

## **CDC Learning Connection and CDC Train: Online Education from the CDC**

<https://www.cdc.gov/learning/>

<https://www.train.org/cdctrain/>

The CDC *Learning Connection* website states that it's for public health education and is obviously designed for people who work in public health and have a public health background. But there are also online education tools here for that we librarians can avail themselves of. And of course you may have customers working in public health or medicine or are studying for those professions. There are several places on the *Learning Connection* website where we can access these many, many sources of free online learning from CDC, other federal agencies, and CDC's federally funded partners such as state and city health departments.

The *Featured Learning Opportunities* are their currently training highlights

The *Hot Training Topic* on opioids has been the featured training for months now and will continue to be the featured training.

Let's look at homepage features –

### More from the CDC Learning Connection

 <b>ABOUT CDC LEARNING CONNECTION</b> Learn how CDC LC connects you to public health training.	 <b>E-LEARNING DESIGN</b> Use these tools to create high-quality e-learning products.
 <b>CDC FELLOWSHIPS</b> Locate public health training internships and fellowships.	 <b>QUICK-LEARN LESSONS</b> Limited time? Take these mobile-ready lessons in less than 20 minutes.
 <b>CONTINUING EDUCATION</b> Locate CDC's accredited courses and earn continuing education.	 <b>TRAINING RESOURCES</b> Access websites that offer public health learning opportunities.

About *CDC Learning Connection* contains a good summary of what *Learning Connection* does –

- Features training opportunities that align with current public health events and observances.
- Offers access to CDC’s training opportunities through [CDC TRAIN](#) .
- Makes it easy to locate CDC courses that offer continuing education (CE).
- Provides access to information about CDC internships and fellowships.
- Provides e-learning design tools and resources.
- Offers other training resources including a free [monthly e-newsletter](#) .

**Continuing Education** – there are three websites here from which we can access free accredited courses presented by CDC staff that comes with CE credits –

[Types of CE for Health Professionals](#)

#### CDC Laboratory Training



The [CDC Laboratory Training](#) website immediately connects you with an array of laboratory focused training to meet your career development or accreditation needs. Use the site to register for online courses, webinars, seminars, or hands on workshops. Courses are free and most offer P.A.C.E.® continuing education credit.

#### CDC TRAIN



 CDC TRAIN: [CDC TRAIN](#)  is CDC’s online learning system – offering access to thousands of public health training opportunities – many offer free CE. Sign-up for a free account, search for courses to meet your professional development needs, and manage your training transcript.

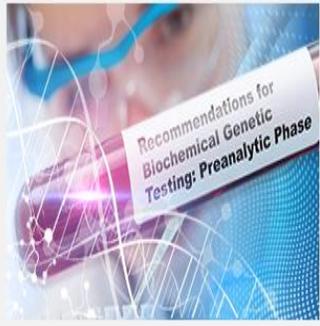
#### TCEO



Training and Continuing Education Online (TCEO): [TCEO](#) is a system that provides access to CDC training activities that offer CE, including live events. Use TCEO to register, complete course evaluations, receive your CE certificates, manage your CE transcript, and search for CDC training activities that offer CE.

**CDC Laboratory Training** (aka “CDC Lab”) is lab training from CDC staff only. Users have a choice of webinars or “eLearning” modules that include actual lab exercises.

Its home page currently has 17 training ops that CDC is featuring. When you open any of them you'll get additional information about them –



[Good Laboratory Practice Recommendations for Biochemical Genetic Testing: Preanalytic Phase](#)

Learn an overview of the quality practices in the preanalytic phase of biochemical genetic testing.

On-demand eLearning  
Level: Basic

 Register Now

 Delivery Method  
On-demand eLearning

 Length of Course  
1.5 Hours

 Sponsoring Agency  
CDC/APHL

 Credits Offered  
1.5

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Click “Register Now” and set up a free account or log in to your existing account to begin working through the eLearning modules or watch its webinar.

We'll return to *CDC Train*.

**TCEO (Training and Continuing Education Online)** is also online training from CDC staff that provides CE credits. You have to register for a free account to use it. In addition to webinar and eLearning it also includes live training. Here is its homepage –

- TCEO Home
- Search Courses
- Create Account
- 9 Simple Steps to Earn CE
- Frequently Asked Questions
- Contact TCEO

To find training ops click *Search*, then I suggest you next click *Browse* for an A–Z list; these are 68 courses for the letter “h” –

Course Type	Course Title and Description	Course Number
<b>Web on Demand</b>	<a href="#">Hand Hygiene, Glove Use, and Preventing Transmission of C. Difficile (Web on Demand)</a>  This activity is designed to close existing knowledge gaps in the healthcare population, which contr... <a href="#">View More</a>	WD2703
<b>Web on Demand</b>	 <a href="#">HCV Telemedicine Part II - New York, NY - March 19, 2018 - 3:00PM - 4:00PM (Web on Demand)</a>  The ELF telemedicine program is designed to develop network clinicians’ skills so that they can deli... <a href="#">View More</a>	WD2640-031918A

The key icon above is best explained by its FAQ entry –

▾ What is a Course Access Code?

