



University of Illinois  
College of Medicine  
at Urbana-Champaign

## Workshop on Infectious Disease Informatics: Surveillance, Modeling, and Response September 7 – 8, 2006

*CME Event for  
Category 1 Credit*

National Center for Supercomputing  
Applications (NCSA) building,  
1205 W. Clark St., Urbana, IL

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.

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.

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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. Describe the current state of infectious disease surveillance and outbreak detection in human and animal populations.
2. Recognize techniques used in modeling infectious disease outbreaks and the information they provide.
3. Explain the flow of information from primary surveillance data to outbreak detection to modeling and public health decision making.
4. Summarize the state of cyberinfrastructure and how it can be leveraged with cyberenvironments.

For additional information on the infectious disease conference as well as registration, please visit the website at: <http://www.ncsa.uiuc.edu/Conferences/IDI/index.html>

### Tentative Agenda

\*All activities in NCSA Auditorium unless indicated otherwise.

#### Thursday September 7, 2006

- 8:00 – 8:45 Registration & Continental Breakfast - *NCSA lobby*
- 8:45 – 9:15 Welcome from Sponsors
- 9:15 – 9:45 NCSA & Cyberenvironments  
*Jim Myers*
- 9:45 – 10:15 Space-Time Scan Statistics  
*Martin Kullendorff*
- 10:15 – 10:30 **BREAK**
- 10:30 – 11:00 International Travelers as Sentinels  
*David Freeman*
- 11:00 – 11:30 Surveillance – Zoonotic Diseases  
*Uriel Kitron*
- 11:30 – 1:00 **LUNCH**
- 1:00 – 2:30 Poster Session  
*Stephen Eubank,  
Derrek Cummings, Michael Welge*
- 2:30 – 2:45 **BREAK**
- 2:45 – 4:00 Breakout Session and Reports
- 4:00 – 5:00 Public Health Panel Discussion
- 5:00 – 6:30 Reception  
Technology demos & poster session

#### Friday September 8, 2006

- 8:00 – 8:30 Continental Breakfast - *NCSA lobby*
- 8:30 – 9:30 Keynote Address  
*Karen Becker*
- 9:30 – 10:00
- 10:00 – 10:30 *Noshir Contractor, NCSA*
- 10:30 – 10:45 **BREAK**
- 10:45 – 12:00 Charting Next Steps

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