CDC Update

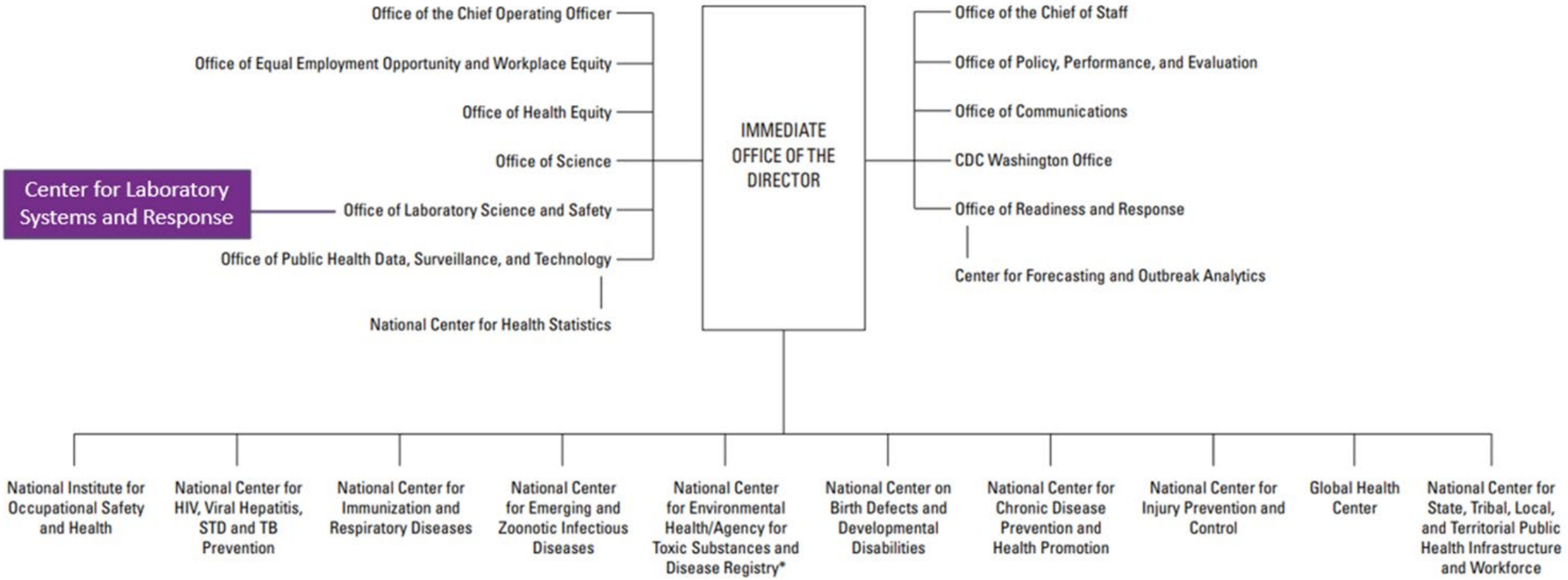
Collette Fitzgerald, PhD
Deputy Director for Science
Division of Laboratory Systems
Center for Laboratory Systems and Response

CLIAC Fall Meeting 2023

CDC MOVING FORWARD

Department of Health and Human Services

Centers for Disease Control and Prevention (CDC)



Last updated February 23, 2023

*ATSDR is an OPDIV within DHHS but is managed by a common director's office.