A Course Access Code is used to ensure that the person earning continuing education (CE) has attended and completed the course. If your course includes a Course Access Code, it is typically located on a screen towards the end of the course content, or it may have been given to you by the course provider. Remember: The course provider is the only source for a Course Access Code.

Once you receive your Course Access Code, you will use it in Training and Continuing Education Online (TCEO) as proof of course completion and verification of attendance. In TCEO, a course that requires a Course Access Code will have a key icon. If your course requires a Course Access Code you will be prompted for it after clicking the continue button under the course summary. Access codes are case sensitive. Once you enter the code, the course will be added to your account and you will be able to take the evaluation and posttest. If you were provided a Course Code or Verification Code, please enter it in the Course Access Code box.

I would have had to sign in within TCEO to be able to enter my code number. Here is the reason TCEO uses this code: TCEO is an online CE *system* –

▼ What features are available to learners?

- Secure account creation and maintenance
- Searchable catalog of accredited courses and events
- Printable transcript of completed courses and events
- Printable continuing education certificates and statements of credit

Not every course require this key; CE trainers decide this.

Here are additional examples of TCEO courses –

<b>Web on Demand</b>	<a href="#">Becoming a Safe Injection Champion (Web on Demand)</a>	WD2901
	<p>This web on demand program is designed to increase knowledge and enhance competency of injection saf...</p> <p><a href="#">View More</a></p>	
<b>Self Study</b>	 <a href="#">Biomedical HIV Prevention Toolkit (Print-based)</a>	SS2512
	<p>The overall goal of the Biomedical HIV Prevention Toolkit activity is to support informed discussion...</p> <p><a href="#">View More</a></p>	
<b>Web on Demand</b>	<a href="#">Breastfeeding Public Health Partnership: Charting the Course Together Webinar Series - Breastfeeding and Health Equity - January 22, 2018 (Web on Demand)</a>	WD2953-012218
	<p>In this first webinar of the Public Health Breastfeeding Partner Series, the Centers for Disease Con...</p> <p><a href="#">View More</a></p>	
<b>Web on Demand</b>	<a href="#">Breastfeeding Public Health Partnership: Charting the Course Together: Maternity Care Practices at the Nexus of Hospitals, Providers, States and Communities - March 12, 2018 (Web on Demand)</a>	WD2953-031218
	<p>This series of four 90-minute webinar sessions addresses how local, state and national organizations...</p> <p><a href="#">View More</a></p>	<span>Rectangular Snij</span>

NOW SOMETHING ABOUT PASSWORDS: the password that you will create to use CDC Laboratory Training will work in CDC Train and vice

versa, but to use TCEO you'll need to create a new password.

**CDC Train** You need to create an account to use *CDC Train* or have a CDC Lab account. *CDC Train* has the greatest number and largest variety of training opportunities not only CDC staff, but from health professionals in other federal and state agencies and other federally funded CDC partners across our nation, of all the choices on the entire *CDC Learning Connection* website. Example: most state health departments are suppliers of content. *CDC Train* calls these and other contributors "providers". You will probably find *CDC Train* to be more useful than either *CDC Lab* or *TCEO*. There is certainly more training on *CDC Train* than in *CDC Lab* or *TCEO*. *CDC Train* is also linked on right page of the *Learning Connection* homepage. Let's look at its homepage-

## CDC TRAIN

The screenshot displays the CDC TRAIN homepage. On the left is a navigation menu with links for HOME, COURSE CATALOG, YOUR LEARNING, CALENDAR, and HELP, along with a search bar labeled 'Search TRAIN'. The main content area features an 'Announcements' section with a carousel of images, including one for 'Hot Training Topic: Women and Opioids' by Administrator CDC dated May 1, 2018, and another for 'NWHW NATIONAL WOMEN'S HEALTH WEEK'. Below this are two columns: 'Your Recent Courses' showing 'Public Health Live - The Vital Role of Cultural' by Bridaina and 'How Local Public Health is Tackling the Opioid Crisis' (an archived webinar), and 'Your Training Status' which indicates '2 COURSES TO COMPLETE'.

