
TriNetX Training

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TriNetX Training

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TriNetX Training

1 Overview

TriNetX is a self-service web-based data exploration tool which helps clinical researchers to define a patient cohort using inclusion and exclusion criteria and to explore cohort attributes.

TriNetX has partnered with healthcare organizations (HCOs) spanning 24 countries, thousands of sites, with data providers covering 99% of US health plans to deploy a linked and continually updated global health research network representing over 300 million patients. It has been used to analyze over 20,000 protocols and has presented over 5,800 clinical trial opportunities to its HCO members.

TriNetX contains data from UMMS EHR systems, as well as from a global network of healthcare organizations. UMMS data begins in 2016, with member facilities data starting with the live implementation of Epic. Encounters include inpatient, emergency, outpatient (both ambulatory and office visits). Data domains: demographics, diagnoses, procedures, medications, labs, and visits. Genomics data is currently unavailable. All data in TriNetX have been deidentified. UMMS data is refreshed monthly.




This document contains information about training for this application.



2 Instructor Lead Training

- During the initial TriNetX rollout, weekly training sessions will be held for a period of time.
- The TriNetX vendor rep will conduct training via Microsoft Teams conferencing app.
- Users may join Microsoft Teams on the web or download the app if their device doesn't already have it (most UMB users should have Microsoft Teams).
- A calendar invite will be sent with a link.
- Each training session will be an hour long.
- It will be interactive and include time for questions and answers.
- The training sessions will be recorded and made available on the ICTR web site.
- Instructions for how to sign up for training and the training schedule will be listed on the ICTR web site.
- The link to the TriNetX training page will be provided at a later date and will also be accessible from one or more of the following:

 <https://www.umaryland.edu/ictr/investigator-resources/ictr-informatics-core-services/trinetx/>

 <https://intra.umms.org/umms/departments/portfolio/enterprise-data-and-analytics-division/research-informatics>

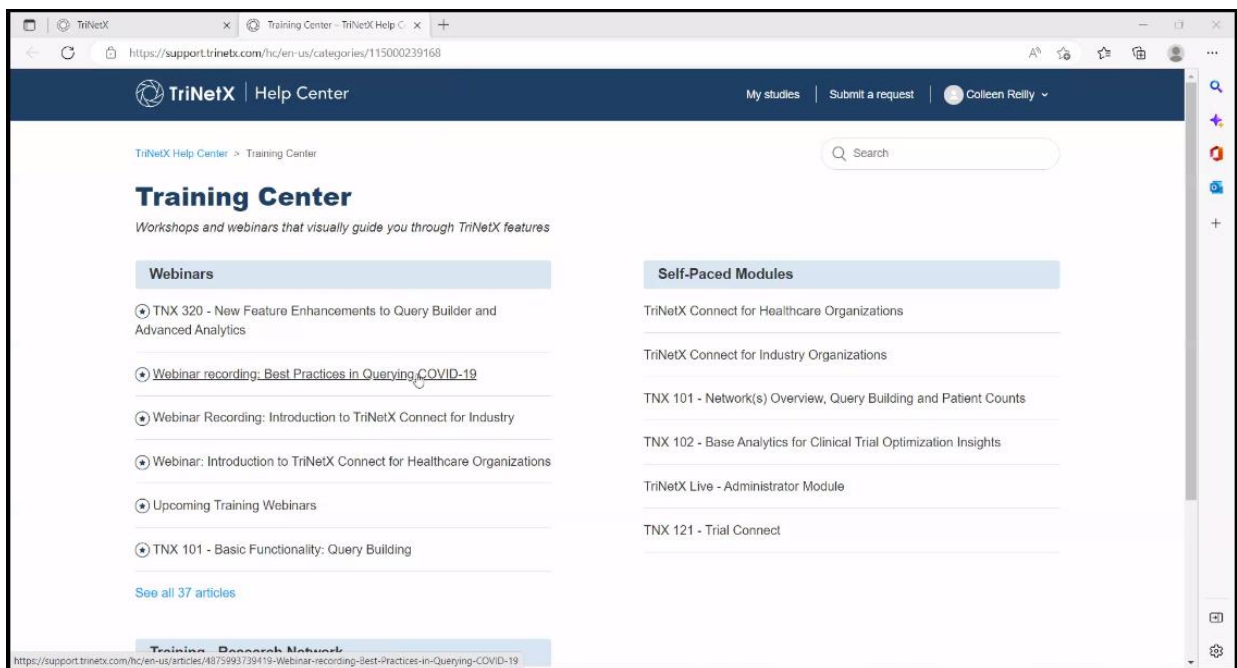
In addition to the on-demand sessions (listed in the next section), live training can be provided in specialized topics such as TriNetX Connect, dataset selection, working with data from Latin America,