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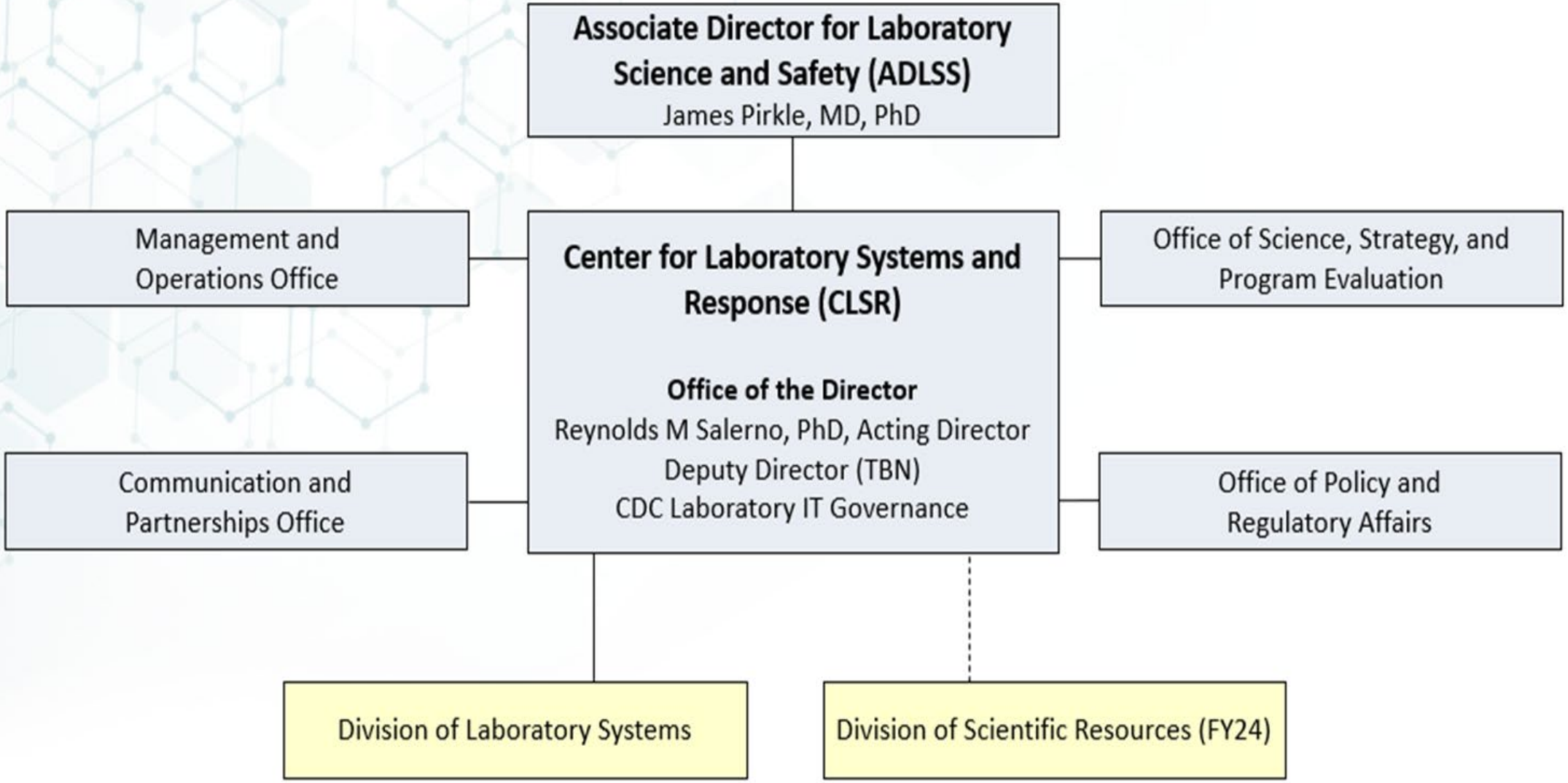
U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

