

<p style="text-align: center;">Dec. 3, 2009 7:00 a.m. Grande Promenade Foyer Registration and Continental Breakfast</p>						
	Mediterranean East					
8:00 a.m.	Greetings from the International Society for Disease Surveillance					
	Welcoming Remarks, Lillian Rivera, PhD, Administrator, Miami-Dade County Health Department					
8:30 a.m.	Distribute: Supporting Innovation in Surveillance Practice, David Buckeridge, MD, PhD, McGill University					
9:15 a.m.	BioSense: New Directions, Taha Kass-Hout, MD, MS, CDC Moderator: James W. Buehler, CDC/Emory University					
10:00 a.m.	Grande Promenade and Foyer: Break and Poster Viewing					
10:30 a.m.	Global Cooperation on Biosurveillance as Key for Effective Biodefense Internationally, Marc Ostfield, PhD, Director for Policy and Global Issues/Bureau of European and Eurasian Affairs Moderator: Deanna Burleson, US Air Force Reserves					
11:15 a.m.	One Health: A Concept for the 21 st Century, Laura Kahn, MD, MPH, MPP, Research Scholar, Program on Science and Global Security, Woodrow Wilson School of Public Health and International Affairs, Princeton University Moderator: Deanna Burleson, US Air Force Reserves					
12 noon	Lunch and Poster viewing					
1:00 p.m.	ISDS Annual Meeting and Town Hall					
Simultaneous Track Sessions						
	Balboa Room	Castilian Room	Madrid Room	Miramar South Room	Valencia East Room	Valencia West Room
	Plant and Animal Surveillance	School/Absenteeism Surveillance	Refining Case Detection and Characterization Using EMR Data	Outbreak Detection, Characterization and Prediction	Synthetic Data and Evaluation	Surveillance for Novel H1N1 Response
Moderator	Lynda Kelley - USDA	Sharon Campolucci - CDC	Michael Klompas – Harvard University	Doug Stetson – General Dynamics/ DHS	Myron Katzoff - CDC	Coleen Martin - CDC
1:30 p.m.	Risk Factors Influencing Condemnation Rates in Provincially Inspected Abattoirs in Ontario: Implications for Food Animal Syndromic Surveillance – Gillian Alton –University Guelph	Using Automated School Absenteeism Data to Monitor Influenza: A Local Health Department’s Experiences — Atar Baer, Public Health-Seattle and King County	The Accuracy of Physician Billing Claims for Syndromic and ILI Surveillance — Genevieve Cadieux, McGill University	Prediction of Cholera Epidemics in Africa — Anna Buczak, Johns Hopkins University	In Silico Surveillance: Realistic Surveillance Data Streams Created with a Detailed Agent-Based Model — Bryan Lewis, Virginia Tech	H1N1 in New York City: Where Did Patients Seek Treatment? In Emergency Departments or Ambulatory Clinics? — Marlena Plagianos, NYC Dept. of Health and Mental Hygiene
1:48 p.m.	How Representative Are Veterinary Laboratory Data for Livestock Disease Surveillance? —Kathy Zurbrigg, Ontario Ministry of Agriculture	A Natural Experiment to Evaluate the Effect of School Closure on Subsequent Absenteeism During a Seasonal Influenza Epidemic — Carla Rodriguez, Public Health-Seattle and King County	Patterns of Medical Care for Patients with Influenza-Like Illness — John Hsu, Kaiser Permanente	Predictive Infectious Disease Surveillance: A Multidisciplinary Approach for Early Detection and Response to Disease Outbreaks — Clara Witt, US Army	Flexible and Circular ILI Clusters During H1N1 Investigation in NYC — Chris Goranson, NYC Dept. of Health and Mental Hygiene	Syndromic Surveillance for ILI During H1N1 Response — Heather Brown, MD Dept. of Health

