



WE MAY USE A POLL DURING THE MEETING TODAY.
TO ACCESS THE POLL, PLEASE OPEN A BROWSER WINDOW TO
[POLLEV.COM/KAHUINA](https://pollev.com/KAHUINA)



CSTE NSSP Regional Data Sharing Workshop

Design Call #2 | Midwest Regional (Chicago, IL)

Start 4:00 EDT / 3:00 CDT

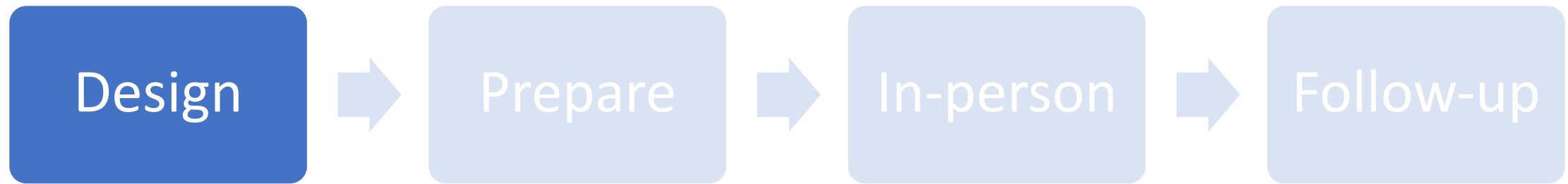
Design Call #2 | Midwest Regional Workshop

Agenda

5:00 / 4:00

- Attendance and agenda
- Workshop model
- Proposed activity
- Discussion and selection
- Next steps/preparation
- Announcements
- End

Workshop Process | Step 1: Design



We begin by working with you to set up a timeline that suits your busy schedule, gather essential information about your SyS interests and system, and then design the workshop preparation and collaboration activities.

In this step, we ask you to...

- Provide availabilities for two web-meetings
- Complete an orientation assessment
- Participant in the two web-meetings

During our design work, we will consider issues such as...

- Priorities for your opioid SyS work
- Health or health-related indicators or outcomes of interests
- Reporting products
- Analyses and analytic tools
- Classifiers, processing methods, and protocols

Workshop Logic Model

Pre-workshop Inputs	In-Person Activities	Outputs (products)	Outcomes
☐ Jurisdictional SyS data assessment ☐ One or more SyS epidemiological practices to improve; e.g., opioid overdose or injury surveillance ☐ Preparation work; e.g., exchange classifiers, apply data to new visualizations, etc.	☐ Use and share real SyS ED visit data to collaboratively investigate and improve a mutually important SyS practice(s)	☐ Documented best or promising practices for using SyS for the epidemiological practice ☐ Lists of ways to improve analytic methods	• Increase SyS analytic skills • Increase skill with NSSP tools
✓ Participant expertise and interests	☐ Identify the current inclinations and hesitations their agencies have to greater SyS data use and sharing, and brainstorm solutions to high priority barriers ☐ Plan immediate actions or next steps to help one another advance SyS data sharing in their region	☐ List of benefits and prioritized barriers to SyS data sharing and use ☐ List solutions to high priority barriers ☐ List of action items in S.M.A.R.T format	• Enhance public health surveillance practice • Enhanced collaboration among the peer network of regional surveillance professionals

In-person Event Agenda

Day 1: Realize the value

3-part, guided data sharing activity for enhancing surveillance practice to address the opioid crisis using BioSense Platform tools and participant expertise

