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\(^1\) 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\(^2\) 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.

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\(^1\) Synchronous – instructor communicates in real-time with student (e.g., direct training either in-person or virtually)

\(^2\) Asynchronous – student/teacher interaction occurs indirectly, in different time frames (e.g., independent web-based or self-study courses or assignments)
**Series 1 – 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.

<table>
<thead>
<tr>
<th>Module Name</th>
<th>Upon completion of the mini-course, the participant will know:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Characterization: SARS-CoV-2</td>
<td>Known or anticipated characteristics of SARS-CoV-2 that influence risks of laboratory-acquired infection and/or release of agent from laboratory.</td>
</tr>
<tr>
<td>Laboratory Work Practices – SARS-CoV-2</td>
<td>Current guidance for laboratory work with samples or specimens potentially containing SARS-CoV-2.</td>
</tr>
<tr>
<td>SARS-CoV-2 Decontamination</td>
<td>Processes known or anticipated to be effective in removing or reducing infectious SARS-CoV-2 from surfaces, hands, etc,</td>
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</tbody>
</table>
| SARS-CoV-2 PPE: Face Masks and Respirators | • Current guidance for use of masks or respirators in the laboratory setting  
• Recommended use and decontamination  
• Procedures developed for emergency re-use and decontamination                                                                 |
| SARS-CoV-2 PPE: Gloves, Gowns, etc.  | • Current guidance for use of PPE (other than masks or respirators) in the laboratory setting  
• Recommended use and decontamination  
• Procedures developed for emergency re-use and decontamination                                                                 |
| 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

Link to the [CGSC Learning Portal](www.snl.matrixlms.com)

To change the language of navigation, click the language desired at the bottom left of the landing page. Note – only navigation changes. Not content.

Click Catalog (upper right)

Click on desired SARS-CoV-2/COVID-19 series *(shown: Laboratory Biorisk Management)*

Enter series-specific access code (upper right)

If new user, create an account. If already registered, sign in using existing account. (Forgot account info? Follow directions on login)

continued on next page
Create an account.
Please enter your given (first) name and family (last) name.
Choose a user ID that you can remember.
Create a password you can remember – it must be at 8 or more characters, at least 1 digit, 1 capital letter and 1 of !, @, #, $, %, ^, &, or *
Select GCBS as your organization.
Enter your email.
You will be taken to the course series for which you enrolled.

Save your user ID and password in a safe place for future log-ins – and remember the email address you used.

Log In (if you already have an account)
Use the user ID and password you created for the account.
If you’ve forgotten your password, click “Forgot password?” Enter the email address for your account for instructions on resetting your password.
If you cannot gain access, please click Contact in the upper right corner of the portal and request assistance.

Access the selected course.
Click on the left navigation bar to explore options. Click directly on a module to gain access to the materials for that subject.

To gain access to the library the next time you access the CGSC Learning Portal, click “Log in” at upper right.

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.