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EMEA (Europe, the Middle East and Africa), Japan, and more. TriNetX will continue to offer live, web-based sessions every month. For dates and times, visit the [Introduction-to-TriNetX-Training-Program](#) page.

3 On-Line Training

- The [Training Center](#) on the TriNetX website gives access to many resources for understanding the platform and learning how to use it. This includes self-paced modules, demos, video tutorials and webinars.



- Access to these resources using the links provided below requires logging in to the application.
- The multi-part, video-based course is now available on demand from a single Help Center page. Along with in-depth guides for download, these videos offer English-language captions and instructions on how to request customized training in capabilities like TriNetX Connect.

Note

TriNetX revises their training program periodically, therefore some courses listed here might not be offered in the future, replaced by other courses, links changed or new courses added.

1. [Introduction to TriNetX Training Program](#)
2. Getting Started with TriNetX (link available from the main training site)
3. [TNX 101 – Basic Functionality: Query Building](#)
4. [TNX 102 - Basic Functionality: Basic Analytics](#)

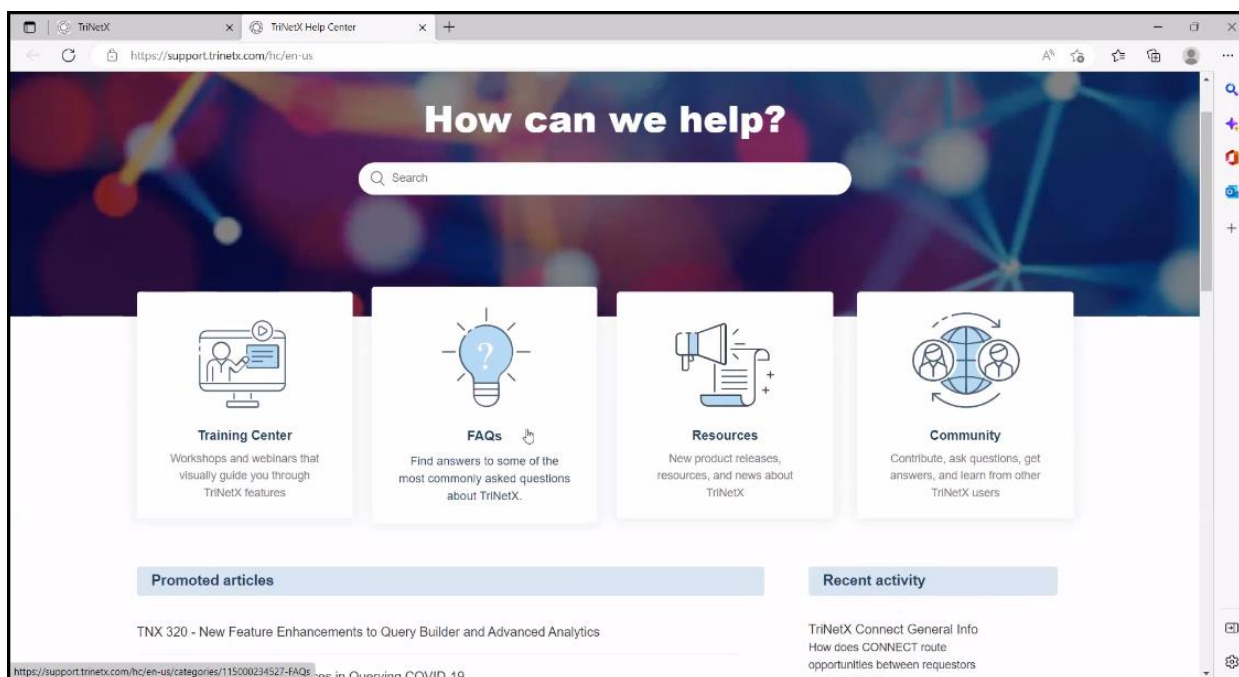
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5. [TNX 121 - Trial Connect](#) (link available from the main training site)
6. [TNX 201 - Best Practices in Querying Oncology](#)
7. [TNX 202 - Best Practices in Querying Rare Disease](#)
8. [TNX 234 - Best Practices in Querying Global Data](#)
9. [TNX 240 - Best Practices in Querying Patient Diversity](#)
10. [TNX 242 - Best Practices in Querying Infection Diseases](#)
11. [TNX 320 – New Feature Enhancements to Query Builder and Advanced Analytics](#)
12. [TNX 401 - Advanced Analytics](#)
13. [TNX 401 Part 1 - Adv Analytics – Compare Cohorts and Incidence and Prevalence](#)
14. [TNX 401 Part 2 - Adv Analytics – Analyze/Compare Outcomes and Treatment Pathways](#)