Simultaneous Track Sessions						
	Balboa Room	Castilian Room	Madrid Room	Miramar South Room	Valencia East Room	Valencia West Room
	Plant and Animal Surveillance	School/Absenteeism Surveillance	Refining Case Detection and Characterization Using EMR Data	Outbreak Detection, Characterization and Prediction	Synthetic Data and Evaluation	Surveillance for Novel H1N1 Response
	Lynda Kelley - USDA	Sharon Campolucci - CDC	Michael Klompas – Harvard University	Doug Stetson – General Dynamics/ DHS	Myron Katzoff - CDC	Coleen Martin - CDC
2:06 p.m.	A Plant Epidemic is Key to HPAI Outbreak in Vietnam and China — <i>Carla Thomas, Georgetown University</i>	Use of a School Nurse Syndromic Surveillance System During the Novel Influenza A (H1N1) Outbreak in New York City — <i>Elisha Wilson, NYC Dept. of Health and Mental Hygiene</i>	Automated Surveillance for Herpes Zoster and Postherpetic Neuralgia, Using Structured Electronic Medical Record Data — <i>Michael Klompas, Harvard Medical School</i>	Kalman Filter Based Anomaly Detection Technique for Biosurveillance Applications — <i>David Crary, Applied Research Associates</i>	Validation of Algorithms for the Detection of Acute Diarrheal Disease Outbreaks, Alerta JESAL System 2008-2009 — <i>Delphis Vera, US Naval Medical Research Center</i>	Experience Using Syndromic Surveillance Systems During the Novel H1N1 Influenza Outbreak, Connecticut, 2009 — <i>Katherine Purviance, CT Dept. of Health</i>
2:24 p.m.	Spatial Analysis of Hidden Scrapie in Great Britain: Capture-Recapture Estimation by Means of Empirical Bayesian Smoothing — <i>Victor J. del Rio Vilas, Department for Development, Food and Rural Affairs, London</i>	The Effect of School Closure on Rates of Influenza-Like Illness in New York City (NYC) Schools During the Spring 2009 Novel H1N1 Outbreak— <i>Joseph Egger, NYC Dept. of Health and Mental Hygiene</i>	Timely Detection of Localized Excess Influenza Activity Across Multiple Data Streams — <i>Sharon Greene, Harvard Medical School</i>	Statistical Methods for the Classification of Partially Observed Outbreaks — <i>Cosmin Safta, Sandia National Laboratories</i>	Deterministic and Random Effects in the Construction of Synthetic Electronic Medical Records — <i>Linda Moniz, Johns Hopkins University</i>	Syndromic Surveillance of NYC Emergency Departments by the NYCDOHMH during the Novel H1N1 Influenza Outbreak, 2009 — <i>Marc Paladini, NYC Department of Health and Mental Hygiene</i>
2:42 p.m.	Development of an Animal Health Monitoring System Based on Slaughter Condemnation Data— <i>Wolf Weber - USDA</i>	Surveillance of US Schools with Reported Cases of Novel Influenza A/H1N1— <i>Anne Gatewood Hoen, Harvard-MIT Division of Health Sciences and Technology</i>	Creating a Vocabulary from Consensus Syndrome Definitions— <i>Wendy Chapman, University of Pittsburgh</i>	Detection of Disjunctive Anomalous Patterns in Multidimensional Data— <i>Maheshkumar Sabhnani, Carnegie Mellon University</i>	Comparison of Forecasting Methods for Influenza-Like Illness Surveillance— <i>Marlena Plagianos, NYC Dept. of Health and Mental Hygiene</i>	Using Biosurveillance Data to Monitor the 2009 Novel Influenza A H1N1 Outbreak— <i>Atar Baer, Public Health Seattle and King County</i>