There are four tools on the left screen for us to learn –

**Course Catalog** – There are currently 4,124 training opportunities here. You can click the empty “Search Train” box to get them all, or search for them –

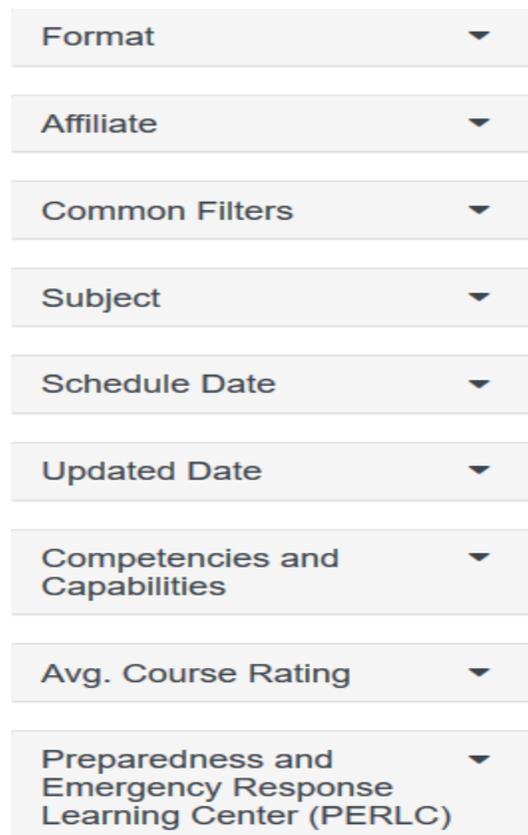


The image shows a search interface with a text input field containing the placeholder text "Search TRAIN". To the right of the input field is a magnifying glass icon. Further right are two icons: a bookmark icon and a list icon. To the right of these icons is a dropdown menu with the text "Sort by relevance" and a downward arrow.

Click this icon to save your search:  Click this icon to see your saved searches:  When you save a search you have this option:

**Email me if new courses are added that match this saved search**

You can also search for training by these filters –



The image shows a vertical list of nine filter dropdown menus. Each menu has a label on the left and a downward arrow on the right. The labels are: "Format", "Affiliate", "Common Filters", "Subject", "Schedule Date", "Updated Date", "Competencies and Capabilities", "Avg. Course Rating", and "Preparedness and Emergency Response Learning Center (PERLC)".

 [Show Advanced Options](#)

These are the Advanced Options:

Organization ▾

Credit Type ▾

Audience ▾

Distance ▾

*Organization:* search by name of an organization

*Credit Type:* if you don't fit into either existing CE systems such as CME, PACE, CEM or AAFP (there are many more professional acronyms here, including some specific to one state) or into such professions as Paramedics, Pharmacists, or Social Workers, you can choose the general categories of "Academic Credit" or "Certificate of Attendance".

*Audience:* from Biostatisticians to Lactation Consultants

*Distance:* for in-person trainings (but the emphasis of CDC Train is online training)

**Your Learning** – this records what you've watched or attended:

Your Current Courses   Your Training Plans   Your Certificates   Your Transcript

Here's a typical entry from "Your Transcript" within my record –

[Download transcript](#)   [+ Add an external record](#)   [Show withdrawn courses](#)

Title	Status	Completed Date ^	Score	Credit Type	Format
<a href="#">Public Health Live - The Vital Role of Cultural Competence in Healthcare</a>	Completed	Aug 11, 2017			Webstream/Archi...

**Calendar** – in "Filters" you'll find your state-localized choices; these are selected by CDC' CDC partners –

## Calendar

This page will allow you to browse your events and search for upcoming events as well. There are a number of filtering options available, including a keyword search. The results you receive may be limited by any groups you've joined, and your address ([see your profile for details](#)).

Search Calendar

< > today **May 2018**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	1	2	3	4	5
	9am 2018 OSDH - Inve 10:30am 2018 OSDH - 1pm 2018 OSDH - Defe	8am (E) 2018 OSDH - T 9am (E) 2018 OSDH - F 1:30pm 2018 OSDH - C	7am (E) Regional Minne 2pm EMI e-Forum, Bett	9am 2018 OSDH - Ethic 10am 2018 OSDH - Cui 12pm Advancing Your t +3 more	9am 2018 OSDH - Copi 9am 2018 OSDH - Busi 9:30am 2018 OSDH - E	
6	7	8	9	10	11	12
		12pm Grand Rounds M 1pm 2018 OSDH - Cop	12pm VA Medical Legal 2pm EMI e-Forum, Med 3pm (C) Kansas Infectio	8am (C) Kansas Infectio 8:30am 2018 OSDH - R 9am 2018 OSDH - Perf +2 more	8am (C) Kansas Infectio 9am 2018 OSDH - Copi	Computer Sma

**Help** – here are their help tools –



- [About TRAIN](#)
- [Accessibility Statement](#)
- [FAQs](#)
- [System Requirements](#)
- [TRAIN Tutorials](#)
- [Forgot Your Login Name / Password?](#)

There are two features from *CDC Train* that users enter through the *CDC Learning Connection* homepage. This is *Quick-Learn Lessons* –

### QUICK-LEARN LESSONS

Limited time? Increase your public health skills with these short courses.