The TriNetX team welcomes your input on topics and skills you'd like to see covered as part of our Training Program. Contact your Account Manager or Healthcare Partnership Manager with your ideas.

4 Additional Support & Documentation

- The [Help Center](#) hub on the TriNetX website provides additional materials for reference and shares best practices for constructing queries.

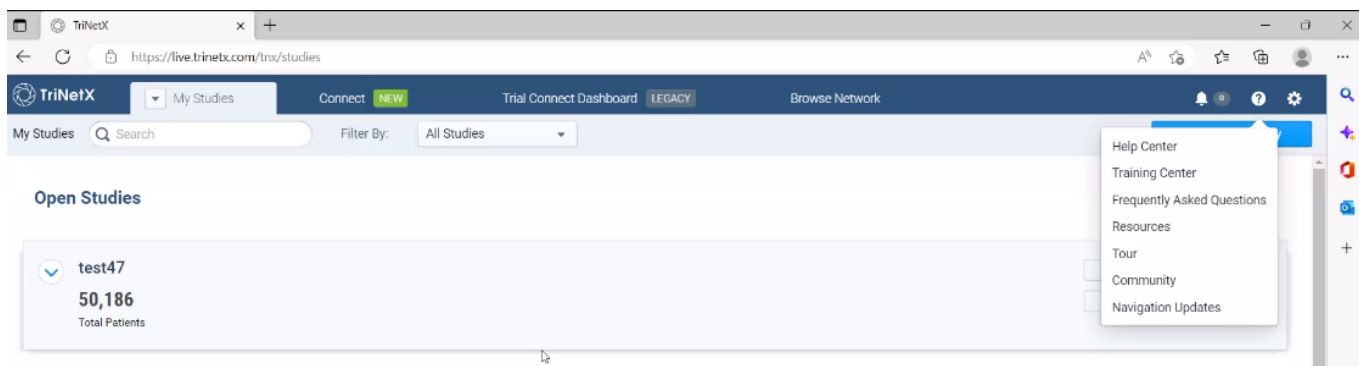


- Access to these resources using the links provided below requires logging in to the application.

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1. [Query Strategy FAQ](#)
2. [Querying Oncology](#)
3. [Querying Rare Disease](#)

- If users need assistance with a specific problem they've encountered while using the TriNetX platform, they can e-mail the RIC team at eda-research@umm.edu or [Submit a Request](#) for eHelp from the vendor.
- Users can explore various topics and content posted by community in the [User Forums](#) or on <https://trinetx.com/real-world-data/advanced-analytics/> page.
- Once in the application, users can find helpful menus under the (?) button in the upper right.