Grande Promenade Foyer and Ballroom						
3:00 p.m.	Break and Poster Viewing					

**Simultaneous Track Sessions: Thursday, December 3
3:30 p.m. —5:00 p.m.**

Track Session Details
Thursday, December 3, 2009

	Balboa Room	Castilian Room	Miramar South Room	Valencia East Room	Valencia West Room	Madrid Room
Dec. 3, 2009	Post-Marketing Pharmacovigilance and Medical Product Safety	Outbreak Detection and Management	Natural Language Processing for Biosurveillance	Event Surveillance/Situational Awareness	Enhanced Surveillance for Influenza Using Novel Data Sources or Methods	Spatial and Network Methods for Biosurveillance
Moderator:	Hesha Jani Duggirala - FDA	Kenneth Cox – USA MEDCOM	Wendy Chapman – Univ. of Pittsburgh	Laverne Snow – Univ. of Utah	Gabriel Rainisch - CDC	Daniel Neill – Carnegie Mellon
3:30 p.m.	Use of the National Poison Data System (NDPS) for National Public Health Hazardous Exposure and Illness Surveillance— <i>Colleen Martin, CDC</i>	Outbreak Detection Based on the Time Patients Present to the Emergency Department— <i>Aaron Kite-Powell, Florida Dept. of Health</i>	Evaluation of Triage Note Negation Processing for Syndromic Surveillance— <i>Amy Ising, University of North Carolina at Chapel Hill</i>	A Comparison of Syndromic Surveillance and Mortality Statistics for Heat-Related Illness in Missouri— <i>Emily Kuo, MO Dept. of Health and Senior Services</i>	Developing Social Networks of Patients and Health Care Workers in the Emergency Department for Pandemic Influenza Surveillance— <i>Adi Gundlapalli, University of Utah</i>	Fast Graph Scan for Scalable Detection of Arbitrary Connected Clusters— <i>Skyler Speakman, Carnegie Mellon University</i>
3:48 p.m.	The DELTA Medical Product Safety Multi-Hospital Surveillance Evaluation Study— <i>Frederic Resnic, Brigham and Women’s Hospital, Boston</i>	Utility of the Exposure Syndrome in ESSENCE— <i>Lizbeth Londono, Miami-Dade County Health Dept.</i>	Automated Classification of Pneumonia Cases Using Chest X-Ray Reports for Hospital and Public Health Surveillance— <i>Brett South, University of Utah</i>	Q Fever Outbreaks: A Syndromic Approach for Detection of Hidden Clusters— <i>Cees van den Wijngaard, Nat’l Inst. For Public Health and the Environment, The Netherlands</i>	Taxonomy-Based Pandemic Influenza Surveillance Utilizing Media Sources— <i>Emily A. Iarocci, Georgetown University</i>	Small-World Network Models of Epidemic Spread for Bio-Defense Applications— <i>Karen Cheng, Applied Research Associates</i>
4:06 p.m.	FDA’s Sentinel Initiative— <i>Judith Racoosin, FDA</i>	Efficiency and Productivity of Improving Passive Surveillance Using ESSENCE— <i>Guoyan Zhang, Miami-Dade County Health Dept.</i>	Optimizing Syndromic Classification in Biosurveillance Systems— <i>Matthew Scholer, University of North Carolina at Chapel Hill</i>	Implementation of a Novel Intervention to Enhance Public Health Waterborne Disease Surveillance: Initial Findings— <i>Mary Derby, University of Arizona</i>	Enhanced Surveillance of the H1N1 Virus— <i>Pia Muchaal, Tufts University School of Medicine</i>	Identifying Age Clusters of Influenza During H1N1 in New York City— <i>Kevin Konty, NYC Department of Health and Mental Hygiene</i>
