

POSTER PRESENTATIONS

| Abstract ID | Presenter | Title | Assigned Poster ID |
|---|--------------------|--|--------------------|
| Event detection and situational awareness | | | |
| 461 | Bryan Buss | Population-Based Surveillance for Methicillin-Resistant Staphylococcus aureus Infections among High School Football and Wrestling Participants - Nebraska, 2008-2010 | 1 |
| 531 | Marcus Rennick | Asthma Patterns in Boston Emergency Department Visits for Children Age Five and Under | 2 |
| 607 | Prakash Mulay | Enhancement of ESSENCE-based chemical surveillance by incorporation of real time Poison Information Center data | 3 |
| 481 | Rene Borroto | Tracking Emergency Department (ED) Patients with Gastrointestinal Symptoms During a Norovirus Epidemic in Miami-Dade | 4 |
| 556 | Katherine Wallace | U.S. Department of Veterans Affairs Integrated Operations Center (VA IOC): Collaborations for Surveillance, Analysis, and Prediction for Infectious Disease Threat Preparedness -- Pilot Review of Dengue Occurrence | 5 |
| 612 | Tara Sell | Using a prediction market to forecast dengue fever activity in the U.S. | 6 |
| 498 | Sadia Aslam | Utilities of Maryland's Syndromic Surveillance System: Identifying Threats, Case Investigation, Situational Awareness | 7 |
| 497 | Sadia Aslam | Maryland ESSENCE Expansion to Incorporate Prescription Medication Data | 8 |
| Disaster surveillance and emergency response | | | |
| 522 | Armand Sprecher | Evaluation of a Postearthquake Internally Displaced Persons Surveillance System (IDPSS) -- Haiti, 2010 | 9 |
| 585 | Richard Martinello | Adapting a Syndromic BioSurveillance System to Monitor Veterans' Health Impact Associated with the Gulf Coast Oil Spill | 10 |
| 493 | Zachary Faigen | Identification and Tracking of Heat Related Illnesses Using Syndromic Surveillance | 11 |
| 599 | Marissa Taddie | Prospective Space-Time Analysis of the 2007 Cryptosporidiosis Outbreak, Salt Lake County, Utah | 12 |
| 998 | Bryan Lewis | In silico Surveillance: Highly detailed agent-based models for surveillance system evaluation and design | 13 |
| 557 | Jeremy Espino | EpiScape: A Map Generation Service for Spatial Temporal Visualization | 14 |
| 510 | Charlene Weng | Map Application to the New York State Electronic Syndromic Surveillance System | 15 |
| 489 | Andrew Wilper | Temporo-spatial Surveillance of Influenza-Like-Illness | 16 |

| Abstract ID | Presenter | Title | Assigned Poster ID |
|------------------|-----------------------|---|--------------------|
| Influenza | | | |
| 552 | Owen Simwale | How Did Specific Specialties and New Sentinel Providers Affect ILINet Data post 2009 A/H1N1 recognition | 17 |
| 581 | Roland Gamache | A Model for Flu Outbreak Surveillance that Describes the Time Lag for Data Reporting from the First Presentation of a Case to Diagnosis | 18 |
| 570 | Sylvain DeLisle | Incorporating Seasonality and Other Long-Term Trends Improves Surveillance for Acute Respiratory Infections | 19 |
| 500 | William Weppner | Syndromic Surveillance of Influenza-Like-Illness Using Automated VA Data Preliminary Results from the Idaho Infectious Disease Reporting Network | 20 |
| 512 | Ashley Fowlkes | Comparison of the U.S. Outpatient Influenza-Like Illness Surveillance Network and the Google Flu Trends from 2008 to 2010 | 21 |
| 491 | Himal Dhotre | A comparison of the Fever-Flu Syndrome category to the SC ILINet Surveillance system - South Carolina: 2009-2010 Influenza Season | 22 |
| 586 | Krista Kniss | Comparison of Distribute and ILINet for National Influenza Surveillance | 23 |
| 548 | Jenny Robertson | Evaluating the Use of Syndromic Surveillance for the Detection of Influenza-like Illness in Salt Lake County, Utah | 24 |
| 601 | Wendy Smith | A Comparison of Syndromic Surveillance Chief Complaint Data and Discharge Data in Pediatric Hospital System During 2009 H1N1 | 26 |
| 475 | Ying Zhang | Evaluating University Syndromic Surveillance Systems During the 2009 H1N1 Influenza Pandemic | 27 |
| 588 | Trang Nguyen | Comparison of Respiratory, Febrile and Influenza-like Illness Syndromes to Detect Laboratory-Reported H1N1 and RSV, Influenza Season 2009-10 -- New York City | 28 |
| 504 | Jason Morin | Creating a Fast and Flexible Syndromic Surveillance Reporting System | 29 |
| 547 | Miguel Torres-Urquidy | FluView Interactive: Using User-Centered Design and Usability Heuristics to Improve Visualization of Influenza Information | 30 |
| 521 | Sanjeeb Sapkota | Tracking H1N1 Vaccine Doses Administered using the CRA Systems | 31 |
| 506 | John R Allegra | The Use of Patient Temperature Data for Biosurveillance in the Emergency Department | 32 |

