



# SARS-CoV-2 & COVID-19 Mini-Course Library

## Mini-Course Library

The Global Chemical and Biological Security Group (GCBS) at Sandia National Laboratories (SNL) is curating a library of mini-courses designed to support domestic and international biological threat reduction efforts in fighting the COVID-19 pandemic. The mini-courses are:

- Small (~15 slides) and topic-specific to provide rapid and selective access to the topics of most importance.
- Comprised of a synthesis of current guidelines, publications, and subject matter expertise on reducing the biological threat during the COVID-19 pandemic
- Updated frequently to reflect evolving guidance and scientific understanding.



## Available in three formats

- PowerPoint slide deck with script and citations included in the notes
  - For trainers to use while conducting synchronous<sup>1</sup> training sessions
- PDF transcript including images of slides along with script and citations
  - For use as an instructor's guide and/or a student guide for either synchronous or asynchronous<sup>2</sup> delivery
- PowerPoint with embedded narration of the script
  - For asynchronous training delivery or for an additional resource for trainers

## Free Access

- Via enrollment in the [SNL Center for Global Security and Cooperation Learning Portal](#)
  - Instructions ([detailed instructions](#))
    - Click on Catalog (upper right of screen)
    - Click on desired SARS-CoV-2/COVID-19 series (e.g., Laboratory Biorisk Management)
    - Enter series-specific access code (provided below with series descriptions)
    - If not previously registered on the CGSC Learning Portal – create an account for learning portal access by entering a username, password, and email.
    - If previously registered on the CGSC Learning Portal, use your username and password to log-in
    - *Navigation language may be changed by selecting a different language at the very bottom left of the CGSC Learning Portal Landing page or the bottom right of any page within the site.*

<sup>1</sup> Synchronous – instructor communicates in real-time with student (e.g., direct training either in-person or virtually)

<sup>2</sup> Asynchronous – student/teacher interaction occurs indirectly, in different time frames (e.g., independent web-based or self-study courses or assignments)

Series I – Laboratory Biorisk Management of SARS-CoV-2

Enrollment Code: EGLI-NIQS

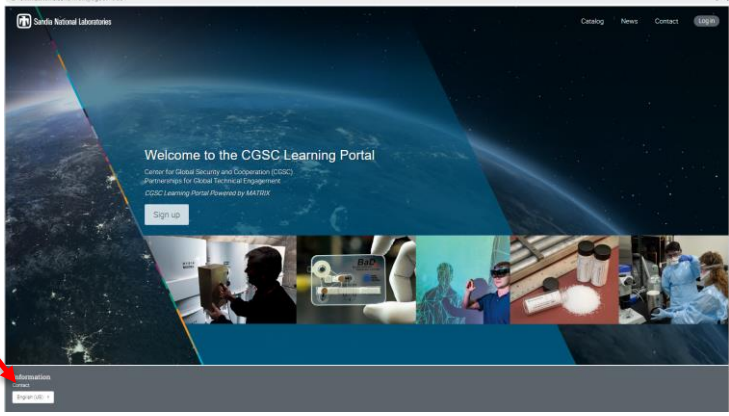
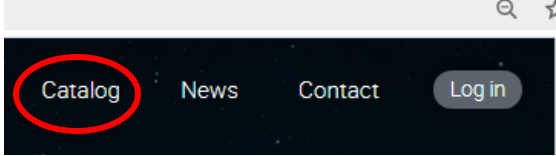
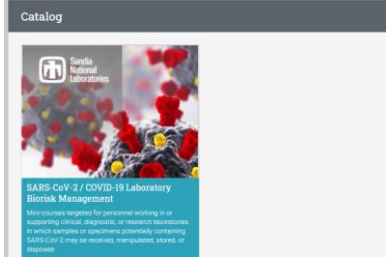
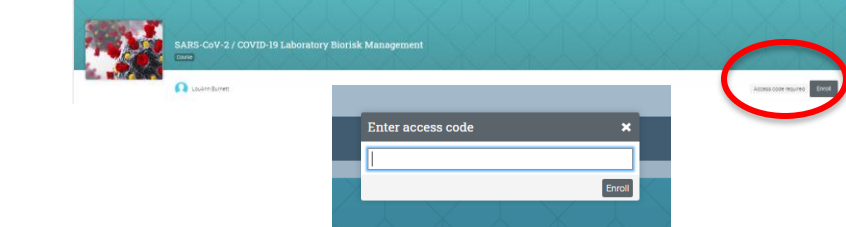
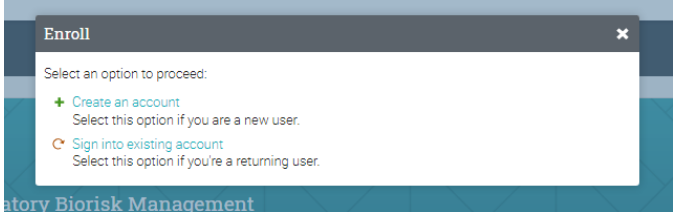
**Audience:** Personnel working in or supporting clinical, diagnostic, or research laboratories in which samples or specimens potentially containing SARS-CoV-2 may be received, manipulated, stored, or disposed.