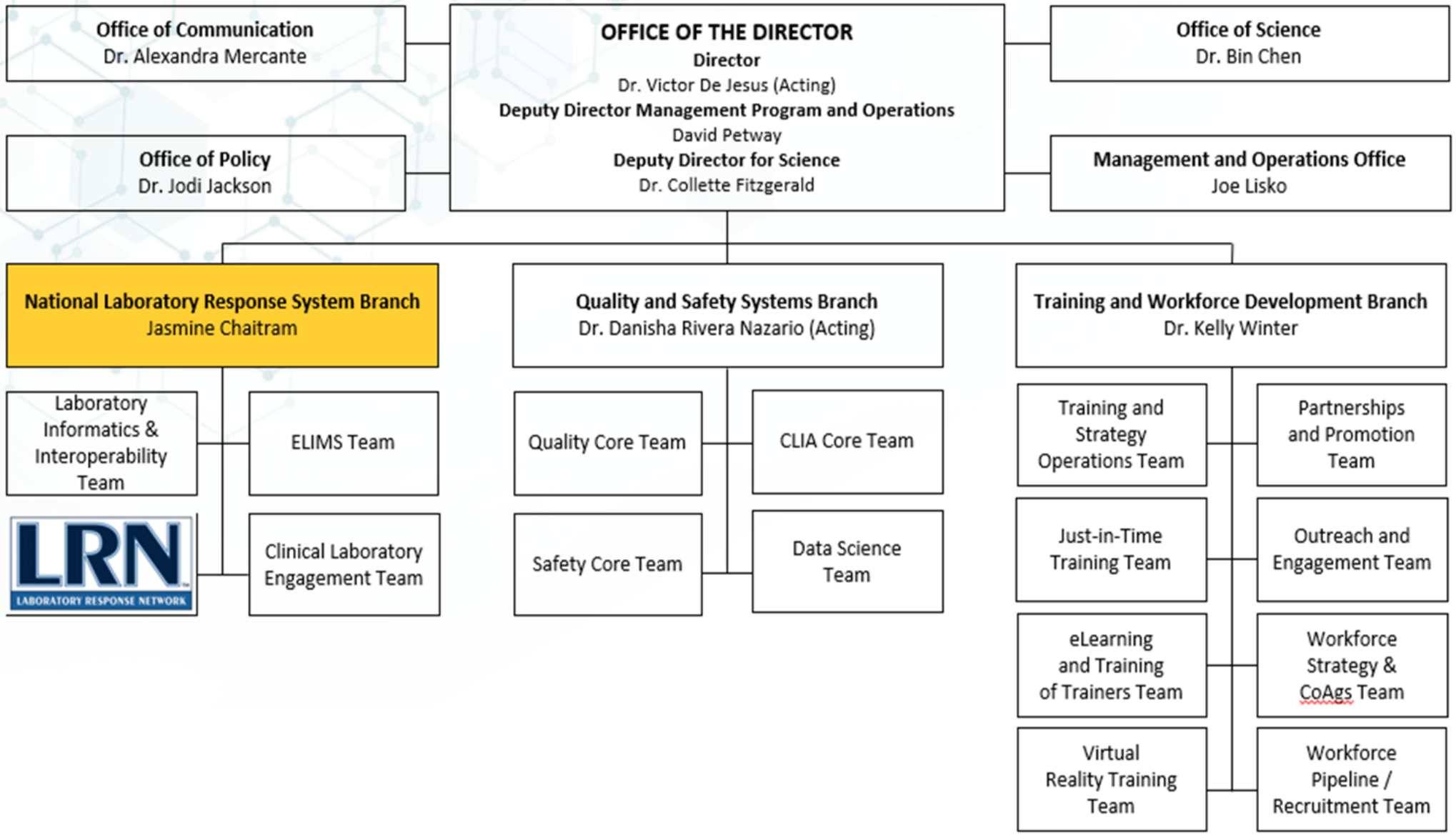

Associate Director for Laboratory Science and Safety (ADLSS)
James Pirkle, MD, PhD
Management and Operations Office
Center for Laboratory Systems and Response (CLSR)
Office of the Director
Reynolds M Salerno, PhD, Acting Director
Deputy Director (TBN)
CDC Laboratory IT Governance
Office of Science, Strategy, and Program Evaluation
Communication and Partnerships Office
Office of Policy and Regulatory Affairs
Division of Laboratory Systems
Division of Scientific Resources (FY24)

CDC Director's Focus Areas

- Identifying and responding to public health threats, including preparing for outbreaks of respiratory viruses (e.g., COVID-19, influenza, RSV)
- Addressing addiction and mental health
- Improving the health of young families, focusing on women's reproductive health, maternal health, and child health

CDC MOVING FORWARD

LABORATORY PREPAREDNESS AND RESPONSE


Office of Communication
Dr. Alexandra Mercante
Office of Policy
Dr. Jodi Jackson
OFFICE OF THE DIRECTOR
Director
Dr. Victor De Jesus (Acting)
Deputy Director Management Program and Operations
David Petway
Deputy Director for Science
Dr. Collette Fitzgerald
Office of Science
Dr. Bin Chen
Management and Operations Office
Joe Lisko
National Laboratory Response System Branch
Jasmine Chaitram
Laboratory Informatics & Interoperability Team
ELIMS Team
LRN
LABORATORY RESPONSE NETWORK
Clinical Laboratory Engagement Team
Quality and Safety Systems Branch
Dr. Danisha Rivera Nazario (Acting)
Quality Core Team
CLIA Core Team
Safety Core Team
Data Science Team
Training and Workforce Development Branch
Dr. Kelly Winter
Training and Strategy Operations Team
Partnerships and Promotion Team
Just-in-Time Training Team
Outreach and Engagement Team
eLearning and Training of Trainers Team
Workforce Strategy & CoAgs Team
Virtual Reality Training Team
Workforce Pipeline / Recruitment Team

