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

• Update from Pew Charitable Trust
• Social Media for Disease Surveillance Literature Review
• Technical Conventions Committee
• Literature Reviews
  • February Literature Review
  • Selecting topic for April Literature Review
• Follow-up discussion on further clinical decision support-related activities, with Jan. 29th webinar moderator/panelist, Andrea Dugas, Johns Hopkins University School of Medicine
A New Pathway for Antibiotic Innovation: Exploring Drug Development for Limited Populations

– Brought together policy makers, industry, and clinicians to discuss

• Lack of antimicrobial drug development

• Proposal to increase the cost of antimicrobials to be similar to chemotherapeutic agents

• Increasing MDR GNR where outpatients are being treated with IV antibiotic where previously could be treated by oral antibiotics
• Developed searches in PubMed and Embase
• Initial pool of articles is between 600 – 700 articles (in the process of de-duplicating now)
• Group members will be reviewing titles and abstracts to weed out reviews/editorials, as well as those articles that do not address review questions, over the next 1 – 1.5 weeks
• Remaining articles will be reviewed in more detail using a structured summary
ISDS Technical Conventions
Committee

• 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: http://isds.wikispaces.com/Technical+Conventions
• February Literature Review focused on Forecasting Infectious Disease Incidence
  • February 28th from noon – 1:30pm EST
  • Register: https://www2.gotomeeting.com/register/738475522
  • Where to find folder in Zotero
  • Where to find structured summary form
  • 1 CPH credit available (must summarize and attend)

• Selecting topic for April Literature Review
Follow-up Discussion: January 29th Webinar

• Webinar: Usage of Syndromic Surveillance Information to Assist Clinical Decision-Making
  • Andrea Dugas, Johns Hopkins University School of Medicine
  • Recording available here: https://vimeo.com/58480874
  • Discussion – moving initiative forward
• 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

- February Literature Review on Thursday, February 28th at 12:00pm EST (17:00 GMT)
- March Research Committee Meeting on Friday, 8th at 1:00pm EST (18:00 GMT)