5 Miscellaneous/FAQs

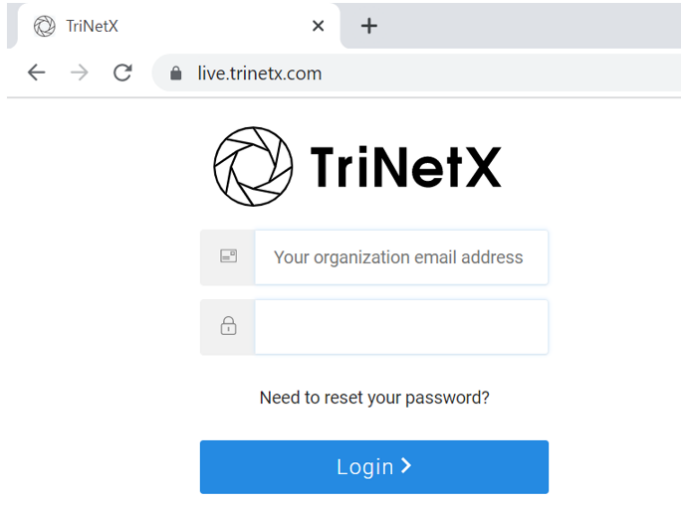
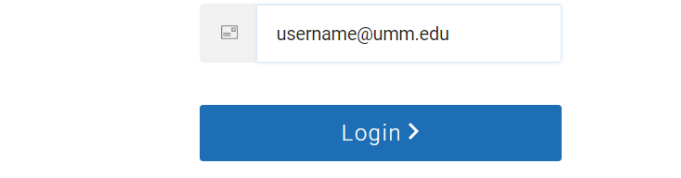
Q:	A:
Is the completion of instructor lead training a requirement before access can be granted?	It's not required, but is strongly recommended.
Will training be offered after each new release or version upgrade and how will it be announced to the current/active users?	TriNetX will inform RIC (Research Informatics Core) team about new releases and version upgrades and the RIC team will communicate it to the users.
Is there a training environment where users can practice separate from the live/production environment?	No. Since TriNetX is view only and users can only pull the data but not edit it, there is no separate training environment.
Is there a list of TriNetX FAQs?	There is a Query Strategy FAQ developed by TriNetX company, but they are not UMMS specific. The UMMS specific FAQs will be compiled as questions start getting asked by the pilot group of users as well as the broader audience with continued implementation of TriNetX.

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6 Internet Browser

- The following Internet browsers are recommended for use with TriNetX:
Google Chrome for Windows version 107.x or higher or Microsoft Edge version 108.x or higher

7 Accessing the System

<ul style="list-style-type: none">➤ To logon to TriNetX, use the following link: https://live.trinetx.com/➤ Enter your organization's e-mail address and click on the Login button.➤ Note that the password field will not be entered on the initial login page (or not until a valid e-mail address has been entered), and it will be required on the next screen along with the UMID username.	
<ul style="list-style-type: none">➤ Upon entering the e-mail address, user will be redirected to another website.	
<p>* Refer to '<i>TriNetX Access Management.pdf</i>' document for more details on how to obtain access and additional login instructions, resetting password, etc.</p>	

8 Support

- For issues with UMB UMID accounts, contact the CITS helpdesk at 410-706-4357. More information about UMB Helpdesk, CITS location, hours of operation, etc., is available at:
 - 📁 <https://www.umaryland.edu/cits/>
 - 📁 <https://www.umaryland.edu/helpdesk/>
 - 📁 <https://www.umaryland.edu/helpdesk/umb-account/>
- For general research related questions, refer to the UMB ICTR (University of Maryland Baltimore Institute for Clinical & Translational Research) <https://www.umaryland.edu/ictr/> web page.

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- For issues with TriNetX application, contact RIC team by e-mail at EDA-Research@umm.edu.
- For other technical support issues, contact your respective organization's Helpdesk.
- The UMMS Helpdesk can be contacted by calling 410-328-HELP (410-238-4357) or by e-mail at helpdesk@umm.edu. For more details visit <https://intra.umms.org/umms/departments/ist/helpdesk>.

9 Glossary

AD	Active Directory
CITS	Center for Information Technology Services
ED&A	Enterprise Data & Analytics
HCO	Healthcare Organizations
ICTR	Institute for Clinical & Translational Research
RIC	Research Informatics Core
UMB	University of Maryland Baltimore
UMBC	University of Maryland Baltimore County
UMID	University of Maryland ID
UMMS	University of Maryland Medical System