Realize value

1. Evaluate classifiers
2. Make surveillance products
3. Explore application/use

Appreciate value

1. The value is ____
2. With more we could ____
3. Readiness and solutions
4. Mini-project planning

Post-Workshop

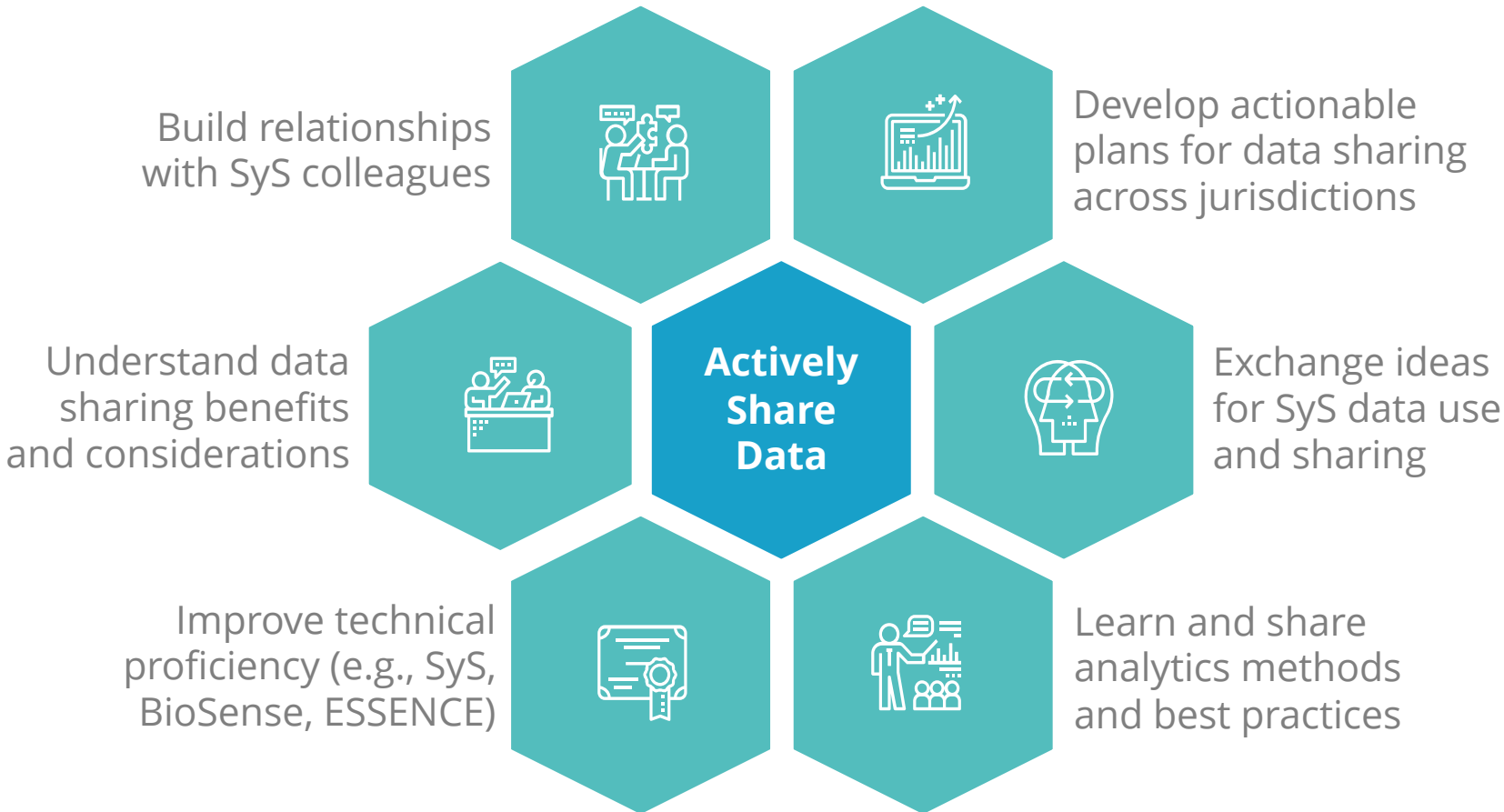
Follow-up virtual meeting to support advancement of collaborative mini-projects

Day 2: Appreciate the value

Dialogue and brainstorming to imagine what could be, and make plans for getting to greater data sharing benefits