Request for Information (RFI): Public-Private Partnerships to Support Surge Testing

- **Background**: To improve efficiency of large volume testing prior to and during emergency testing
- **Purpose**: To ascertain the level of interest of private sector laboratories to inform and establish pre-event collaborations
- **Objective**: To understand the type of support, cost, and resources needed to provide test development support and surge diagnostic testing prior to and during a PHE.
  - Determine best methods to execute these arrangements

- RFI QR Code for more detailed information and requirements

Open Dates:
Oct. 10 – Nov. 3, 2023

Request for Information (RFI): Public-Private Partnerships to Support Test Development and Production

- **Background**: To improve efficiency of rapid test development, technology transfer, and validation prior to a public health emergency, and to enable rapid test manufacture during a response.
- **Purpose**: To ascertain the level of interest of private sector test developers to inform and establish pre-event collaborations
- **Objective**: To understand the type of support, cost, and resources needed to enhance diagnostic test production capacity prior to and during a PHE.

RFI QR Code for more detailed information and requirements

Open Dates:
Oct. 31 – Nov. 15, 2023

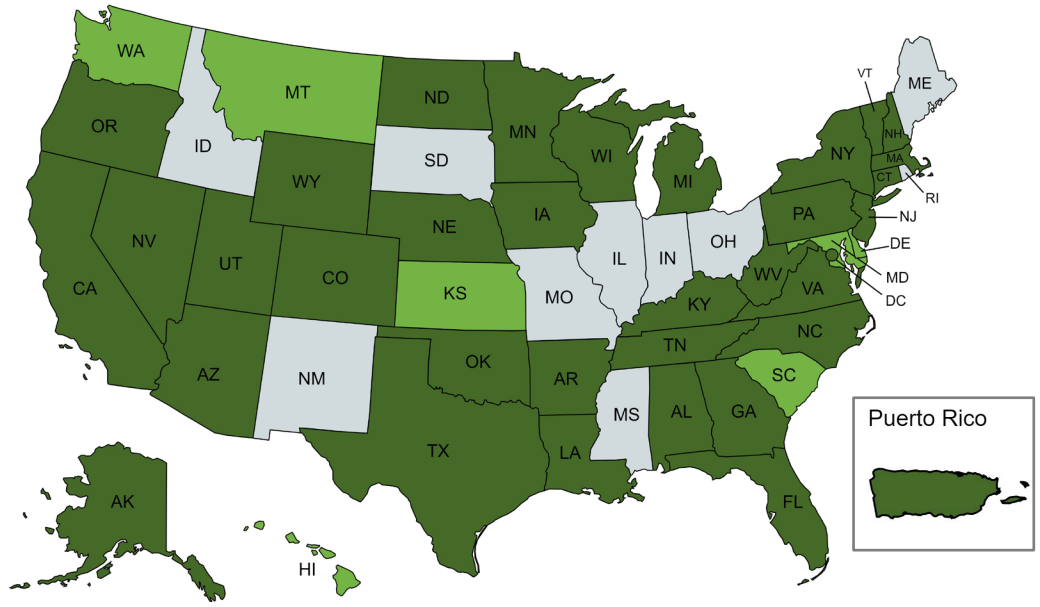
LABORATORY QUALITY AND SAFETY

ECHO Biosafety Program

- **Ten** ECHO sessions have been conducted since January 2023
- Discussion topics include
  - Decontamination of Laboratory Equipment
  - PPE Use (What, Who, Why, When, and How)
  - Laboratory Acquired Infections
  - Biosafety Challenges in Alaska
  - Safety Challenges with Specimen Collection, Transport, Accessioning, and Storage
  - Quality in Biosafety

CDC Centers for Disease Control and Prevention | UNM Health Sciences | Project ECHO

Organization Affiliation by State – Jan. to Sept. 2023



www.cdc.gov/safelabs/resources-tools/echo-biosafety.html

CDC International Symposium on Biosafety

March 10-14, 2024

Crowne Plaza Ravinia, Atlanta, GA

The symposium will provide sessions about modernizing biosafety operations and practices, focused on the areas of Clinical Care, Public Health, Research, and Animal Care

