

# Developing initiative with foundational assets

## Moderator

Charlie Ishikawa, President and Principal, Kahuina Consulting

## Presenters

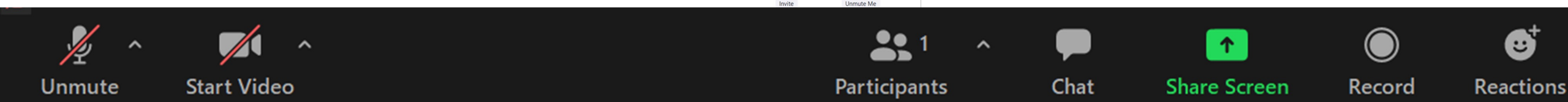
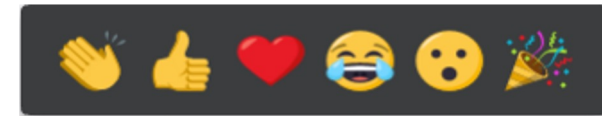
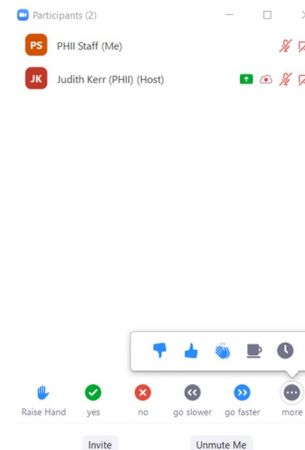
Jennifer Layden, Associate Deputy Director for Public Health Science and Surveillance, CDC

Vivian Singletary, Director, Public Health Informatics Institute

Better data. Better decisions. Better health.

# Finding your way around Zoom

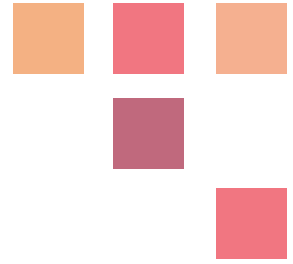
- The audience is muted, type your questions into the chat or use reactions to communicate with panelists.



# Next Speaker

## Vivian Singletary

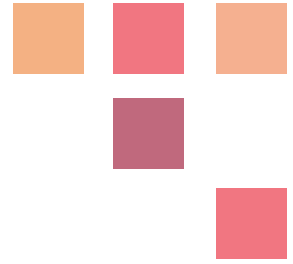
Director of the Public  
Health Informatics  
Institute



# Next Speaker

## Dr. Jen Layden

Associate Deputy  
Director for Public  
Health Science and  
Surveillance, Centers  
for Disease Control  
and Prevention



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# Developing Initiative with Foundational Assets

