CDC's Division of Laboratory Systems:

Laboratory Workforce Development Update

Renée Ned-Sykes, MMSc, PhD
Acting Workforce Team Lead
Training and Workforce Development Branch

CLIAC Meeting
April 10, 2018

Excellent Laboratories, Outstanding Health

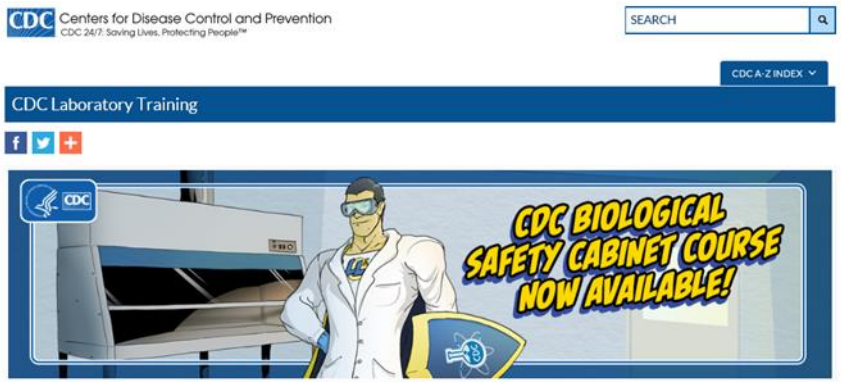
TRAINING AND WORKFORCE DEVELOPMENT

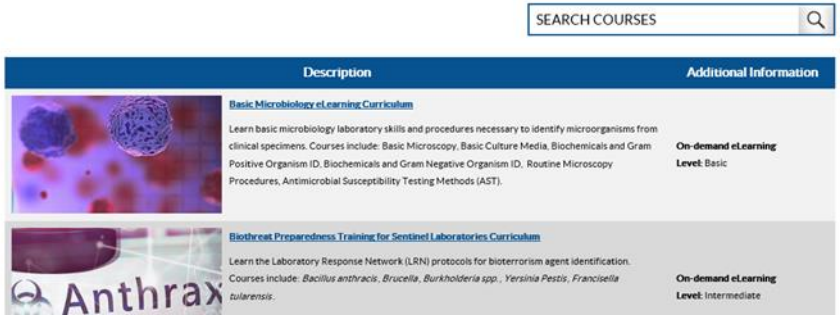
Portfolios of Work (Highlights)

- Training Activities
  - Training Courses/Webinars
- Workforce Activities
  - Laboratory Competency Application
  - Workforce Assessment of Laboratory Communities (WALC)

CDC Laboratory Training

- **In FY2017**
  - 34 publicly available eLearning courses
  - 84 in-person workshops

