

# ClinEpiDB pre-ASTMH Workshop

## Homework

Please complete these 3 exercises prior to the start of the workshop

### Exercise 1: Getting started - Creating a personal VEuPathDB account and changing your password (10 minutes)

In this first exercise you will learn how to create a ClinEpiDB account, log in, and change your password. This exercise will give you an introductory overview of the front page.

Each ClinEpiDB user can register for a personal VEuPathDB account, protected by a Username and Password. Signing up for and logging into your personal account will allow you to save and share your searches. You only need one account, which you can use to sign into ALL VEuPathDB sites (such as ClinEpiDB.org, PlasmoDB.org, VectorbaseDB.org, MicrobiomeDB.org, and many other sites). This means that if you would like to use other VEuPathDB resources such as PlasmoDB or MicrobiomeDB, you can enter the same username and password to access saved information across sites.

1. Navigate to [www.clinepidb.org](http://www.clinepidb.org) in your web browser. Take a minute to mouse-over different aspects of the front page. Notice that across the top of the homepage there is a navigation bar with different buttons. What does the mouse-over for “Search a Study” say?

The screenshot shows the ClinEpiDB homepage with a dark background featuring a globe. At the top, there is a navigation bar with links for "Search a Study", "Workspace", "Community", "Contact Us", and social media icons (Facebook, Twitter, YouTube). A "Guest" link is also present. Below the navigation bar, the text "Welcome To ClinEpiDB" is displayed, followed by the tagline "Advancing global public health by facilitating the exploration and analysis of epidemiological studies".

**Explore the Studies**

GEMS1 Case Control	GEMS1A Case Control	India ICEMR Longitudinal Cohort Study	MAL-ED Study	PRISM
<a href="#">Study Details</a>	<a href="#">Study Details</a>	<a href="#">Study Details</a>	<a href="#">Study Details</a>	<a href="#">Study Details</a>
7 S. Asian and African Sites, 2007-2011	7 S. Asian and African Sites, 2011-2013	2 sites in India from 2013-2015	8 Sites, 2009-2014	3 Sites In U
<ul style="list-style-type: none"><li>The Global Enteric Multicenter Study (GEMS) investigated the causes, incidence and impact of moderate-to-severe diarrhea in 22,567 children from the Gambia, Mali, Kenya, Mozambique, Pakistan, India and Bangladesh.</li><li>Case-Control study with a 60-day follow-up visit</li><li>16S sequence data for ~1000 stool samples available at MicrobiomeDB.org.</li></ul>	<ul style="list-style-type: none"><li>The Global Enteric Multicenter Study (GEMS) 1A investigated the causes, the incidence and the impact of less-severe diarrhea (LSD).</li><li>Case-Control study with a 60-day follow-up visit</li><li>14,242 Participants from The Gambia, Mali, Kenya, Mozambique, Pakistan, India and Bangladesh</li></ul>	<ul style="list-style-type: none"><li>The Center for the Study of Complex Malaria in India (CSCMI) is part of the International Centers of Excellence for Malaria Research (ICEMR) Program</li><li>Longitudinal cohort study design</li><li>397 participants from 110 households with 1,249 observations</li></ul>	<ul style="list-style-type: none"><li>Etiology, Risk Factors, and Interactions of Enteric Infections and Malnutrition and the Consequences for Child Health and Development Study</li><li>Longitudinal birth cohort of the first 2 years of life</li><li>Over 200 Participants from each of 8 sites (in Bangladesh, Brazil, India, Nepal, Pakistan, Peru, South Africa, Tanzania)</li></ul>	<ul style="list-style-type: none"><li>The Program Surveillance Uganda (Interim) Malaria R</li><li>Longitudinal surveillance</li><li>1,421 Par with over</li></ul>
<a href="#">Download Data</a>	<a href="#">Download Data</a>	<a href="#">Download Data</a>	<a href="#">Download Data</a>	<a href="#">Download Data</a>
<a href="#">SEARCH THE DATA</a>	<a href="#">SEARCH THE DATA</a>	<a href="#">SEARCH THE DATA</a>	<a href="#">SEARCH THE DATA</a>	<a href="#">SEARCH THE DATA</a>

**News**

**ClinEpiDB 8.0 Released**  
THU MAR 07 2019  
We are pleased to announce the release of ClinEpiDB 8.0 in India March 13 - This release includes new features and the ClinEpiDB outreach team will be attending a conference and conducting ... [read more](#)

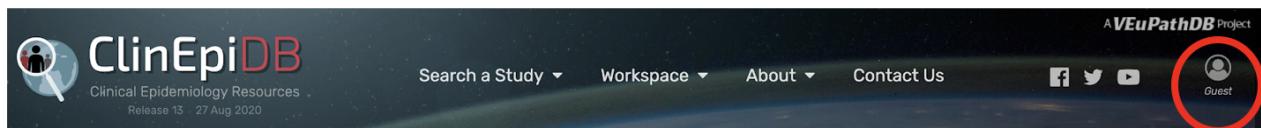
**ClinEpiDB 5.5 Released**  
SAT DEC 15 2018  
We are pleased to announce the release of ClinEpiDB 5.5 New Features in this Release The analysis apps in the Analyze Results tab of the results table have now been update... [read more](#)