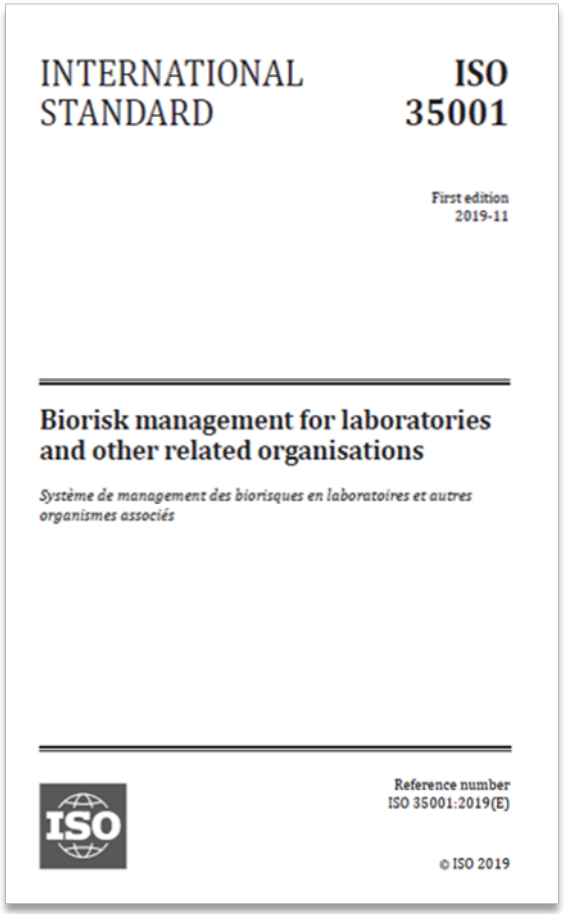
https://www.eagleson.org/conferences/cdc-international-biosafety-symposium/

Implementation of ISO 35001:2019

Purpose: Develop a strategy, provide guidance, and support the implementation and use of a biorisk management system in accordance with ISO 35001:2019

Results to Date: Two PHLs (New Hampshire, Virginia) have completed a one-year pilot study to implement ISO 35001 in their laboratories

Impact: Implementation of ISO 35001 helps facilities improve their internal processes to reduce incidents, accidents, infections, and illnesses that may result from laboratory operations


INTERNATIONAL STANDARD

ISO 35001

First edition
2019-11

Biorisk management for laboratories and other related organisations

Système de management des biorisques en laboratoires et autres organismes associés

ISO

Reference number
ISO 35001:2019(E)