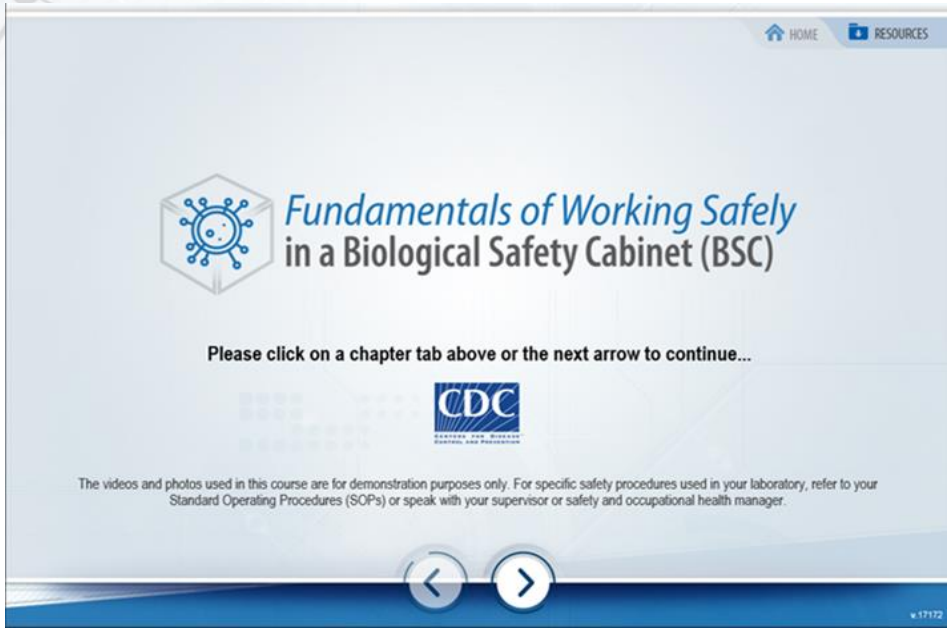




- Join the **Laboratory Training Group** in CDC TRAIN

http://www.cdc.gov/labtraining

Public Release of Laboratory Safety Training



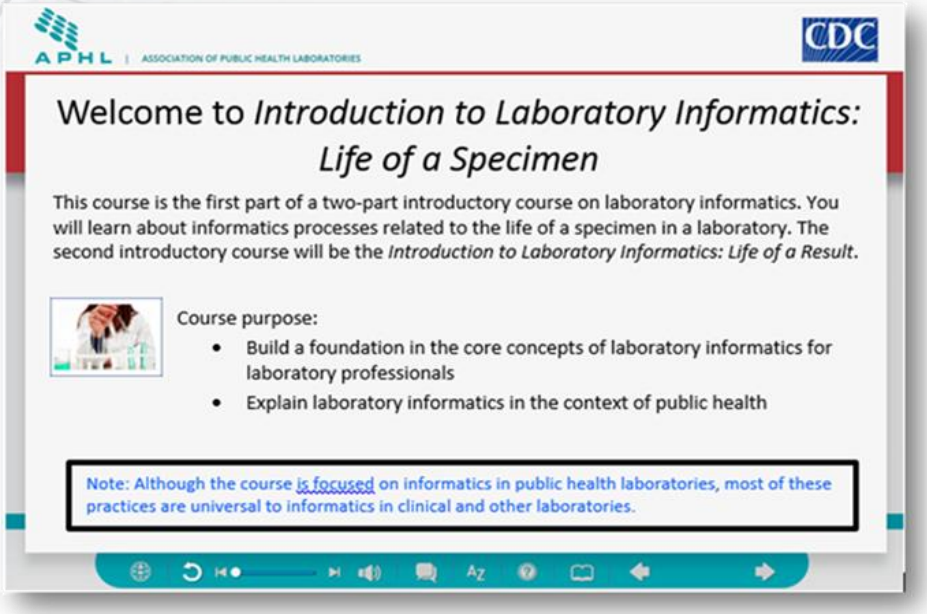
Biosafety cabinet eLearning course publicly released in 2017

- Completions: 1900
- Pre/Post Average: 74% and 94%
- Course Rating: 4.61 out of 5

Next courses to be released:

- Centrifuge Safety (Summer 2018)
- Fundamentals of Working Safely in a Chemical Fume Hood (Fall 2018)

New Effort in Laboratory Informatics Training



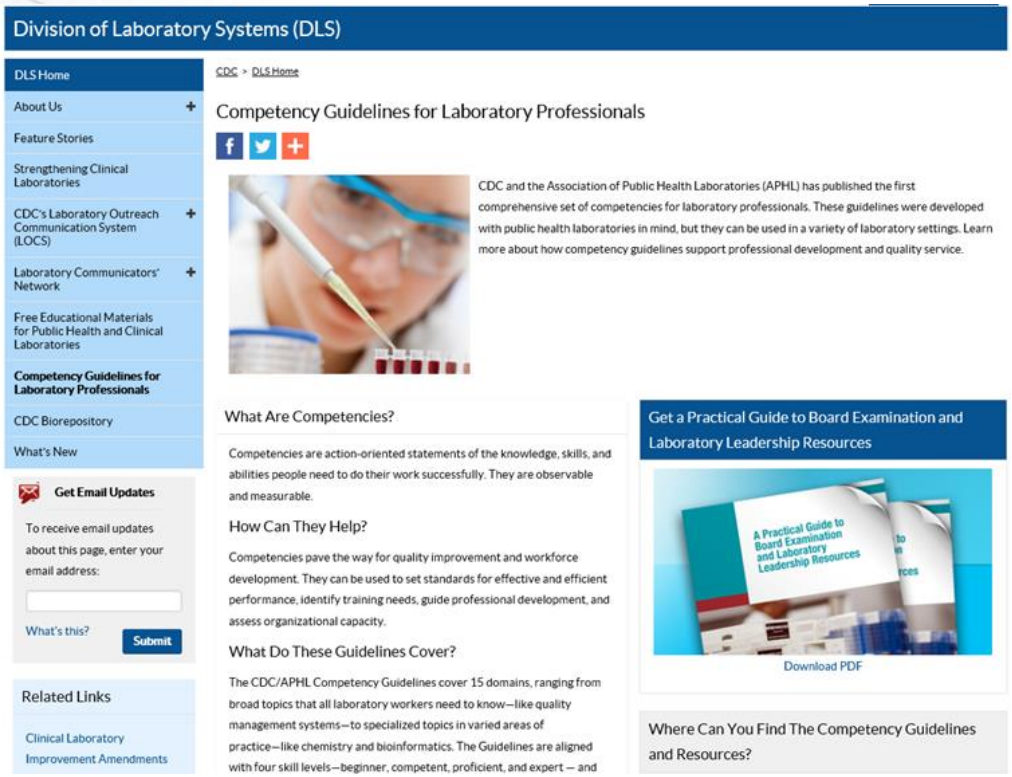
❖Development of eLearning modules
❖Trainings outline informatics capabilities, standards, and terminology that apply to both public health and clinical laboratories

- 3 Courses to be released in 2018:
  - Introduction to Laboratory Informatics: Life of a Specimen (July)
  - Introduction to Laboratory Informatics: Life of a Result (July)
  - Introduction to LIMS and Other Information Systems (Dec)

