control practitioners; emergency management personnel and disaster planners; hospital epidemiologists, medical technologists and public health officials.

By the end of this workshop, participants will be able to:
1. To understand the current state of infectious disease surveillance and outbreak detection in human and animal populations.
2. Be familiar with techniques used in modeling infectious disease outbreaks and the information they provide.
3. Understand the flow of information from primary surveillance data to outbreak detection to modeling and public health decision making.
4. Have a basic understanding of the state of cyberinfrastructure and how it can be leveraged with cyberenvironments.

The University of Illinois at Chicago (UIC) College of Medicine designates this educational activity for a maximum of 12.5 (twelve and a half) AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The University of Illinois at Chicago (UIC) College of Medicine is accredited by the Accredited Council for Continuing Medical Education to provide continuing medical education for physicians.

For more information or to register: www.ncsa.uiuc.edu/Conferences/ID1/index.html