4:24 p.m.	Machine Assisted Signal Detection Framework Using Text Mining Techniques for Medical Devices— <i>Raoul Jetley, FDA</i>	Using Severity Information to Bridge the Gap Between Statistics and Epidemiology— <i>Yevgeniy Elbert, Johns Hopkins University</i>	Identifying ILI Cases from Chief Complaints: Comparing Keyword and Support Vector Machine Methods— <i>Norman Vinson, National Research Council of Canada</i>	Event-Based Biosurveillance of Respiratory Disease in Mexico, 2007—2009: Connection to Swine-Origin Influenza A (H1N1)?— <i>Noele Nelson, Georgetown</i>	The Utilization of Administrative Surveillance Data to Assess Herd Immunity Against Influenza— <i>Steven Cohen, HHS</i>	T-Cube Web Interface for Real-Time Biosurveillance in Sri Lanka— <i>Maheshkumar Sabhnani, Carnegie Mellon University</i>

				<i>University</i>			
4:42 p.m.	Magnitude and Determinants of Off-Label Prescribing in Primary Care Using Electronic Prescribing Data— <i>Tewodros Eguale, McGill University</i>	Awareness at the Edges: How Informal Networks Complement— <i>Michael Prietula, Emory University</i>	The ProMed-mail Co-reference Corpus: Outbreak Detection Reports Annotated for Co-reference Resolution— <i>Scott DuVall, University of Utah</i>	Emergency Department Visits for Assault and Abuse in Miami-Dade County, 2007-2008— <i>Pamela Mann, Miami-Dade County Health Dept.</i>	Enhanced Surveillance for the Early Detection of the Novel Influenza A/H1N1 pdm in Japan— <i>Yasushi Ohkusa, National Institute of Infectious Disease, Japan</i>	A Space Time Clustering Method for Crime Surveillance— <i>Marcelo Costa, Universidade Federal de Minas Gerais, Brazil</i>	
5:00 p.m.						Calculating the Benchmark Spatial-Temporary Accuracy of Scan Statistics— <i>Simon Read, University of Sheffield, UK</i>	
5:20 p.m.			Simultaneous Board Committee Meetings				
	Madrid Room	Balboa Room	Valencia East	Valencia West		Castilian	
5:30 p.m.	Conference Committee	Research Committee	Education and Training Committee	Global Outreach		Public Health Practice	
	Grande Promenade						
7:00 p.m.	Reception and Poster Viewing						

<p align="center">December 4, 2009 7:30 a.m. Grande Promenade and Foyer Registration and Continental Breakfast</p>						
	Mediterranean East					
8:30 a.m.	Plenary Session HealthMap: Participatory Epidemiology John Brownstein, PhD; Harvard Medical School Google Flu Trends: A Look at Year One Jennifer Haroon, MBA, Google Corporation; Moderator: Laverne Snow, University of Utah					
10:00 a.m.	Break and Poster Viewing					
10:30 a.m.	Keynote Address: Stephen B. Thacker, MD, MSc, ASG/RADM (Ret.), USPHS, Acting Deputy Director, Office of Surveillance, Epidemiology and Laboratory Services; Acting Director, National Center for Public Health Informatics, Director, Office of Workforce and Career Development; “A CDC Vision for Public Health Surveillance in the 21 st Century; Henry Rolka, Moderator					
12 noon	Boxed Lunch and Conclusion of Poster Viewing					