**ClinEpiDB at ASTMH!**

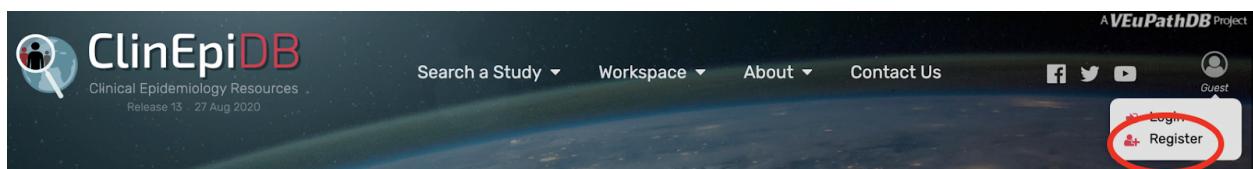
[See all news](#)

**Tweets** by @ClinEpiDB

- At the top right-hand corner of the webpage, there is an icon labeled "Guest". Hover over this icon to access links to 'Login' and 'Register'.



- To register for Personal Account, click on the 'Register' link.



- Fill out the registration form then click the 'Register' button. After clicking 'Register', a green text box should appear, indicating successful registration.

# Registration

Review our [VEuPathDB Websites Privacy Policy](#).

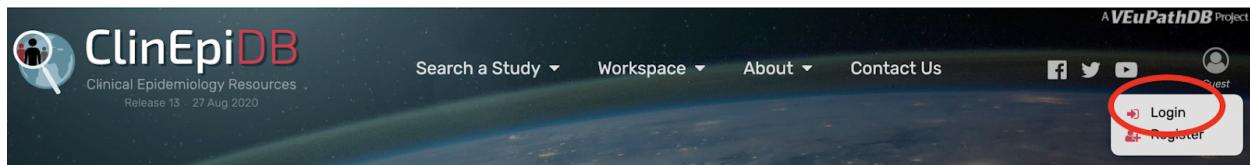
\* = required

## Identification

<b>* Email:</b>	<input type="text" value="Your email will be your login username"/> 
<b>* Retype Email:</b>	<input type="text" value="Please re-type the same email as above"/>
<b>* First Name:</b>	<input type="text"/>
<b>Middle Name:</b>	<input type="text"/>
<b>* Last Name:</b>	<input type="text"/>
<b>* Organization:</b>	<input type="text"/>

6. Check your email to retrieve your temporary password. If you are accessing your email through a web browser, open a new window or tab to access your email account. Once you receive the email message from VEuPathDB, you can either write down or copy the password so you can login for the first time.

7. Return to the ClinEpiDB browser and click on the ‘Login’ link.



8. A box should pop-up. Enter the email address that you used to register and the temporary password that was emailed to you here.

The image shows the ClinEpiDB login page. At the top center is the ClinEpiDB logo and the text 'Clinical Epidemiology Resources'. Below it is the heading 'Please log in'. There are two input fields: 'Email:' containing 'helbda@yahoo.com' and 'Password:' containing '.....'. Below the password field is a character count indicator '9+'. At the bottom are two buttons: 'Login' and 'Cancel'. Below the 'Forgot Password?' and 'Register/Subsribe' links are several small, colorful icons representing different study types or data sources.

Email: helbda@yahoo.com

Password: .....

Please log in

Login Cancel

[Forgot Password?](#) [Register/Subsribe](#)

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Icons: various small icons representing different study types or data sources.

9. After you complete the information and click “Login,” you will be logged into the site. You can confirm that you are logged if your name is now listed instead of “Guest.”



10. You can change your password or email address by navigating to the “My Account” page. Hover over the icon to access links to “My Account” or “Log Out”. Click on your name to access your “My Account” page.



11. Change your password to something personalized that you will remember. Click the ‘Change your password’ link to get started.

## My Account

Review our [VEuPathDB Websites Privacy Policy](#).

\* = required

### Identification

<b>* Email:</b>	dhelb@sas.upenn.edu
<b>* Retype Email:</b>	dhelb@sas.upenn.edu
<b>* First Name:</b>	Danica
<b>Middle Name:</b>	
<b>* Last Name:</b>	Helb
<b>* Organization:</b>	EuPathDB

### Password

[Change your password](#)

[Save](#)

12. Follow the instructions on the screen and click “Submit” to change your password. If you have successfully changed your password, green text will appear confirming the password change. When you are finished, you can either click on the “ClinEpiDB” logo to return to the ClinEpiDB homepage, or you can click on the blue “click here” to return to your previous page.

 **ClinEpiDB**  
Clinical Epidemiology Resources

### Change Password

You have successfully changed your password.  
To return to your previous page, [click here.](#)

Username:

Current Password:

New Password:

Re-enter New Password:



## Exercise 2: Accessing data (10 minutes)

This exercise is a very brief introduction into how to access data on the ClinEpiDB.org homepage. We will go much further in depth in our workshop exercises.

