Welcome to the March ISDS Research Committee Meeting
March 8, 2013
Agenda

- Social Media for Disease Surveillance Literature Review Update
- 2013 Award for Outstanding Research Articles in Biosurveillance
- April Literature Review
- ISDS Technical Conventions Committee
Social Media for Disease Surveillance Literature Review

• Developed searches in PubMed and Embase
• Initial pool of articles was ~1400 articles
• Group members are reviewing these titles and abstracts to weed out reviews/editorials, as well as those articles that do not address review questions
  • 2 reviews per article
  • 3rd review if there is disagreement
• Articles to be included after this first phase will be reviewed in-depth
Purpose (2012): To increase awareness and interest in the activities of ISDS, its Research Committee (RC), and the Literature Review Subcommittee (LRS) by issuing an award in recognition of outstanding research literature in biosurveillance, as judged by ISDS membership.

2012 Process:

- Two Categories: Impact on field of biosurveillance and Scientific achievement
- Initial article pool consisted of all articles selected for review & discussion during the Lit Rev. calls held between Jan. 2010 – Mar. 2012 by the ISDS LRS.
2013 ISDS Award for Outstanding Research Articles in Biosurveillance

• 2012 Process (continued...)
  • The Award Committee (AC) sent out a call for nominations to the ISDS general e-mail list. Both members and non-members were invited to submit nominations or to select one of the articles from the initial pool.
  • Articles from the initial pool that receive nominations as well as all other nominated papers constituted a short list which went to the AC.
  • AC reviewed the short list and narrow to 6-12 articles using a scoring rubric and considered frequency of nominations during the initial call.
2013 ISDS Award for Outstanding Research Articles in Biosurveillance

• **2012 Process (continued...)**
  
  • Finalists were distributed to ISDS members for voting.
  
  • ISDS members chose up to 3 choices, taking into consideration the judging criteria. Award went to the articles receiving the most votes.

• **We will be revisiting this plan and revising as necessary at the beginning of April**

• **If you are interested in being involved in the award committee or have suggestions, please contact Tera**
Literature Review

- April Literature Review focused on Data Dashboards/Data Visualization
  - Date/Time TBA
  - 1 CPH credit will be available (must summarize and attend)
• Three Core Functions
  1. Problem Specification
  2. Dataset Curation
     • Unrestricted data, and restricted by Data Use Agreements
     • Authentic, “modified” Authentic, Simulated
  3. Solution Validation
• Post, disseminate products of each core function
• An active, broadly inclusive committee devoted to building, sustaining a bridge between problem owners and solution developers
  – A “shell” is insufficient for sustainable communication
  – More than a website or social media tool
Technical Conventions Committee: Problem Specification

• Problem owner (epidemiologist, department) desiring a technical tool fills out problem template as completely as possible.
• Problem owner sends the template to the conventions group, and a call is scheduled.
• The template is refined and completed during the call, with the user requirements governing the process.
• Provision of datasets for validation, comparison of solutions methods is arranged.
• Completed template is made available to the community of developers in health departments, other government agencies, universities, industry.
• **Webpage:**
• Any additional items to discuss?
Thank you for your time!

- Contact Tera Reynolds at treynolds@syndromic.org or Katie Suda at ksuda@uthsc.edu with suggestions, questions, or concerns.
Upcoming Events

• Webinar: SMART Platforms: Building The App Store for Biosurveillance
  • Hosted by Research Committee
  • Presented by Dr. Kenneth Mandl
  • Monday, March 18\textsuperscript{th}, 1:00 – 2:00pm ET
  • Register: 
    \url{https://www2.gotomeeting.com/register/180275562}

• April Research Committee Meeting on Friday, 12\textsuperscript{th} at 1:00pm ET (18:00 GMT)