© ISO 2019

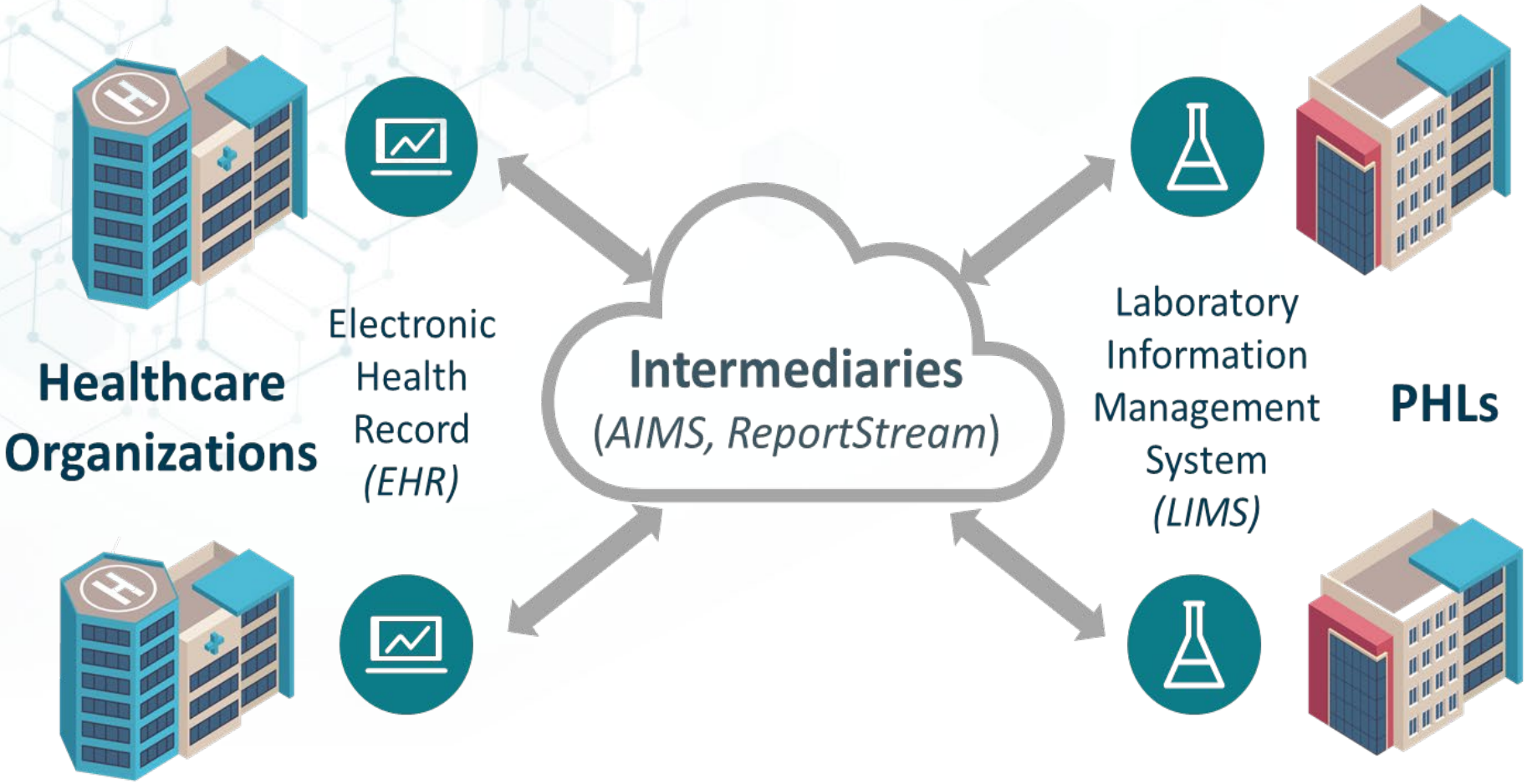
Million Hearts Collaboration

Cardiovascular Disease Risk Reduction in a Medically Underserved Population

- Collaborating with a federally qualified health center and a major clinical reference laboratory to develop messaging to patients and healthcare providers about hypercholesterolemia to prompt appropriate diagnoses and follow-up using lab reports, patient portals, and public service announcements
- Evaluating processes, outcomes, and challenges within a medically underserved community, commencing in 2024
- Partnering with CDC Division of Heart Disease and Stroke Prevention, National Association of Community Health Centers, and the Million Hearts Initiative™

LABORATORY INFORMATICS

Public Health Laboratory (PHL) Electronic Test Orders and Results (ETOR) Initiative

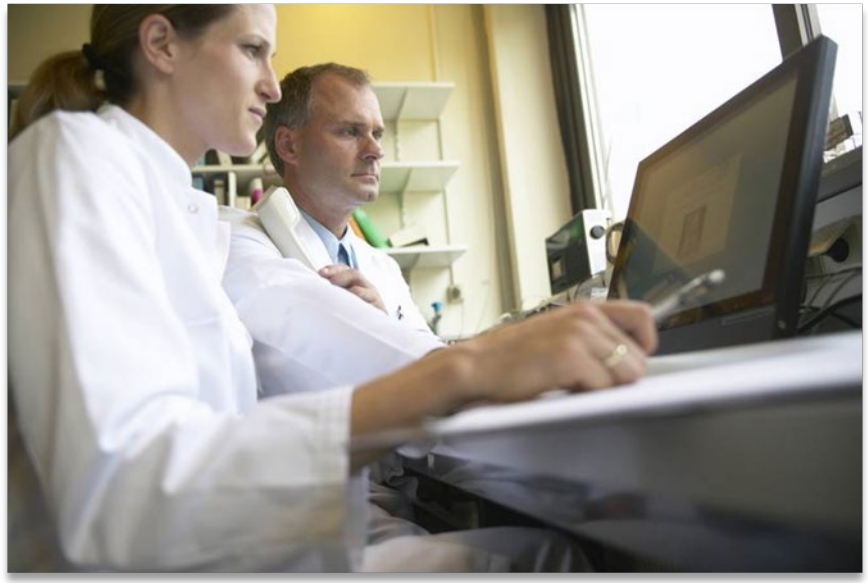


https://www.cdc.gov/csels/dls/public-health-laboratory-etor.html

Enterprise Laboratory Information Management System (ELIMS)