1. Navigate to the “Explore the Studies” section of the ClinEpiDB.org homepage. In this section, you will find a number of cards, each of which corresponds to a study that has been loaded into our database.

The screenshot shows the ClinEpiDB.org homepage with a banner at the top featuring the text "Welcome To ClinEpiDB" and "Advancing global public health by facilitating the exploration and analysis of epidemiological studies". Below the banner, there is a navigation bar with links for "Search a Study", "Workspace", "About", "Contact Us", and social media icons. The main content area is titled "Explore the Studies" and displays five study cards in a grid view. Each card includes a study name, a small icon, a "Study Details" link, a brief description, a "Download Data" button, and an "EXPLORE THE DATA" button. To the right of the study cards, there is a "News" sidebar with recent announcements and a "Tweets by @ClinEpiDB" section.

Study Name	Description	Participants	Location
Amazonia ICEMR Brazil Cohort	Longitudinal cohort study in the Brazilian Amazon, 2010-2014	640 participants from 194 households with 3186 observations	6 sites in the Brazilian Amazon
Amazonia ICEMR Peru Cohort	Longitudinal cohort study in the Peruvian Amazon, 2012-2015	2,445 participants from 487 households with 2,050,603 observations	2 Sites in the Peruvian Amazon
GEMS1 Case Control	Case-control study with a 60-day follow-up visit	22,567 participants	7 Sites in S. Asia and Africa, 2007-2011
GEMS1 HUAS/HUAS Lite Survey	The Global Enteric Multicenter Study (GEMS) investigated the clinical incidence and impact of moderate-to-severe diarrhea in children from the Gambia, Mali, Kenya, Mozambique, Pakistan, India and Bangladesh	133,659 participants	7 Sites in S. Asia and Africa, 2007-2011
GEMS1A Case Control	Cross-sectional community survey	14,242 participants	7 Sites in S. Asia and Africa, 2011-2013

2. Notice how you can scroll through the study cards to view all of the studies available on ClinEpiDB.
3. Each of the study cards provides brief information about the study, such as the location, years of data collection, and study design. See if you can use the information available on the study cards to answer the following questions:
  - How many years of follow-up did the PROVIDE trial have?<sup>1</sup>
  - Over what years did data collection for the MAL-ED study take place?<sup>2</sup>
  - Which study took place in Rwanda?<sup>3</sup>

<sup>1</sup> The PROVIDE trial had 2 years of follow-up.

<sup>2</sup> The MAL-ED study collected data from 2009-2017.

<sup>3</sup> The SCORE Rwanda Mapping Cross-sectional Study took place in Rwanda.

A detailed view of the "Amazonia ICEMR Brazil Cohort" study card. The card includes the study name, a small icon, a "Study Details" link, a brief description, a "Download Data" button, and an "EXPLORE THE DATA" button. The description states: "6 sites in the Brazilian Amazon, 2010-2014". The list of participants includes: "Longitudinal cohort study", "640 participants from 194 households with 3186 observations", and "The Amazonia cohort study in Brazil is part of the International Centers of Excellence for Malaria Research (ICEMR) Program".

4. Use the “Select a disease” pull-down menu to filter the studies by a disease of interest.
- How many studies collected data about a respiratory condition?<sup>4</sup>

5. You can also type free text into the “Find studies” box to navigate quickly to studies of interest. Type “Plasmodium vivax” into this box to quickly identify the studies that collected data on this parasite.
- Which studies collected data in Brazil?<sup>5</sup>

<sup>4</sup> ClinEpiDB currently has information available about 3 studies that collected data on a respiratory condition: MAL-ED, PERCH, and LAKANA.

<sup>5</sup> The Amazonia ICEMR Brazil Cohort and the MAL-ED Cohort had a study site in Brazil.

## Exercise 3: Getting help or submitting a comment (5 minutes)

In this exercise you will learn how to submit comments or ask for help from the ClinEpiDB team.

1. To submit a comment or ask a question of the ClinEpiDB team, click on the ‘Contact Us’ link on the top of the homepage.



2. When you click on ‘Contact Us’ a form will appear. Please go ahead and fill out the form now. For your message, please let us know which of the studies available on ClinEpiDB.org interests you the most and why.
3. Click “Submit message”. Your message will be sent directly to the ClinEpiDB outreach team, who are excited to hear about your interests. Please use this link any time you would like to contact us, and we will make sure to promptly answer your question or address your concern.

### We appreciate your questions and feedback

- If you hit a bug with our analysis tools, please [click here](#) for instructions ...

We are available to help with questions, error reports, feature requests, dataset proposals, etc.

Subject:

Your email address:

Cc addresses:

Screenshots: Attach up to three screenshots from your clipboard (maximum 5Mb per image).

Attachments: Attach up to three files (maximum 5Mb per file).

Message:

4. When you are finished, you can return to the homepage again by clicking on the “ClinEpiDB” logo.