Expectations

Common Goals for Workshop



Topics and Questions to Explore

- Sharing rules
- Working with sub regional partners
- Defining/sharing ESSENCE queries
- Assessing differences in underlying data characteristics
- Tools and visualizations to monitor trends
- Identifying at-risk populations/geographic areas
- Taking action from data insights
- Documentation methodologies
- NSSP reporting strategies
- Data presentation to non-Epi audiences
- Recent SyS innovations

In-person Event Agenda

Day 1: Realize value

3-part, guided data sharing activity for enhancing surveillance practice to address the opioid crisis using BioSense Platform tools and participant expertise

Realize

1. Improve technical proficiency (e.g., SyS, BioSense, ESSENCE)

2. Make surveillance products

3. Learn and share analytics methods and best practices

Exchange ideas for SyS data use and sharing

Understand data sharing benefits and considerations

Day 2: Appreciate value

Dialogue and brainstorming to imagine what could be, and make plans for getting to greater data sharing benefits

Appreciate

Build relationships with SyS colleagues

1. The value is ____

2. Develop actionable plans for data sharing across jurisdictions

3.

4. Mini-project planning

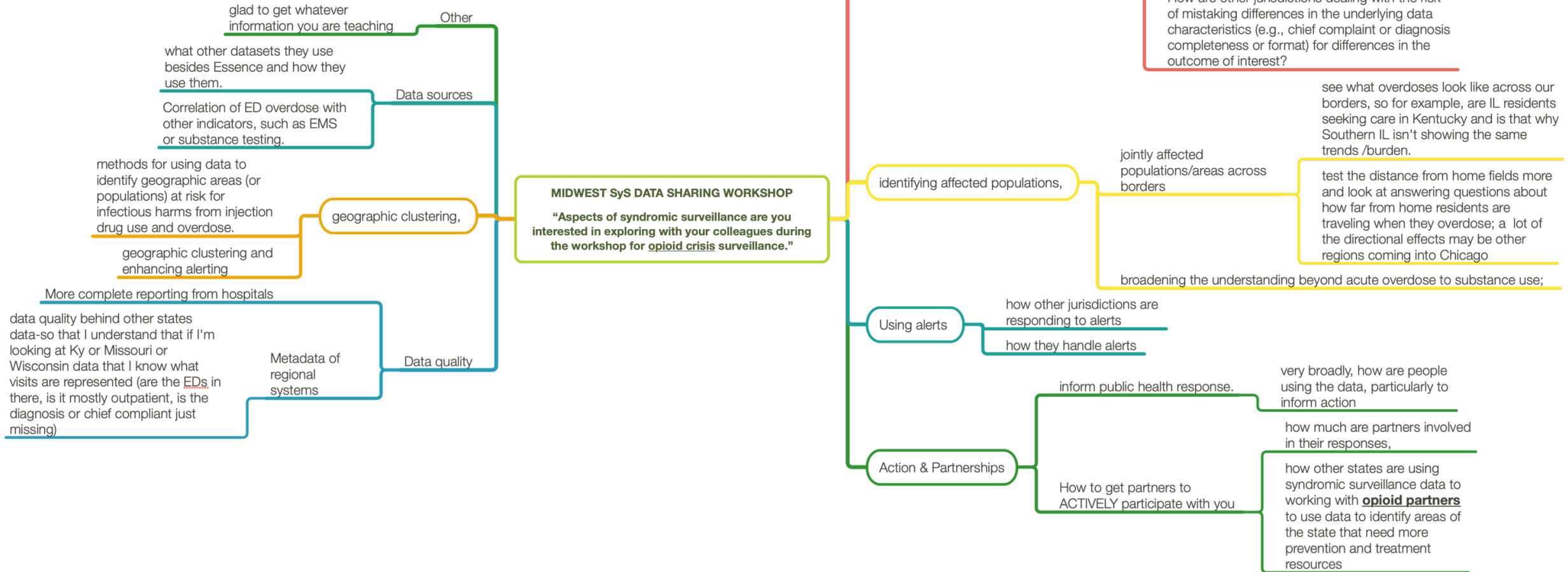
Post-workshop

Follow-up virtual meeting to support advancement of collaborative mini-projects

Proposed activity, discussion and decision

Day 1 data sharing activity

Interests | Opioid Surveillance



Proposed Midwest Data Sharing Activity

Evaluate and visualize opioid crisis syndromes, and explore utilization practices