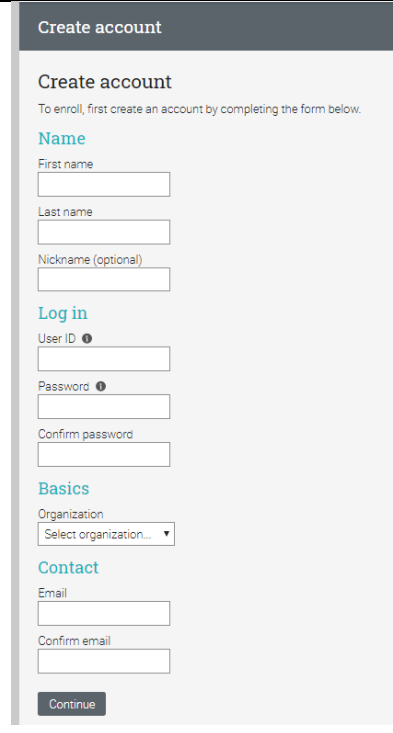
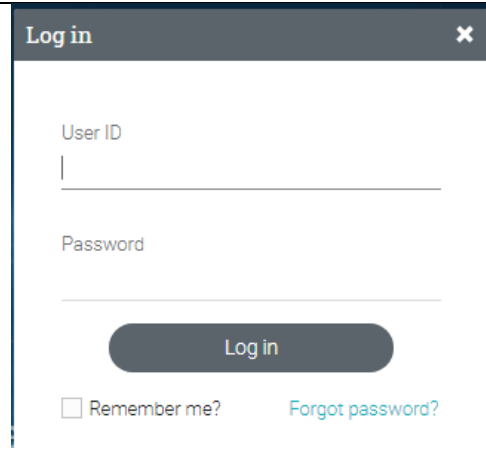
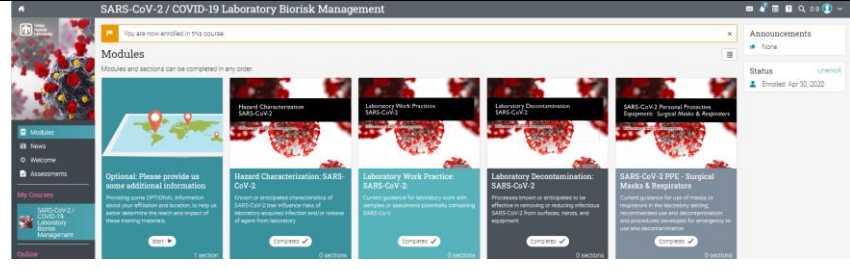
**Series Goal:** Synthesize current guidelines, publications, and subject matter expertise to reduce the risk of laboratory-acquired COVID-19 infection and/or release of SARS-CoV-2 from the laboratory.

