PROTEUS Presentation

(Predicting & Recalibrating Outcomes Toward External Understanding Study)

OHDSI Community Call

July 13, 2021 • 11 am ET

Upcoming OHDSI Community Calls

Date	Topic
July 13	Focus Topic: PROTEUS (Predicting & Recalibrating Outcomes Toward External Understanding Study)
July 20	Workgroup Updates: Early-Stage Researchers, Women of OHDSI, Latin America, Education
July 27	Health Equity Visualization Challenge
August 3	OHDSI Asia-Pacific (APAC) Regional Updates
August 10	2021 Global Symposium Preview
August 17	New Developments In OHDSI
August 24	Back to School
August 31	NO MEETING

Upcoming OHDSI Community Calls

Date	Topic
July 13	Focus Topic: PROTEUS (Predicting & Recalibrating Outcomes Toward External Understanding Study)
July 20	Workgroup Updates: Early-Stage Researchers, Women of OHDSI, Latin America, Education
July 27	Health Equity Visualization Challenge
August 3	OHDSI Asia-Pacific (APAC) Regional Updates
August 10	2021 Global Symposium Preview
August 17	New Developments In OHDSI
August 24	Back to School
August 31	NO MEETING

July 20 Community Call: Workgroup Updates

Early-Stage Researchers

Faaizah Arshad

Latin America

Jose Posada

Women of OHDSI

Maura Beaton

Education

Nigel Hughes

Three Stages of The Journey

Where Have We Been?

Where Are We Now?

Where Are We Going?

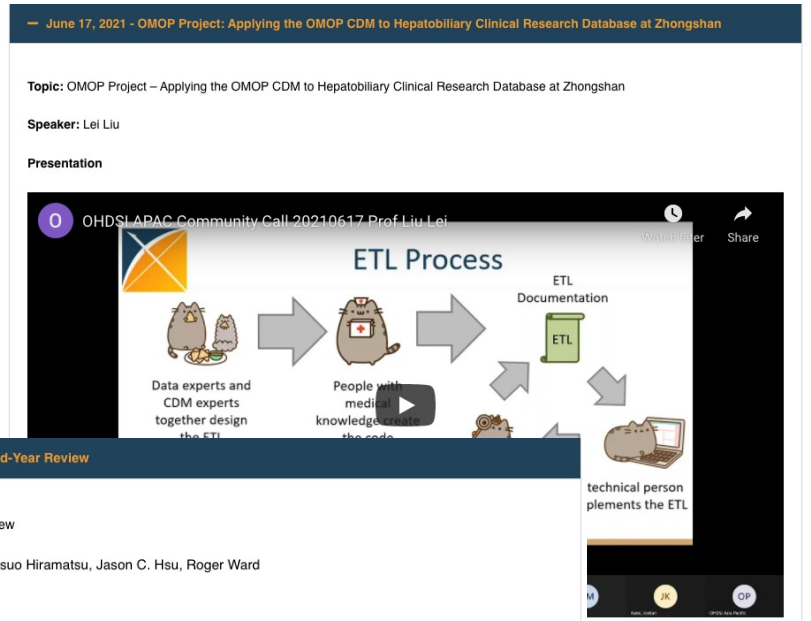
Previous APAC Community Calls

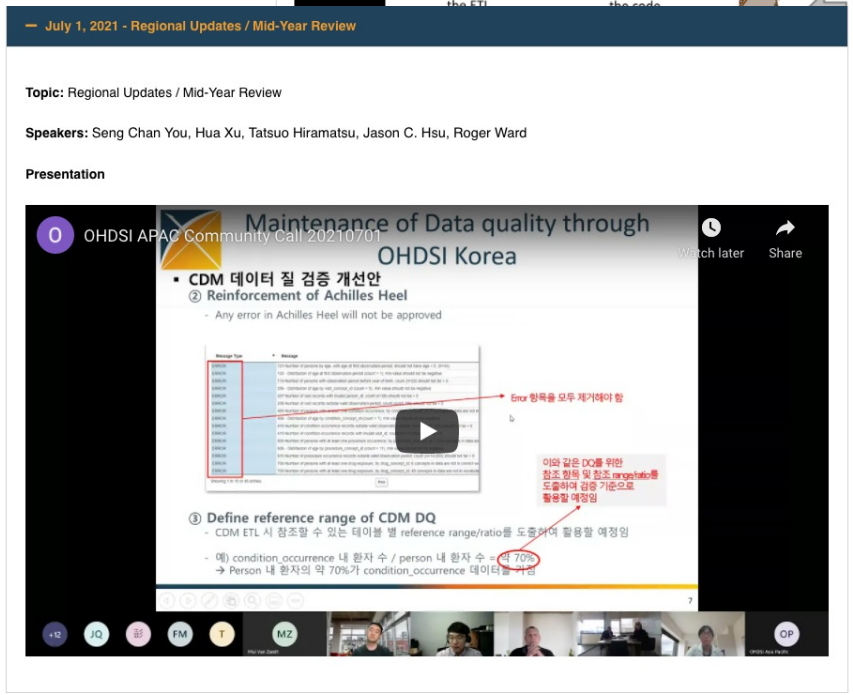
We have had two great presentations on our most recent APAC Community Calls:

- **Lei Liu** presented on "Applying the OMOP CDM to Hepatobiliary Clinical Research Database at Zhongshan"

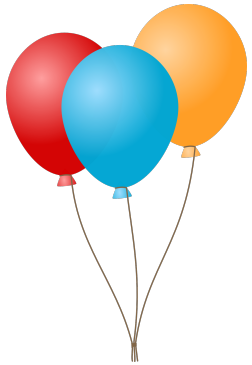
- **Seng Chan You, Hua Xu, Tatsuo Hiramatsu, Jason C. Hsu, Roger Ward** presented regional updates and a mid-year review.

Find ALL APAC community call recordings at ohdsi.org/apac/





OHDSI Shoutouts!



Any shoutouts from the community? Please share and help promote and celebrate OHDSI work!

Have a study published? Please send to sachson@ohdsi.org so we can share during this call and on our social channels.
Let's work together to promote the collaborative work happening in OHDSI!

Three Stages of The Journey

Where Have We Been?

Where Are We Now?

Where Are We Going?

Upcoming Workgroup Calls

Date	Time (ET)	Meeting
Tuesday	2 pm	Health Equity
Wednesday	8 am	Vaccine Vocabulary
Wednesday	10 am	OMOP CDM Oncology – Development Subgroup
Wednesday	2 pm	Natural Language Processing
Wednesday	4 pm GMT +9	Early-Stage Researchers (East Coast/West Coast/Asia Hemisphere)
Thursday	12 pm	HADES
Thursday	1 pm	OMOP CDM Oncology – CDM/Vocabulary Subgroup
Friday	9 am	Education
Monday	10 am	GIS-Geographic Information System
Tuesday	9 am	OMOP CDM Oncology – Genomic Subgroup

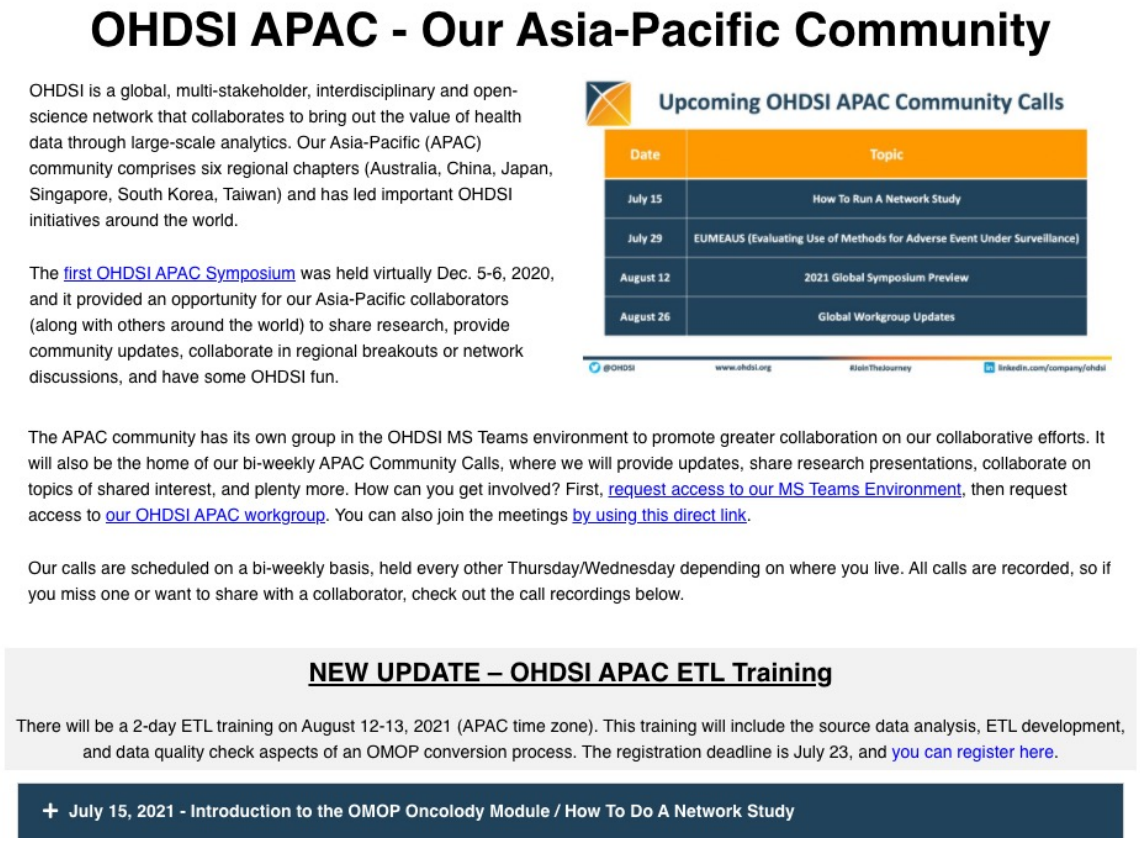
www.ohdsi.org/upcoming-working-group-calls