Using BioSense Platform tools (e.g., AMC, ESSENCE, etc.), work in four, small groups (~5 people) to evaluate and improve syndrome classifiers, and then apply those to analyses and visualizations that provide useful opioid crisis surveillance information.

Groups will be assigned to ensure equal distribution of SyS experience and skill. Every effort will be made to create groups with shared geographic borders.

CDC SMEs will be available to assist, collaborate and learn.

Part 1: Classifier evaluations

On a set of shared ED Visit data, use SyS CoP guidance to assess/evaluate four syndrome classifiers



Part 2: Analytics and visualizations

Create Dashboards for examining temporal and spatial trends, descriptive population characteristics.



Part 3: Alerting and use

Create MyAlerts and devise approaches to working with partners for prevention and resource allocation



Proposed Midwest Data Sharing Activity

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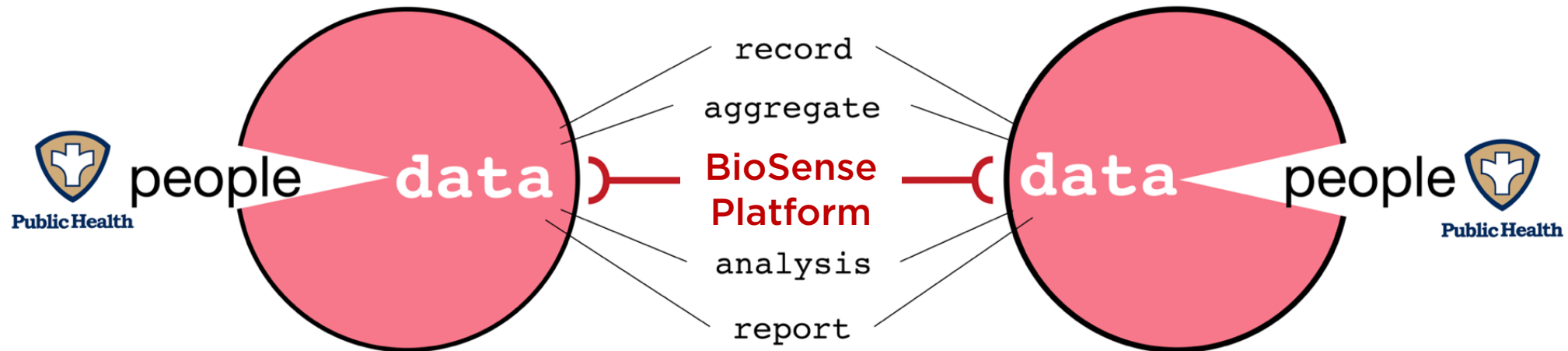
Create MyAlerts and devise approaches to working with partners for prevention and resource allocation



“Data Sharing”

The benefits of sharing syndromic surveillance data include: Strengthening health security, building public health surveillance capacity, and informing new and more effective public health interventions. For this workshop, we shall define data sharing as providing another governmental authority with access and permission to utilize either line/record or aggregate-level emergency department visit data for public health purposes.

experience insight solutions



Authorized people share public health data through a medium (e.g., BioSense Platform). Those data may be shared at different levels of granularity ranging from a patient record (most granular) to a report (least granular). This sharing is most beneficial and useful when the parties routinely exchange epidemiological experiences, insights and solutions.