## CDC TRAIN

HOME

**COURSE CATALOG**

CALENDAR

HELP

Search TRAIN

Any Search By Courses

Format

Common Filters

Subject

Schedule Date

Updated Date

Competencies and Capabilities

Avg. Course Rating

Preparedness and Emergency Response Learning Center (PERLC)

Create an Epi-Curve ( <a href="#">Quick Learn</a> )	Web-based Training - Self-study
CDC	★★★★☆ (103 Ratings)
Recognizing the Biosafety Levels ( <a href="#">Quick Learn</a> )	Web-based Training - Self-study
CDC	★★★★☆ (81 Ratings)
A Brief Introduction to Data Cleaning ( <a href="#">Quick Learn</a> )	Web-based Training - Self-study
CDC	★★★★☆ (242 Ratings)
RSS Warehouse Floor Marking Video ( <a href="#">Quick Learn</a> )	Web-based Training - Self-study
CDC DSNS	★★★★☆ (99 Ratings)
Vaccine Adverse Event Reporting System ELI ( <a href="#">Quick Learn</a> )	Web-based Training - Self-study
Using an Epi Curve to Determine Mode of Spread ( <a href="#">Quick Learn</a> )	Web-based Training - Self-study
CDC	★★★★☆ (45 Ratings)
Using an Epi Curve to Determine Most Likely Period of Exposure ( <a href="#">Quick Learn</a> )	Web-based Training - Self-study
CDC	★★★★☆ (34 Ratings)
Safe Handling of 12-hour Push Package Containers in SNS ( <a href="#">Quick Learn</a> )	Web-based Training - Self-study
CDC DSNS	★★★★☆ (70 Ratings)
Preparing for Parenthood: Healthy Feet From the Start	Web-based Training - Self-study

This is *Training Resources* and consists entirely of many links within CDC, CDC partners, and other federal agencies –



Here are the CDC Partners -

- [AIDS Education and Training Center – Training Materials](#) ↗
- [Association for Professionals in Infection Control and Epidemiology \(APIC\)- Education & Certification](#) ↗
- [Association of Public Health Laboratories \(APHL\) – Professional Development and Training](#) ↗
- [Association of Schools and Programs of Public Health \(ASPPH\) – Study](#) ↗
- [Center for Training and Research Translation \(CTRT\) – Training](#) ↗
- [Council of State and Territorial Epidemiologists \(CSTE\) – Workforce Development Resources](#) ↗
- [Hepatitis B Web Study](#) ↗
- [HIV Prevention Resource Center](#) ↗
- [Immunization Action Coalition – Continuing Education Opportunities](#) ↗
- [Medscape – CME and Education](#) ↗
- [National Association of County & City Health Officials \(NACCHO\) University](#) ↗
- [National Coalition for Sexual Health – Tools](#) ↗
- [National Environmental Health Association \(NEHA\) – Professional Development](#) ↗
- [National Network of Public Health Institutes \(NNPHI\) – Workforce Training & Education](#) ↗
- [National Network of STD Clinical Prevention Training Centers – E-Learning](#) ↗
- [National Public Health Information Coalition \(NPHIC\) – Professional Development](#) ↗
- [Partners in Information Access for the Public Health Workforce – Education and Training](#) ↗
- [Public Health Foundation \(PHF\)- Learning Resource Center](#) ↗
- [Public Health Informatics Institute \(PHII\) – Informatics Academy](#) ↗
- [Public Health Learning Network \(PHLN\)](#) ↗

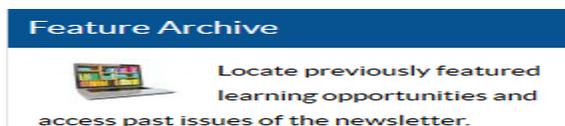
Here are the “Other federal agencies” –

- [Federal Emergency Management Agency \(FEMA\) – National Training and Education](#) ↗
- [Health Resources and Services Administration \(HRSA\) – Health Workforce Resource Center](#) ↗
- [National Institutes of Health \(NIH\) – Training Opportunities](#) ↗
- [Occupational Safety and Health Administration \(OSHA\)- Training](#) ↗
- [Substance Abuse and Mental Health Services Administration \(SAMHSA\) – Knowledge Network](#) ↗
- [U.S. Food and Drug Administration \(FDA\) – Training and Continuing Education](#) ↗

CDC issues a monthly newsletter; sign up for it on the homepage, upper right screen –



You’ll find the archive of this newsletter from 2016 forward on the homepage, lower right screen -



Steve Belev, Oklahoma Dept. of Libraries  
May 10, 2018