Module Name	Upon completion of the mini-course, the participant will know:
Hazard Characterization: SARS-CoV-2	Known or anticipated characteristics of SARS-CoV-2 that influence risks of laboratory-acquired infection and/or release of agent from laboratory.
Laboratory Work Practices – SARS-CoV-2	Current guidance for laboratory work with samples or specimens potentially containing SARS-CoV
SARS-CoV-2 Decontamination	Processes known or anticipated to be effective in removing or reducing infectious SARS-CoV-2 from surfaces, hands, etc,
SARS-CoV-2 PPE: Face Masks and Respirators	<ul style="list-style-type: none"> <li>• Current guidance for use of masks or respirators in the laboratory setting</li> <li>• Recommended use and decontamination</li> <li>• Procedures developed for emergency re-use and decontamination</li> </ul>
SARS-CoV-2 PPE: Gloves, Gowns, etc.	<ul style="list-style-type: none"> <li>• Current guidance for use of PPE (other than masks or respirators) in the laboratory setting</li> <li>• Recommended use and decontamination</li> <li>• Procedures developed for emergency re-use and decontamination</li> </ul>
SARS-CoV-2 Transport and Shipping	Points to consider for internal or external transfer or transport of SARS-CoV-2, including current IATA recommendations for shipping
SARS-CoV-2 Waste Disposal	Summary of processes for collecting, disposing, and treating laboratory waste, including processes known or anticipated to be effective in removing or reducing infectious SARS-CoV-2 in waste.
SARS-CoV-2 Laboratory Emergency Response	Points to consider for anticipating and planning for emergencies in the laboratory when SARS-CoV-2 samples or specimens are present.
SARS-CoV-2 Laboratory Biosecurity	Points to consider for assuring that biosecurity practices remain in place during the COVID-19 pandemic
SARS-CoV-2 and COVID-19 Risk Communication	Points to consider and resources for communicating information about the risk of and practices to reduce risk of SARS-CoV-2 infection in the laboratory and community.



## Instructions for Accessing the Library via the CGSC Learning Portal

<p>Link to the <a href="http://www.snl.matrixlms.com">CGSC Learning Portal</a> (<a href="http://www.snl.matrixlms.com">www.snl.matrixlms.com</a>)</p> <p>To change the language of navigation, click the language desired at the bottom left of the landing page.</p> <p>Note – only navigation changes. Not content.</p>	
<p>Click Catalog (upper right)</p>	
<p>Click on desired SARS-CoV-2/COVID-19 series (<i>shown: Laboratory Biorisk Management</i>)</p>	
<p>Enter series-specific access code (upper right)</p>	
<p>If new user, create an account. If already registered, sign in using existing account. (Forgot account info? Follow directions on login)</p>	 <p>continued on next page</p>

<p>Create an account.</p> <p>Please enter your given (first) name and family (last) name.</p> <p>Choose a user ID that you can remember.</p> <p>Create a password you can remember – it must be at 8 or more characters, at least 1 digit, 1 capital letter and 1 of !, @, #, \$, %, ^, &amp;, or *</p> <p>Select <b>GCBS</b> as your organization.</p> <p>Enter your email.</p> <p>You will be taken to the course series for which you enrolled.</p> <p><i>Save your user ID and password in a safe place for future log-ins – and remember the email address you used.</i></p>	
<p>Log In (if you already have an account)</p> <p>Use the user ID and password you created for the account.</p> <p>If you've forgotten your password, click "Forgot password?" Enter the email address for your account for instructions on resetting your password.</p> <p>If you cannot gain access, please click Contact in the upper right corner of the portal and request assistance.</p>	
<p>Access the selected course.</p> <p>Click on the left navigation bar to explore options. Click directly on a module to gain access to the materials for that subject.</p>	
<p>To gain access to the library the next time you access the CGSC Learning Portal, click "Log in" at upper right.</p>	<p>If you are enrolled in more than one course in the Portal, you'll be taken to your dashboard showing each course. Click on the SARS-CoV-2/COVID-19 mini-course library to gain access to the materials.</p>