

# NMI eSHARE Webinar

## NNDSS-related Highlights from the 2017 CSTE Annual Conference

Tuesday, June 20, 2017  
3:00-4:00pm ET

Meredith Lichtenstein, MPH  
Kristy Bradley, DVM, MPH  
Richard Vogt, MD, F.A.C.E  
Kathryn Turner, PhD, MPH



Council of State and Territorial Epidemiologists

# Agenda



- Welcome and Introductions
- Overview of 2017 CSTE Annual Conference
  - Meredith Lichtenstein (CSTE)
- Review of Approved 2017 CSTE Position Statements
  - Kristy Bradley (Oklahoma)
- CSTE's Status of Incorporating CIDT Results in Case Definitions
  - Richard Vogt (CSTE Consultant)
- Recap of Conference Workshop: “Integrating eCR at your Agency: Harvesting the Ripe Fruits of our Labor”
  - Kathryn Turner (Idaho)
- Questions and Answers

# Overview of 2017 CSTE Annual Conference



# Boise, Idaho







## **Attendance**

- 1568 registered attendees
- State Health Agency: 51%
- Local Health Agency: 21%
- Federal Agency: 14%

## **Conference Workshops**

- Sunday, June 4
- 16 workshops
- 1056 attendees

## **Conference Sessions**

- Mon-Wed, June 5-7
- 8 tracks
- >900 total presentations
- 86 Breakout Sessions
  - 29 Quick Sessions
  - 9 Lightning Sessions
- 225 Posters
- 80 Roundtables
- 6 Sponsor Roundtables



## **CSTE Annual Business Meeting**

- Thursday, June 8
- State of CSTE Address – Joe McLaughlin
- 2017 Position Statements
- Executive Board Transition
  - For Active Members, voting is now reopened for the Infectious Disease Steering Committee Chair

# CSTE Executive Board



## 2017-2018

### Officers

President: Janet Hamilton, FL

Vice President: [Joe McLaughlin, AK](#)

President-Elect: [Sarah Park, HI](#)

Secretary-Treasurer: [Marci Layton, NYC](#)

### Steering Committee Chairs

Infectious Disease: *Ongoing Election – Closes 6/20*

Chronic Disease/MCH/Oral Health: Robert Graff, ID

Environmental/Occupational/Injury: Sharon Watkins, PA

Surveillance/Informatics: Kathy Turner, ID

Cross Cutting I: Rich Danila, MN\*

Cross Cutting II: [Barbara Gabella, CO](#)

# For more information...



2017 Annual Conference Presentation Recordings – *Coming Soon!*

- <https://cste.confex.com/cste/2017/webprogram/programs.html>

2017 Position Statements – *Coming Soon!*

- Position Statement Archive:  
<http://www.cste.org/?page=PositionStatements>

Questions on...

...Position Statements?

- Email Meredith Lichtenstein ([mlichtenstein@cste.org](mailto:mlichtenstein@cste.org))

...CIDT?

- Email Monica Huang ([mhuang@cste.org](mailto:mhuang@cste.org))

...CSTE's eCR Activities?

- Email Meredith ([mlichtenstein@cste.org](mailto:mlichtenstein@cste.org))



# 2017 Approved CSTE Position Statements



# 2017 Policy PSs



- **17-CC-01** – “Support for Use of the CDC’s Model Aquatic Health Code (MAHC) as a Resource and Guidance Document by State, Territorial, and Local Jurisdictions Regulating Public Aquatic Facilities”
- **17-ID-05** – “Surveillance for perinatal HIV exposure: Update”
- **17-ID-06** – “Transgender HIV Surveillance”

# 2017 Standardized Surveillance PSs



- **17-ID-01** – “Revision to the Standardized Surveillance and Case Definition for Acute Flaccid Myelitis”
  - Revisions aim to facilitate interpretation of apparent increases in AFM, to improve tracking of national trends, & to better define the etiologic agents.
- **17-ID-02** – “Revision for the Standardized Case Definition, Case Classification, and National Surveillance for Anthrax” (NNC)
  - Updates lab diagnostics to accommodate availability and classification; adds infections with *Bacillus cereus* strains that express anthrax toxin genes (pXO1 and/or pXO2 plasmids); improves consistency in terms used for types of anthrax; refines symptoms to improve sensitivity/specificity.
- **17-ID-03** – “Standardized Case Definition for *Candida auris*”
  - Establishes a consensus case definition for standardized public health tracking of *C. auris* cases.