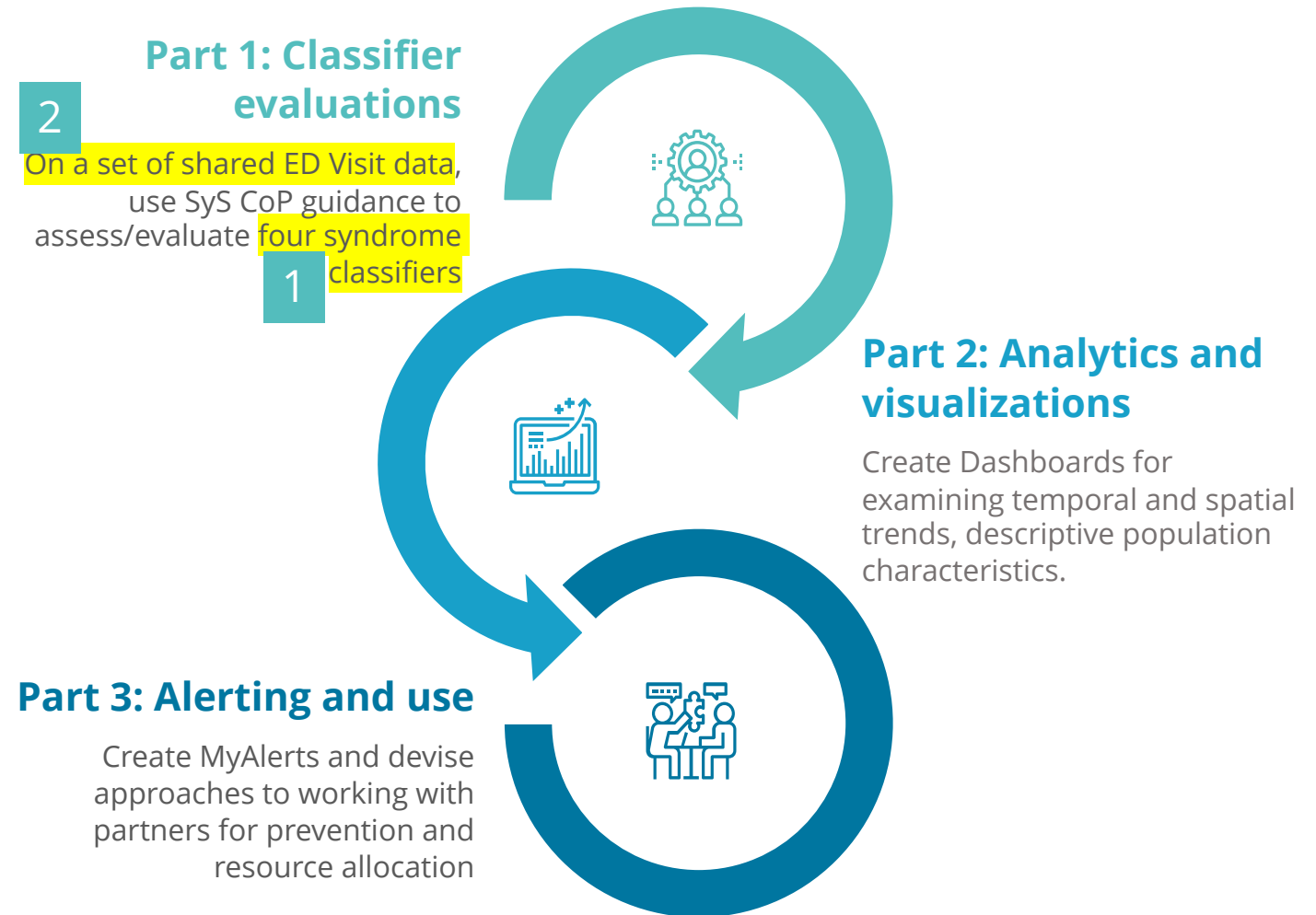
2 Decisions Midwest Data Sharing Activity

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Decision 1 Midwest Data Sharing Activity

Options

- i. All Drug Overdose
- ii. Opioid Overdose
- iii. Herion Overdose
- iv. Marijuana
- v. Stimulants
- vi. Suicide
- vii. Others?