CDC ELIMS has Electronic Laboratory Reporting (ELR) functionality to send results directly to State Partners

- 26 CDC laboratories are “live” with HL7 ELR
- ELIMS sends ELR to 15 states, and an additional 6 are in progress



United States Core Data for Interoperability (USCDI)

- ONC's USCDI is a standardized set of health data classes and elements for exchanging health information across the United States
- USCDI is an important policy to improve Laboratory Data Interoperability
- DLS collaborates with CDC programs to submit laboratory data elements to USCDI

https://www.healthit.gov/isa/united-states-core-data-interoperability-uscdi

LABORATORY TRAINING AND WORKFORCE DEVELOPMENT

OneLab Is The Story of Growth

OneLab experienced **290% membership** growth in FY23, now totaling over **12,000 unique members**!

OneLab Resources

- OneLab live events draw in over **400 attendees** on average, and the materials have been downloaded over **8,900 times**
- OneLab training materials – eLearning and VR courses, job aids, webinars, videos, etc. – attracted over **171,000 registrations** in FY23

OneLab REACH™ — **11,000+ learners** with an average of over **800 new learners** per month

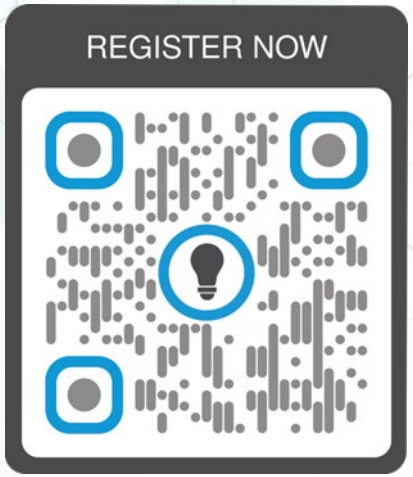
OneLab Network — **6,000+ members** with an average of over **280 new members** per month

OneLab TEST — **2,000+ members** with an average of over **400 new members** per month

New Training Courses on OneLab REACH™

Register for our new courses on OneLab REACH!

REGISTER NOW



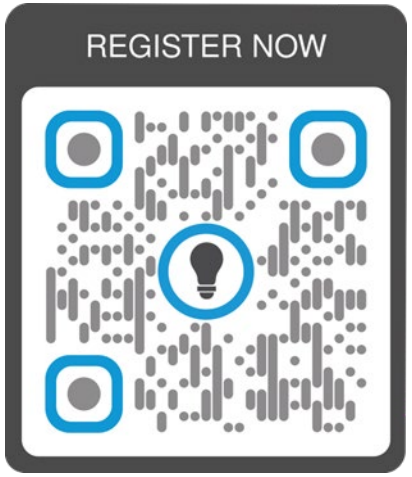
Fundamentals of Methylene Chloride Safety

P.A.C.E.® credit, 1 Hour(s)

Fundamentals of Laboratory Safety

P.A.C.E.® credit, 1.5 Hour(s)

REGISTER NOW



Fundamentals of Communicating the Hazards of Laboratory Chemicals

P.A.C.E.® credit, 1 Hour(s)

OneLab VR Release

First on-demand training scenario launched in October: Packing and Shipping Dangerous Goods

Updates to virtual laboratory: Multiplayer with voice chat, intuitive wrist menu, accessibility features for individuals with disabilities

Explore OneLab VR

To suggest training topics or apply for VR dissemination program, email vr@cdc.gov.

Rescheduled: OneLab Summit moved to April 2024

Registration is open for the next OneLab Summit!

New dates: April 16-18, 2024

Thrive: People, Planning, Preparedness

OneLab Summit is a free, annual virtual event that connects laboratory professionals in real time to support a unified response to laboratory education and training needs

OneLab Summit attendees will

- Increase their knowledge of laboratory training development tools and practices
- Gain insights from the clinical and public health laboratory community's success and resilience
- Collaborate and connect with CDC and laboratory education and training peers

PARTNERSHIP, COMMUNICATION, AND OUTREACH

Clinical Laboratory Partners Forum

Recent Meeting in September 2023

- Discussed the laboratory's role in addressing health equity challenges
- Presentations from CDC, ASCP, and CAP

Discussion Questions:

- What programs are in place in your organizations to achieve health equity?
- How can we work together to achieve desired health equity goals?

http://www.cdc.gov/csels/dls/strengthening-clinical-labs/clin-lab-partners-forum.html

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

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