# 2017 Standardized Surveillance PSs



- **17-ID-04** – “Public Health Reporting and National Notification of Carbapenemase Producing Carbapenem-Resistant Enterobacteriaceae (CP-CRE)” (NNC)
  - Builds upon 15-ID-05 and establishes standardized case definition for CP-CRE, makes CP-CRE nationally notifiable.
- **17-ID-07** – “Standardized Case Definition for Extrapulmonary Nontuberculous Mycobacteria Infections”
  - Establishes a standardized case definition for extrapulmonary NTM infections but does NOT make extrapulmonary NTM infections nationally notifiable
- **17-ID-08** – “Public Health Reporting and National Notification of Perinatal Hepatitis C Virus Infection” (NNC)
  - Establishes a standardized case definition for perinatal HCV infection and makes perinatal HCV infections nationally notifiable

# 2017 Standardized Surveillance PSs



- **17-ID-09** – “Establishing a Case Definition for Latent TB Infection (TB Infection)”
  - Defines cases of latent TB infection but does NOT make LTBI nationally notifiable
- **17-ID-10** – “Public Health Reporting and National Notification for Shiga Toxin-Producing *Escherichia coli* (STEC)” (NNC)
  - Updates case definition to incorporate CIDT results
- **17-ID-11** – “Update to Public Health Reporting and National Notification for Syphilis” (NNC)
  - Includes updates to ensure consistent, accurate reporting of cases & the appropriate capture of clinical manifestations, including neurologic and ocular manifestations.



# Questions?

# CSTE's Status of Incorporating CIDT Results in Case Definitions



# Discussion

# Recap of S/I eCR Conference Workshop



# Workshop Agenda



- Digital Bridge Progress: Then and Now
- Partner Activities for Digital Bridge Initial Implementation of eCR
- eCR Readiness Panel: Experiences Thus Far
- The Future of RCKMS: Governance Discussion



- Digital Bridge Progress Overview
  - A partnership of health care, health IT and public health
  - Funded by the Robert Wood Johnson Foundation and the de Beaumont Foundation
  - Program management provided by Deloitte Consulting and the Public Health Informatics Institute
  - Initial focus: electronic case reporting (eCR)
  - Recapped progress since June 2016

# Digital Bridge Phases



**2016**

**2016-2017**

**2017+**

## Phase I

- Established vision
- Created project charter
- Formed governance body

## Phase II

- Formed distinct workgroups
- Developed functional requirements and a technical architecture diagram
- Created initial sustainability plan and communications plan
- Shared preliminary legal recommendations
- Selected seven eCR implementation sites
- Held first successful in-person governance body meeting

## Phase III

- Established new workgroups (implementation taskforce, evaluation committee, strategy workgroup and legal and regulatory)

Identify and define best available legal approaches to eCR, recommend alternative technical approaches to make eCR more feasible from legal and regulatory perspectives, and provide feedback to the law firm retained by the Digital Bridge PMO.

- Engaging with law firm, Davis Wright Tremaine, LLP, to develop agreements that can be used by eCR data sharing partners
- Providing guidance and feedback to the law firm as they prepare draft agreements and templates
- Anticipated Products
  - Legal risk assessment
  - Template agreements
  - Long-term strategy

- Identify and define strategic goals and objectives for Digital Bridge, and devise and recommend strategies for long-term sustainability.
  - Digital Bridge Roadmap
    - Showcases the “big picture” plan
    - Defines use cases beyond eCR
  - Digital Bridge Sustainability Plan
    - Digital Bridge 2-5 year operating model, governance structure, and funding model
  - eCR Sustainability Plan
    - Addressing the future sustainability of eCR to inform public and private decisions regarding policy, strategic planning, infrastructure and technology investments

# Evaluation Committee



Oversee, coordinate and advise evaluation activities of the Digital eCR approach to be implemented during project Phase 3.

- Within scope are any and all activities that will provide the Digital Bridge governance body with information regarding the process and outcomes of eCR implementation.
  - Assess the satisfaction with the Digital Bridge approach for eCR
  - Estimate the resources needed to make the Digital Bridge eCR approach possible nationwide
- Evaluation plan
- Evaluation tools
- Interim evaluation results
- Final evaluation report, respectively.



## Oversee and coordinate technical implementation of the Digital Bridge eCR approach, including managing technical implementations

- Digital Bridge eCR implementation plan
- eCR onboarding documents for health care providers and public health agencies
- eCR implementation/configuration guide for EHR vendors
- Implementation site communications plan
- Test management plan
- Updated Digital Bridge requirements (as required)
- Updated Digital Bridge Technical Architecture Diagram (as required)
- Implementation Architecture Diagram

# eCR Implementation Sites



**Public Health Agency**

**Health Care Provider**

**EHR Vendor**

## **Wave 1**

Kansas

Lawrence Memorial  
Hospital

Cerner

Michigan

McLaren Health Center

NetSmart (HIE-  
MiHIN)