Part 1: Classifier evaluations

On a set of shared ED Visit data, use SyS CoP guidance to assess/evaluate **four syndrome classifiers**



Part 2: Analytics and visualizations

Create Dashboards for examining temporal and spatial trends, descriptive population characteristics.



Part 3: Alerting and use

Create MyAlerts and devise approaches to working with partners for prevention and resource allocation



Decision 2 Midwest Data Sharing Activity

Shared Data Options

- i. Patient location with full data details
- ii. Facility location with full data details
- iii. Patient location with aggregate details
- iv. Facility location with aggregate details
- v. Other

Part 1: Classifier evaluations

On a set of shared ED Visit data, use SyS CoP guidance to assess/evaluate four syndrome classifiers



Part 2: Analytics and visualizations

Create Dashboards for examining temporal and spatial trends, descriptive population characteristics.



Part 3: Alerting and use

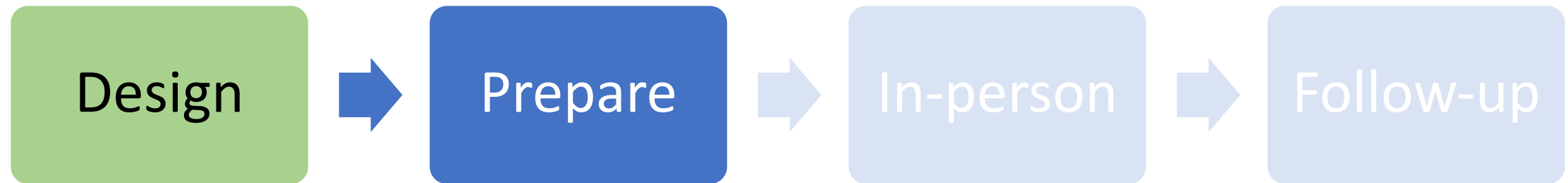
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Next Steps and Announcements