| Abstract ID | Presenter | Title | Assigned Poster ID |
|---|------------------|--|---------------------------|
| EHR and electronic data exchange | | | |
| 559 | Dennis Falls | Securing Protected Health Information in NC DETECT | 33 |
| 490 | Mark Hoffman | EHR-Based Syndromic Surveillance During the 2009-2010 H1N1 Pandemic | 34 |
| 466 | Nikolay Lipskiy | Health IT Meaningful Use: How the EHR Certification May Improve the Electronic Laboratory Reporting (ELR) | 35 |
| 494 | Y. Emily Cheng | PHIN-MS deployment acceptability survey for the Data Transfer of Syndromic data between Hospitals and Public Health | 36 |
| Data collection, quality, and standards | | | |
| 579 | Adjoa Poku | Mitigating Data Collection Challenges with Adaptive Frameworks | 38 |
| 539 | Alejandro Pérez | Classification of Errors for Quality Assurance in the Emerging Infections Program Influenza Hospitalizations Surveillance System | 39 |
| 568 | Candace Hayden | Impact of Including Physician's Prescribing Directions on Calculations of Medication Possession Ratios | 40 |
| 479 | Rachel Blouin | Using Administrative Databases to Identify Cases of Chronic Kidney Disease: A Systematic Review | 42 |
| 614 | Deepthi Rajeev | Description of the Quality of Public Health Case Reports Received at a Local Health Department and Potential Impact on Workflow | 43 |
| 483 | Ricardo Hora | Role of continuous monitoring on performance of surveillance systems in military populations in resource-limited settings | 44 |
| NLP, vocabularies, data classification, and data standards | | | |
| 527 | Anna Grigoryan | Creating a Shared Epidemiologic Vocabulary: Lessons from the Former Soviet Union | 46 |
| 606 | Fu-Chiang Tsui | An Automated Influenza-Like-Illness Reporting System Using Freetext Emergency Department Reports | 47 |
| 544 | Guy Divita | Finding Medically Unexplained Symptoms within VA Clinical Documents using v3NLP | 48 |
| 623 | Kailah Davis | Real Time Surveillance of Influenza/Pneumonia Deaths: New Strategies Using Grid Computing and Natural Language Processing | 50 |
| 477 | Nikolay Lipskiy | Reporting Nationally Notifiable Conditions (NNC): Vocabulary Aspects | 51 |
| 465 | Nikolay Lipskiy | Improving Quality and Interoperability of Public Health Messaging Guides: CDC Messaging Quality Framework (MQF) | 52 |

| Abstract ID | Presenter | Title | Assigned Poster ID |
|---|-----------------------|---|-------------------------------|
| Informatics architectures and applications | | | |
| 560 | Jeffrey Duncan | Integrating Medical Examiner Data in Utah | 53 |
| 516 | P Joseph Gibson | Placing Surveillance in a Preparedness Business Process Framework | 54 |
| 463 | Yingjie Zhang | Public Health Data Sharing Policy and Informatics Initiatives at China CDC | 55 |
| 616 | Yuling Jiang | Virtual Public Health Informatics Training: Development and Delivery of an Online Public Health Informatics Course | 56 |
| System descriptions | | | |
| 567 | Anosh Mostaghimi | HAISS Data Warehouse (HDW) - A new data access architecture for VA ESSENCE | 57 |
| 580 | Jacqueline Coberly | Biosurveillance Applications for Resource-Limited Settings: Open ESSENCE and ESSENCE Desktop Edition | 58 |
| 587 | Gabriel Rainisch | Early Aberration Reporting System (EARS) Update: Present and Future | 59 |
| 538 | Rita Sembajwe | User Requirements for a User-Centered Design (UCD) Redesign of a Public Health Surveillance System: BioSense | 60 |
| 997 | Blaine Reeder | Utility Assessment of a Community-Based Syndromic Surveillance System: Preliminary Pilot Results | 61 |
| 541 | James Paton | Samos: A Community-Driven Open-Access Prediction Market System | 62 |
| 471 | David Mazeroski | EpiSentry: Simulation-based Threat Identification, Response Management and Decision Support for Outbreaks and Pandemics | 63 |
| 480 | Jean-Baptiste Meynard | Evaluation of the NATO Disease Surveillance System in Kosovo in 2010 | 64 |
| Communication | | | |
| 520 | Jon Reid | Development of Public Health Communication Tools using Open Source Methods | 65 |
| 532 | Teresa Quitugua | The National Biosurveillance Integration System | 66 |
| 536 | Erika Samoff | Access to and use of syndromic surveillance information at the local health department level | 67 |
| 535 | Alan Siniscalchi | Use of a Public Health Working Group to Coordinate Multi-Jurisdiction Response to Bioterrorism Surveillance Signals and Influenza Outbreaks | 68 |