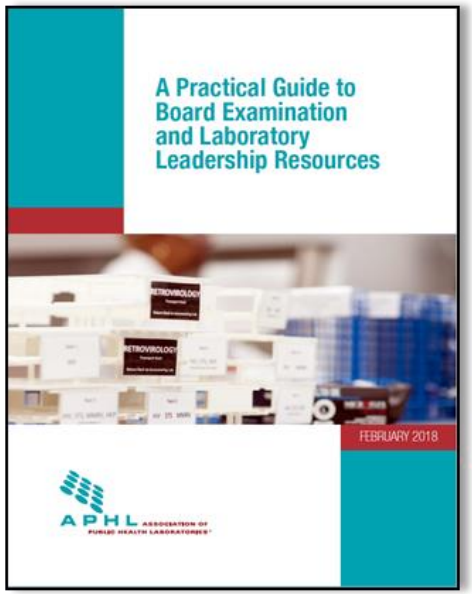
Portfolios of Work (Highlights)

- Training Activities
  - Training Courses/Webinars
- Workforce Activities
  - Laboratory Competency Application
  - Workforce Assessment of Laboratory Communities (WALC)

Laboratory Competency Guidelines



- Working with APHL on tools and resources to aid implementation



http://www.cdc.gov/labcompetencies

The Workforce Assessment of Laboratory Communities (WALC)

New Initiative!

- Identify the critical training and workforce development needs in the public health lab and clinical lab communities
- Generate feedback on DLS resources, including *Laboratory Competency Guidelines* uptake and applicability
- Collaborate with partners to address gaps/needs in laboratory training and workforce development

Clinical Laboratory Partnership Forum

Partners are being engaged for the WALC

AACC Better health through laboratory medicine.

AAB American Association of Bioanalysts

ASCLS The American Society for Clinical Laboratory Science

ASCP American Society for Clinical Pathology

ACLA American Clinical Laboratory Association

api Pathology Informatics

APHL

American Society for Microbiology

Clinical and Laboratory Standards Institute®

CLMA Clinical Laboratory Management Association

College of American Pathologists

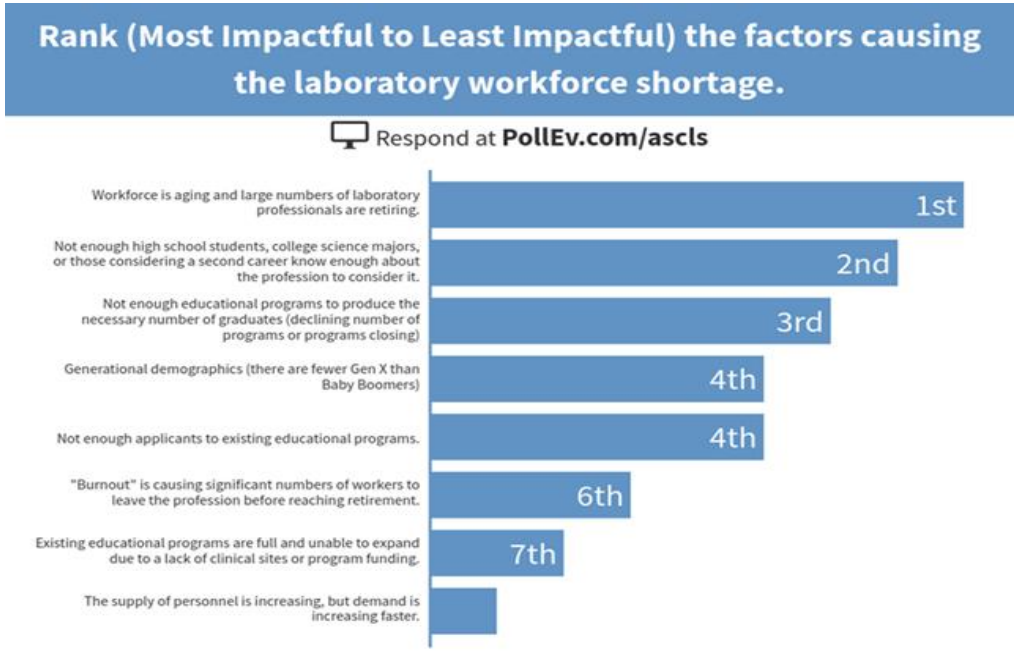
COLA® Accreditation. Education. Innovation.

The Society of American Federal Medical Laboratory Scientists 1971

The Joint Commission

Understanding the Current Workforce Development Landscape

- Nov 2017 meeting of the Clinical Laboratory Partnership Forum:
  - Gauged perceptions of workforce challenges (with J. Flanigan, ASCLS)
  - Data call



Discussion Questions

- How do we best assess workforce development needs and the gaps in meeting them?
- How can CDC, CMS, and FDA assist in filling needs in the areas of workforce development and training?

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

Images used in accordance with fair use terms under the federal copyright law, not for distribution.

Use of trade names is for identification only and does not imply endorsement by U.S. Centers for Disease Control and Prevention.

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of Centers for Disease Control and Prevention.