Marcus Rennick and Hayleigh McCall

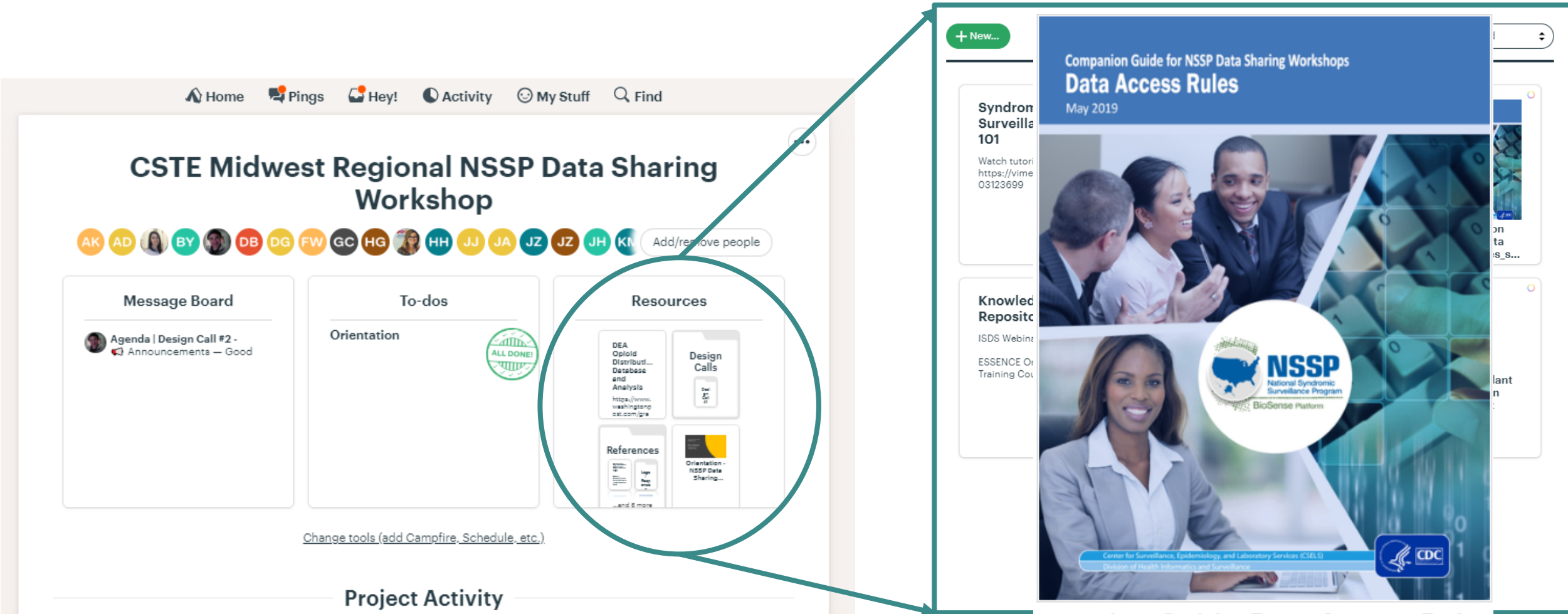
Workshop Process | Step 2: Prepare



Pre-workshop homework:

1. Set-up sharing rule with the Midwest collaboration group in the BioSense AMC
 - *Schedule time with Max or Reid at CDC to configure rule, as needed*
2. Provide information on SyS system and legal authorities
3. Complete the pre-workshop skills assessment
4. Review reference materials (posted to BaseCamp)

Resources | BaseCamp



The screenshot displays a BaseCamp project workspace for the "CSTE Midwest Regional NSSP Data Sharing Workshop". The top navigation bar includes links for Home, Pings, Hey!, Activity, My Stuff, and Find. Below the navigation, the project title is prominently displayed. A row of participant avatars is shown, followed by a section with three main panels: Message Board, To-dos, and Resources. The Resources panel is circled in green, and a callout provides a detailed view of its contents. The Message Board shows an agenda item for a design call. The To-dos section has an "Orientation" task marked as "ALL DONE!". The Resources panel lists various documents and links, including a design call, references, and orientation materials. A callout box on the right provides a detailed view of the "Resources" section, showing a list of items with icons and descriptions, including a "Companion Guide for NSSP Data Sharing Workshops Data Access Rules" and a "Syndromic Surveillance 101" video. The callout also features a "Known Repositories" section with links to ISDS Webinars and ESSENCE Online Training. The bottom of the callout shows the NSSP logo and the CDC logo.

Home Pings Hey! Activity My Stuff Find

CSTE Midwest Regional NSSP Data Sharing Workshop

AK AD BY DB DG FW GC HG HH JJ JA JZ JH KM Add/remove people

Message Board

Agenda | Design Call #2 - Announcements — Good

To-dos

Orientation ALL DONE!

Resources

- DEA Opoid Distribut... Database and Analysis
<https://www.washingtonpost.com/gre>
- Design Calls
- References
- Orientation - NSSP Data Sharing...
- and 8 more

[Change tools \(add Campfire, Schedule, etc.\)](#)

Project Activity

+ New...

Companion Guide for NSSP Data Sharing Workshops Data Access Rules

May 2019

Syndromic Surveillance 101

Watch tutorial
<https://vimeo.com/3123699>

Known Repositories

ISDS Webinars

ESSENCE Online Training Course



Center for Surveillance, Epidemiology, and Laboratory Services (CSELS)
Division of Health Informatics and Surveillance



Next Steps: Prepare and

1. Share data with MW Group using AMC
 2. Respond to assessments
 3. Review reference materials
- Bring your laptop!
 - Recommended attire:
 - Analysis Comfort, Smart Casual, Casual Business

Cook County Office Building
22nd Floor
69 W Washington St, Chicago, IL

