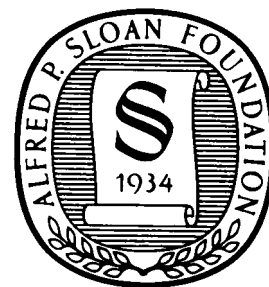


Welcome to the 2003 National Syndromic Surveillance Conference

October 23rd – 24th, 2003

Sponsored by the
Centers for Disease Control and Prevention
New York City Department of Health and Mental Hygiene
New York Academy of Medicine

Supported by
The Alfred P. Sloan Foundation



2003 National Syndromic Surveillance Conference Brief Agenda

Thursday, October 23rd

- 8:30-10:00** **Introduction, Overview and Context**
- 10:00 - 10:30 Break
- 10:30 - 12:00** **Findings from Model Systems**
- 12:00 - 1:30 Lunch and Funding Opportunities
- 1:30 - 3:00** **National Resources under Development**
- 3:00 - 3:30 Break
- 3:30 - 5:00** **Have Syndromic Surveillance Systems Been Useful?**
- 5:00 - 7:00** **Vendor and Poster Sessions - Cocktail Party**

Friday, October 24th

There are two concurrent sessions on Friday. Track A will meet in room 20 on the second floor, with a target audience of those interested in research and development. Track B will meet in Hosack Hall with a target audience of public health practitioners.

	Track A. Research Methods	Track B. Public Health Practice
8:00 - 9:30	Aberration Detection Temporal and Spatial-Temporal Methods	Local & State Health Departments: Experiences and Challenges
9:30 - 11:00	Adjustment for Natural Variation	Managing Relationships with Data Providers
11:00 - 11:20	Break	Break
11:20 - 12:30	Syndrome Definitions/ Syndrome Groupings	Legal Perspectives/HIPPA.
12:30 - 2:00	Lunch	Lunch
2:00 - 3:30	Outbreak Simulations for Performance Testing	Investigation of Signals
3:30 - 4:00	Break	Break
4:00 - 4:30	Lessons Learned- Research Methods Section	
4:30 - 5:00	Lessons Learned – Public Health Practice	
5:00 - 5:30	Closing	

2003 National Syndromic Surveillance Conference

Detailed Agenda for Thursday, October 23

Registration and Breakfast

7:30 – 9:00 Registration in the first floor lobby. Breakfast will be served on the second floor

Session 1 Introduction, Overview and Context

8:30 - 10:00

Introduction and Welcoming Address

Farzad Mostashari – NYC DOHMH

Dan Sosin – CDC

What is Syndromic Surveillance?

Kelly Henning – NYC DOHMH

The Challenge

Seth Foldy – The City of Milwaukee Health Department

Evaluation Challenges

Dan Sosin – CDC

Coffee Break

10:00 - 10:30 Coffee and refreshments are available on the first and second floors

Session 2 Findings from Model Systems Moderated by Patrick Kelley, The National Academies Institute of Medicine

10:30 - 12:00

Syndromic Surveillance in New York City

Rick Heffernan – NYC DOHMH

The Real-Time Outbreak and Disease Surveillance (RODS) System

Michael Wagner – University of Pittsburgh

National Capital Region Collaborative Disease Surveillance Network Using ESSENSE

Joseph Lombardo – Johns Hopkins University

Lunch and Funding Opportunities Session

12:00 - 1:30 Lunch service on the second floor and in Room 440. You might also take your lunch in the boxes provided and sit in Central Park. Overflow seating, should the weather not cooperate, will be available in the balcony of Hosack Hall (accessible via second floor).

In Room 20 there will be a discussion of funding opportunities for syndromic surveillance and mechanisms to obtain funding.

Session 3
National Resources Under Development – Moderated by John Loonsk, CDC

- 1:30 - 3:00 *The Biosense Initiative and National Resources*
John Loonsk - Centers for Disease Control
- The National Bioterrorism Syndromic Surveillance Demonstration Program*
Richard Platt – Harvard Medical School
- National Retail Data Monitoring System*
Michael Wagner – University of Pittsburgh

Coffee Break

- 3:00 - 3:30 Coffee and refreshments are available on the first and second floors

Session 4
Have Syndromic Surveillance Systems Been Useful?
Moderated by Julie Pavlin, WRAIR

Outbreak Detection

- 3:30 - 5:00 *Investigation of Diarrheal Illness Detected through Syndromic Surveillance After a Massive Power Outage, New York City, August 2003*
Melissa Marx – NYC DOHMH
- A National Symptom Surveillance System in the UK Using Calls to a Telephone Health Advice Service*
Duncan Cooper – Heartlands Hospital; Birmingham, UK

Other Uses

- Use of Pharmacy Data to Evaluate Impact of Smoking Regulations in Sales of Nicotine Replacement Therapies in New York City*
Kristi Metzger – NYC DOHMH
- Conducting Population Behavioral Health Surveillance using Automated Diagnostic and Pharmacy Data Systems*
Julie Pavlin – WRAIR

Poster and Vendor Session with Reception

- 5:00 - 7:00 Please join us for a poster session, where 50 posters will display research from around the world. Concurrently, six vendors will be displaying their products in Reception Room 1. Wine and beer will be served.
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**2003 National Syndromic Surveillance Conference
Detailed Agenda for Friday, October 24
Track A – Research Methods
Track A will be meeting in Room 20**

Session 5.A

**Aberration Detection: Temporal and Spatial-Temporal Methods
Moderated by David Madigan, Rutgers University**

8:00 – 9:30

Bayesian Approaches to Syndromic Surveillance
Andrew Lawson – University of South Carolina