<p align="center">Simultaneous Track Sessions: Friday, December 4, 2009 1:00 p.m. – 2:15 p.m.</p>						
	Balboa Room	Castilian Room	Madrid Room	Valencia East Room	Valencia West Room	Miramar South Room
	Methods of Enhancing Surveillance I	Surveillance for Novel H1N1 Session B	Food Safety	Surveillance Related to Climate and Environment	Surveillance of Travelers	Late Breakers
Moderator:	Owen Devine - CDC	Erin O’Connell – Miami-Dade Cty Health Dept.	Lynda Kelley - USDA	Paul Schramm - CDC	Clive Brown - CDC	Hesha Jani Duggirala - FDA
1:03 p.m.	Use of Syndromic Surveillance for Outbreak Detection and Management, North Carolina, 2008-2009— <i>Erika Samoff, University of North Carolina</i>	Implementing a Hospital-Based Enhanced ICU Surveillance System for H1N1 Pandemic Influenza— <i>Adi Gundlapalli, University of Utah</i>	Multivariate Analysis for Predicting Risk of Microbial Contamination of Food— <i>Daria Sorokina, Carnegie Mellon University</i>	NC DETECT Disaster Modules Facilitate Efficient Population Monitoring— <i>Amy Ising, University of North Carolina at Chapel Hill</i>	Disease Surveillance in Travelers— <i>Gary Brunette, CDC</i>	TBD

1:21 p.m.	Development and Implementation of an Electronic Surveillance System Using Open Source Software in Peru: A Preliminary Descriptive Report— <i>Joan Neyra, US Naval Medical Research Center</i>	Surveillance for Pandemic (H1N1) 2009 Influenza in Veterans Affairs Medical Facilities Using the VA ESSENCE Biosurveillance System— <i>Cynthia Lucero, VA</i>	Discovering Possible Linkages Between Food-Borne Illness and the Food Supply Using and Interactive Analysis Tool— <i>Maheshkumar Sabhnani, Carnegie Mellon University</i>	How do Temperature, Relative Humidity and Heat Index Compare to Trends in Heat-Related Chief Complaints Captured by ESSENCE?— <i>Emily Kuo, MO Dept. of Health and Senior Services</i>	GeoSentinel Surveillance Network— <i>Phyllis Kozarsky, CDC</i>	
1:39 p.m.	Preferred Workflows for Syndromic Surveillance Systems— <i>Norman Vinson, National Research Council of Canada</i>	Influenza-Like Illness (ILI) Case Monitoring Using the Early Warning Recognition System (EWORS) in Lao PDR: The Early Recognition of a 2009 Novel H1N1 Outbreak— <i>Darony Phonekeo, Laos Ministry of Health</i>	Using Network Diagrams in Support of Food Safety Investigations— <i>Artur Dubrawski, Carnegie Mellon University</i>	National Heat-Related Illness Surveillance Using ED Data— <i>Gabriel Rainisch, SRA International, Inc</i>	Screening Influenza H1N1 in Travelers to Mexico— <i>Isabel Vieitez, Mexico Ministry of Health</i>	TBD
1:57 p.m.	I Just Got an Anomaly Notification by E-Mail; Now What Do I Do?— <i>William Storm, Ohio Dept. of Health</i>	Clinical Characteristics of Ambulatory H1N1 Patients— <i>Nicholas Soulakis, NYC Dept. of Health and Mental Hygiene</i>	Efficient Visualization of Dynamic Networks in Food Safety Analysis— <i>Artur Dubrawski, Carnegie Mellon University</i>	One Health Perspective on Climate Change Impacts in the North American Arctic— <i>Joseph Dudley, SAIC</i>	Hotel-Based Disease Surveillance System in Jamaica— <i>Michael William, Jamaica Ministry of Health</i>	TBD
2:15 p.m.	Break					

Simultaneous Track Sessions: Friday, December 4, 2009 2:30 p.m. – 3:30 p.m.						