**PHII Data Modernization Workshop**  
**May 24, 2022**

**Jennifer Layden, MD, PhD**

CDC Associate Deputy Director for Public Health Science and Surveillance



IN PUBLIC HEALTH

WE CAN'T DO ANYTHING WITHOUT

**SURVEILLANCE.**

*That's where public health begins.*

— *David Satcher, Former CDC Director*

# Ideas to Focus On

1



Not just building systems

**building trust**

2



Keeping the

**end goal**

In mind



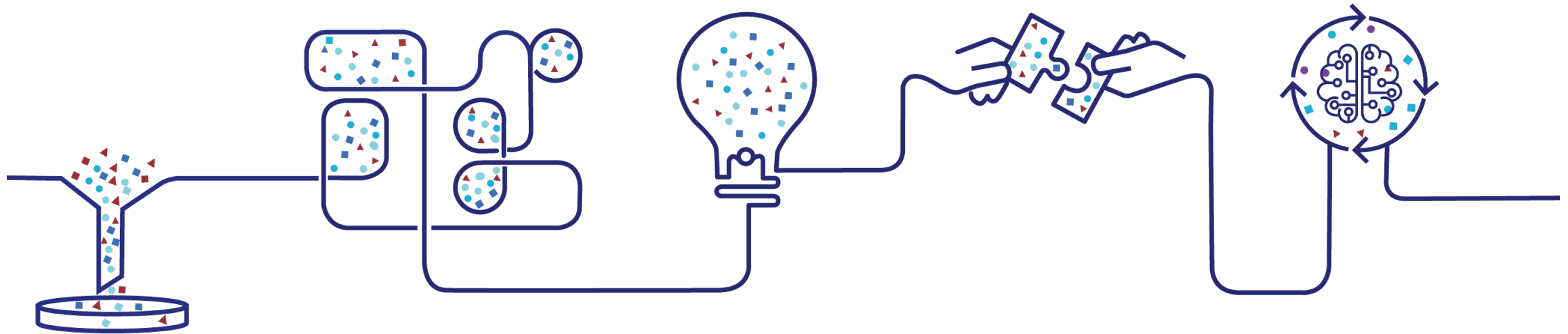
# Keep the **END GOAL** in Mind



DMI provides the picture of where we're going.



# DMI Priorities



## Build the right foundation

Decreased burden on reporters

Free up staff time to focus on prevention and control

Faster data for detecting emerging threats at all levels of public health

## Accelerate data into action

Better data integration, visualization

Robust forecasting / modeling

Response-ready platform

## Develop a state-of-the-art workforce

Identify, recruit, and retain experts to generate meaningful public health insights

## Support + extend partnerships

Better / more timely access to data within and across ecosystem

Common tools to support STLT partners

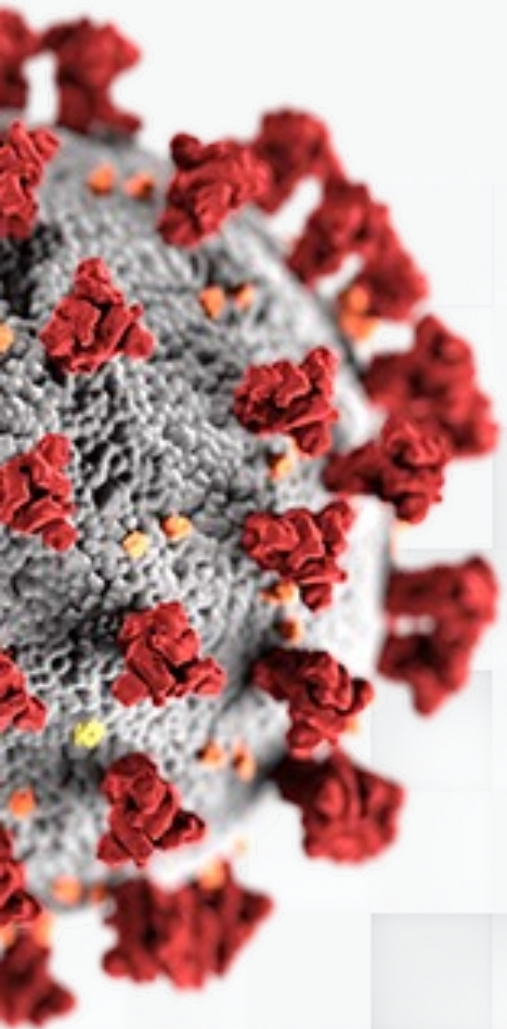
## Manage change + governance

Adaptive, agile approaches

Collaboration

Improved acquisition

# We are in a different place than we were before the pandemic



## Monitoring Disease Burden

### DATA COLLECTED

**Electronic Lab Reports**

**813M** COVID-19 Tests

**Case-Based Disease Surveillance**

**79M** Case Reports

**Emergency Department Visits**

**7.4M** COVID-19 ED Encounters

**Immunization Records**

**551M** vaccinations administered

**Virus Genomics Data**

**2.1M** published sequences

**Healthcare Data**

**140TB** of clinical and administrative data

**Hospitalization Data**

**4.6M** total admissions

# Goals to accomplish next



**Putting together  
the building  
blocks for the  
north star**

**Applying  
standards and  
reimagining  
policies**



**Growing a  
public health  
workforce**

**Ensuring health  
equity in  
everything we  
do**



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## Questions to ask yourself:

- 1. What is the problem you're trying to solve?***
- 2. How will your data create better health in our communitiies?***



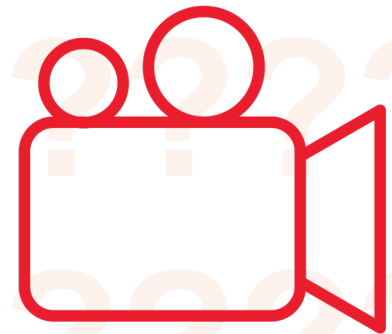
# Questions and answer



**Post in the chat**

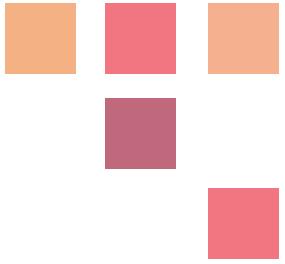


**Raise your hand**

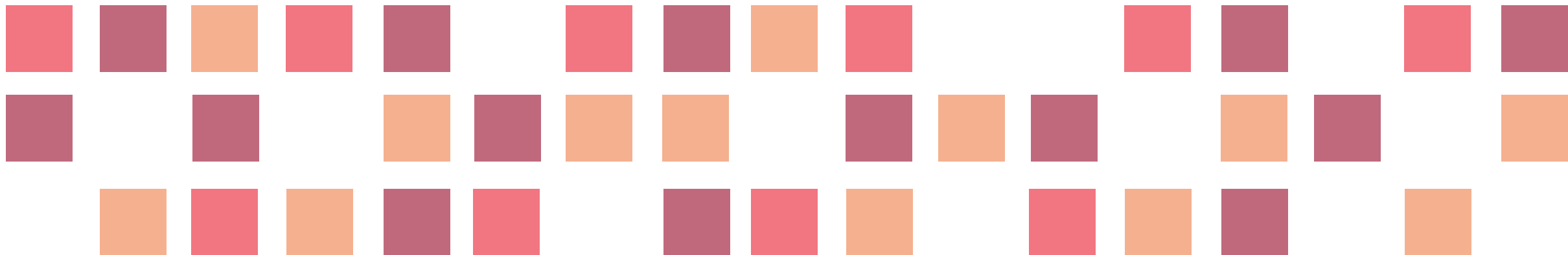


**Turn on your video**

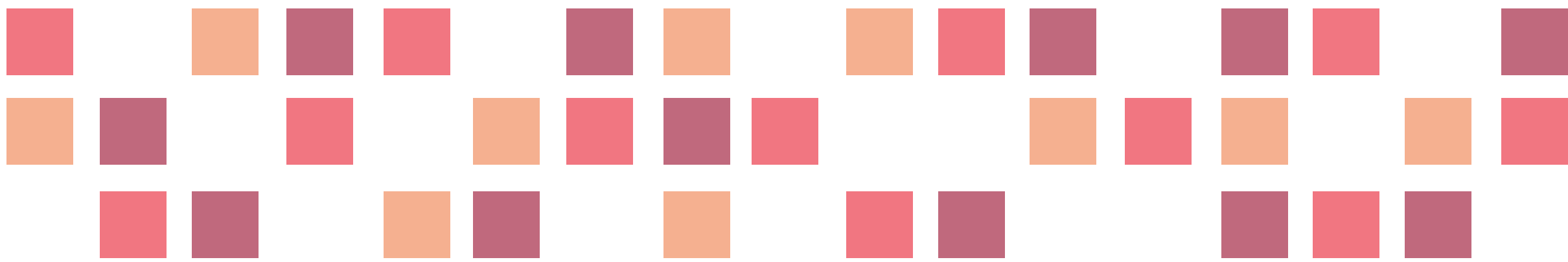
# Next Steps



- Post additional questions on Circle - link provided in the chat
- Stay here for Common grounds networking break 12:15– 12:35 PM ET
- Next session 12:35 – 1:35 PM ET
  - *Campfire sessions*



Thank you.



Better data. Better decisions. Better health.