Syndromic Surveillance for Post-Vaccination Adverse Events Using SPRT: A Retrospective Analysis
Margarette Kolczak – CDC NIP

The Role of Data Aggregation in Syndromic Surveillance with Applications in ESSENCE II
Howard Burkorn – Johns Hopkins University

Session 6.A

Adjustment for Natural Variation – Moderated by Henry Rolka, CDC

9:30 – 11:00

An Integrated Algorithm for a Statistical Detection of Peaks: The Syndromic surveillance for the Athens 2004 Olympics
Urania Dafni – University of Athens

WSARE v3.0: Accounting for a Changing Baseline
Weng-Keen Wong – Carnegie Mellon University

Syndromic Surveillance without Denominator Data: The Space-Time Permutation Scan Statistic
Martin Kulldorff – Harvard Pilgrim Healthcare

Coffee Break

11:00 – 11:30 Coffee and refreshments are available on the first and second floors

Session 7.A

**Syndrome Definitions/Syndrome Groupings
Moderated by Farzad Mostashari, NYC DOHMH**

11:30 – 12:30

A Comparison of Two Major Emergency Department Free-Text Chief Complaint Coding Systems
Christina Mikocz – Rush University Med. Ctr.

Syndrome Definitions for Disease Associated with Critical Agents
Virginia Foster – WRAIR

Normalization of Free Text for Syndromic Surveillance
Alan Shapiro – NYU School of Medicine

Lunch

12:30 - 2:00 Lunch service on the second floor and in Room 440. You may also take your lunch in the boxes provided and sit in Central Park. Overflow seating, should the weather not cooperate, will be available in the balcony of Hosack Hall (accessible via second floor).

Session 8.A Outbreak Simulations for Performance Testing Moderated by Martin Kulldorff, Harvard Pilgrim Healthcare

2:00 – 3:30

Statistical Measures for Evaluation of Methods for Syndromic Surveillance
Marianne Frisé – University of Gothenburg

Syndromic Surveillance In Vitro: Outbreak Detection Performance using Limited Feature Set Simulation

Kenneth Mandl – Harvard Medical School

Evaluating Biosurveillance Prototypes

David Siegrist – Potomac Institute for Policy Studies

Coffee Break

3:30 – 4:00 Coffee and refreshments are available on the first and second floors

2003 National Syndromic Surveillance Conference
Detailed Agenda for Friday, October 24
Track B – Public Health Practice
Track B will be meeting in Hosack Hall

Session 5.B

Local & State Health Departments: Experiences and Challenges
Moderated by Christine Hahn, Idaho State DOH and the CSTE

8:00 – 9:30

Fishing for Sharks in a Rowboat: Developing, Using and Maintaining a Sophisticated Surveillance System in Bergen County, NJ
Marc Palladini – Bergen County, NJ DOH

2003 Update for Connecticut Hospital Admissions Syndromic Surveillance (HASS)
Zygmunt Dembek – Connecticut DOH

Syndromic Surveillance for Bioterrorism in Santa Clara County, CA: October 1, 2001 to September 30, 2003
Mujib Rahman – County of Santa Clara, CA DOH

Session 6.B

Managing Relationships with Data Providers
Moderated by Richard Platt, Harvard Medical School

9:30 – 11:00

Managed Care Organizations as Data Providers for National Syndromic Surveillance Systems: Motivation and Concerns
Andrew Nelson – Health Partners, Research Foundation

Data Provider Relationships: Pros, Cons and Considerations
Andrew Kress – Surveillance Data, Inc.

Emergency Department Data Providers
Dennis Cochrane – Emergency Medical Assoc.-NJ

Coffee Break

11:00 – 11:30 Coffee and refreshments are available on the first and second floors

Session 7.B

Legal Perspectives/HIPAA
Moderated by James Hodge, Johns Hopkins School of Public Health

11:30 – 12:30

Legal Perspective/HIPAA
James Hodge – Johns Hopkins School of Public Health

Experience of Syndromic Surveillance Systems with issues of Patient Privacy and HIPAA
James Gibson – South Carolina DOH

Legal Perspectives of Implementing Syndromic Surveillance Systems – Utah Case Study
Per Gesteland – Intermountain Health Care, University of Utah

Lunch

12:30 - 2:00 Lunch service on the second floor and in Room 440. You may also take your lunch in the boxes provided and sit in Central Park. Overflow seating, should the weather not cooperate, will be available in the balcony of Hosack Hall (accessible via second floor).

Session 8.B Investigation of Signals Moderated by Don Weiss, NYC DOHMH

2:00 – 3:30 *Field Investigations of Emergency Department Syndromic Surveillance Signals, New York City*
Linda Steiner-Sichel – NYC DOHMH

Should We Be Worried? Investigation of Signals Generated by an Electronic Syndromic Surveillance System
William Terry – Westchester County, NY DOH

B-Safer Medical Surveillance Program
Edith Umland – New Mexico Health Sciences

Coffee Break

3:30 – 4:00 Coffee and refreshments are available on the first and second floors

Session 9
Conclusions – Hosack Hall

- 4:00 - 4:30 *Lessons Learned - Research Methods Section*
Farzad Mostashari - NYC DOHMH
- 4:30 – 5:00 *Lessons Learned – Public Health Practice*
Daniel Sosin - CDC
- 5:00 – 5:30 *Closing Observations--Syndromic Surveillance: Lessons Learned and*
Unanswered Questions
James W. Buehler - Emory University
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