	Balboa Room	Castilian Room	Madrid Room	Valencia East Room	Valencia West Room	Miramar South Room
Dec. 4, 2009	Methods of Enhancing Surveillance II	Bayesian Methods for Outbreak Detection	Information Fusion and Visualization	Data Visualization and Evaluation	Information Systems and Structure	Late Breakers
Moderator	Loren “Kaipo” Akaka - CDC	David Walker - CDC	Gary Brunette - CDC	Myron Katzoff - CDC	Teresa Quitugua – US DHS	Pamela Mann – FL DoH
2:33 p.m.	Poison Center Data Use for Enhanced Public Health Surveillance— <i>Amy Ising, University of North Carolina at Chapel Hill</i>	Fast Subset Sums for Multivariate Bayesian Scan Statistics— <i>Daniel Neill, Carnegie Mellon University</i>	Yes We Can! Use of Multiple Syndromic Surveillance Systems for Detection of Post Inauguration and Late-Season Influenza Events— <i>Alan Siniscalchi, Connecticut Dept. of Public Health</i>	Evaluating the Validity of Emergency Department Data for Biosurveillance— <i>Clifton Barnett, University of North Carolina at Chapel Hill</i>	An Agile Technical Infrastructure for Syndromic Surveillance: DiSTRIBuTE— <i>Ian Painter, University of Washington</i>	TBD
2:51 p.m.	Spatial Epidemiology Improves a Prediction Model for Lyme Facial Palsy— <i>Andrew Fine, Harvard Medical School</i>	Endemic Disease Surveillance Using Bayes Factor— <i>Luiz Duczmal, Universidade Federal de Minas Gerais, Brazil</i>	Georgia Flu Trends: Developing a Concise, Accessible Spatial-Temporal Visualization of Influenza-Like Illness Data from Open Source Tools— <i>Karl Soetebier, Georgia Div. of Public Health</i>	Evaluation of Syndromic Surveillance: Influenza-Like Illness— <i>Ellen Whitney, Emory University</i>	Tracking Influenza Using a Multi-Sectoral Healthcare Data Mart— <i>Joel Greenspan, SDI, Pennsylvania</i>	TBD

3:09 p.m.	Using Poison Control Data to Identify Pesticide Exposure in Miami-Dade County— <i>Erin O’Connell, Miami-Dade County Health Dept.</i>	Using MSA-Specific Bayesian Predictive Distributions to Detect Outbreaks of Influenza-Like Illness— <i>Owen Devine, CDC</i>	Bayesian Models for General Water Quality and Public Health Information Fusion Model— <i>Zaruhi Mnatsakanyan, Johns Hopkins University</i>	Analyzing ILINET Data for Increased Spatial Resolution— <i>Howard Burkom, Johns Hopkins University</i>	Multi-Jurisdictional Aggregate Data Sharing through GIPSE Grid Services— <i>Wayne Loschen, Johns Hopkins University</i>	Friday, December 4, 2009
3:27 p.m.	Automated and Customized Report System for Enhanced Emergency Department Influenza Surveillance— <i>Fermin Leguen, Miami Dade County Health Department</i>	Spatio-Temporal Bayesian Hierarchical Model for Influenza Surveillance— <i>Ta-Chien Chan, National Taiwan University</i>	Disease Severity Estimation for Respiratory Outbreak Early Detection— <i>Zaruhi Mnatsakanyan, Johns Hopkins University</i>	Did Advances in Global Surveillance and Notification Systems Make a Difference in the 2009 H1N1 Pandemic?— <i>Michael Stoto, Georgetown University</i>	Information Sharing During the 2009 Inauguration and H1N1 Outbreak— <i>Wayne Loschen, Johns Hopkins University</i>	TBD
3:27 p.m.	Automated and Customized Report System for Enhanced Emergency Department Influenza Surveillance— <i>Fermin Leguen, Miami Dade County Health Department</i>	Spatio-Temporal Bayesian Hierarchical Model for Influenza Surveillance— <i>Ta-Chien Chan, National Taiwan University</i>	Disease Severity Estimation for Respiratory Outbreak Early Detection— <i>Zaruhi Mnatsakanyan, Johns Hopkins University</i>	Did Advances in Global Surveillance and Notification Systems Make a Difference in the 2009 H1N1 Pandemic?— <i>Michael Stoto, Georgetown University</i>	Information Sharing During the 2009 Inauguration and H1N1 Outbreak— <i>Wayne Loschen, Johns Hopkins University</i>	TBD
Mediterranean East						
3:45 p.m.	Wrap-up Session and Poster Awards David Buckeridge, MD, PhD; McGill University Lizbeth Londono; Miami-Dade County Health Department					