Utah

Intermountain Healthcare

Cerner

## **Wave 2**

California

UC Davis

Epic

Houston

Houston Methodist

Epic

Massachusetts

Partners HealthCare

Epic

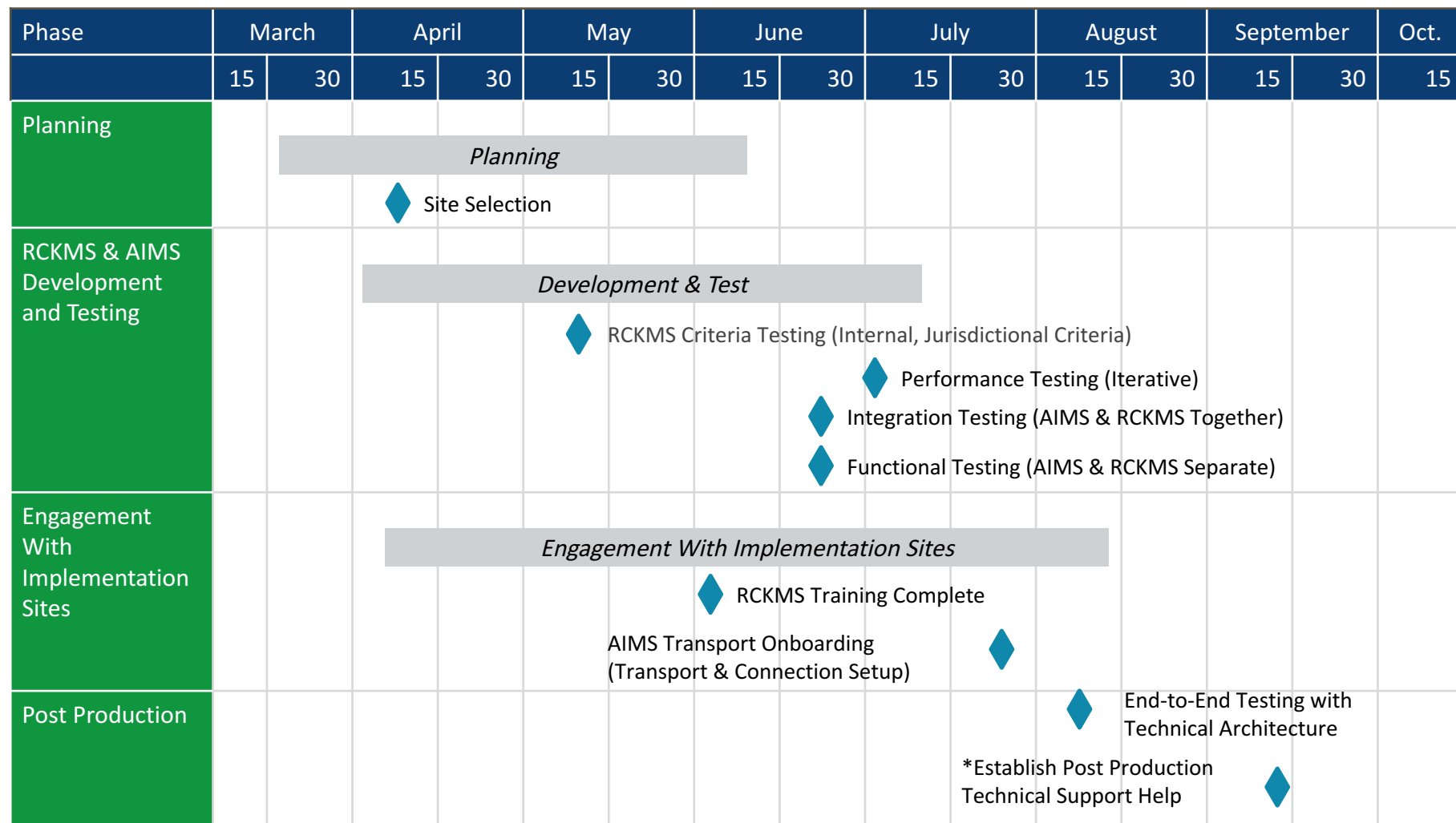
New York City

Institute of Family Health

Epic

# eCR Implementation Timeline

## Wave 1



\*Assumes correct legal and data sharing agreements are in place

# Panel Discussion



- Michigan
- Massachusetts
- Kansas
- New York City
- Tennessee
- Workflow
- Communication
- ELR / ECR
- Data de-duplication
- Partnerships
- Promotion
- Funding

Reminder! RCKMS stands for:

## **Reportable Conditions Knowledge Management System**

The RCKMS is:

an authoritative, real-time portal to enhance disease surveillance, by providing comprehensive information to reporters (and PH) about the “who, what, where, when, why, and how” of case reporting

- Implemented the default content for pertussis, Chlamydia, gonorrhea, salmonellosis, Zika virus disease
- Addition of jurisdictional options requested by DB sites
- Integration work with the APHL AIMS team
  - Setting up RCKMS on AIMS
  - Coordination on broader eCR architecture
- Training conducted
  - August 2016: PHI Conference Focus Group
  - March 2017 - Present: Training for Digital Bridge eCR Initial Implementation Sites



# Questions?



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