Next APAC Community Call

The next OHDSI APAC community call will be Thursday, July 15 (Wednesday in parts of the Eastern Hemisphere). It will include a pair of tutorials:

- **Seng Chan You** — An Introduction to the OMOP Oncology Module
- **Jing Li** — How to do a network study

These calls take place in the OHDSI APAC Team.



OHDSI APAC - Our Asia-Pacific Community

OHDSI is a global, multi-stakeholder, interdisciplinary and open-science network that collaborates to bring out the value of health data through large-scale analytics. Our Asia-Pacific (APAC) community comprises six regional chapters (Australia, China, Japan, Singapore, South Korea, Taiwan) and has led important OHDSI initiatives around the world.

The first OHDSI APAC Symposium was held virtually Dec. 5-6, 2020, and it provided an opportunity for our Asia-Pacific collaborators (along with others around the world) to share research, provide community updates, collaborate in regional breakouts or network discussions, and have some OHDSI fun.

Upcoming OHDSI APAC Community Calls

Date	Topic
July 15	How To Run A Network Study
July 29	EUMEAUS (Evaluating Use of Methods for Adverse Event Under Surveillance)
August 12	2021 Global Symposium Preview
August 26	Global Workgroup Updates

@OHDSI www.ohdsi.org #JoinTheJourney linkedin.com/company/ohdsi

The APAC community has its own group in the OHDSI MS Teams environment to promote greater collaboration on our collaborative efforts. It will also be the home of our bi-weekly APAC Community Calls, where we will provide updates, share research presentations, collaborate on topics of shared interest, and plenty more. How can you get involved? First, request access to our MS Teams Environment, then request access to our OHDSI APAC workgroup. You can also join the meetings by using this direct link.

Our calls are scheduled on a bi-weekly basis, held every other Thursday/Wednesday depending on where you live. All calls are recorded, so if you miss one or want to share with a collaborator, check out the call recordings below.

NEW UPDATE – OHDSI APAC ETL Training

There will be a 2-day ETL training on August 12-13, 2021 (APAC time zone). This training will include the source data analysis, ETL development, and data quality check aspects of an OMOP conversion process. The registration deadline is July 23, and you can register here.

+ July 15, 2021 - Introduction to the OMOP Oncolody Module / How To Do A Network Study

OHDSI.org/APAC

Get Access To Different Teams/WGs/Chapters

5. Select the workgroups you want to join (you can refer to the WIKI for work group objectives www.ohdsi.org/web/wiki/doku.php?id=projects:overview)

- [ ] ATLAS
- [ ] Clinical Trials
- [ ] Common Data Model
- [ ] Data Quality Dashboard Development
- [ ] Early-stage Researchers
- [ ] Education Work Group
- [ ] Electronic Health Record (EHR) ETL
- [ ] Geographic Information System (GIS)
- [ ] HADES Health Analytics Data-to-Evidence Suite
- [ ] Health Equity
- [ ] Latin America
- [ ] Medical Devices
- [ ] Natural Language Processing
- [ ] OHDSI APAC
- [ ] OHDSI APAC Steering Committee
- [ ] OHDSI Steering Committee
- [ ] Oncology
- [ ] Patient-Generated Health Data
- [ ] Pharmacovigiliance Evidence Investigation
- [ ] Phenotype Development and Evaluation
- [ ] Population-Level Effect Estimation / Patient-Level Prediction
- [ ] Psychiatry
- [ ] Registry (formerly UK Biobank)
- [ ] Surgery and Perioperative Medicine
- [ ] Vaccine Safety
- [ ] Vaccine Vocabulary
- [ ] Women of OHDSI

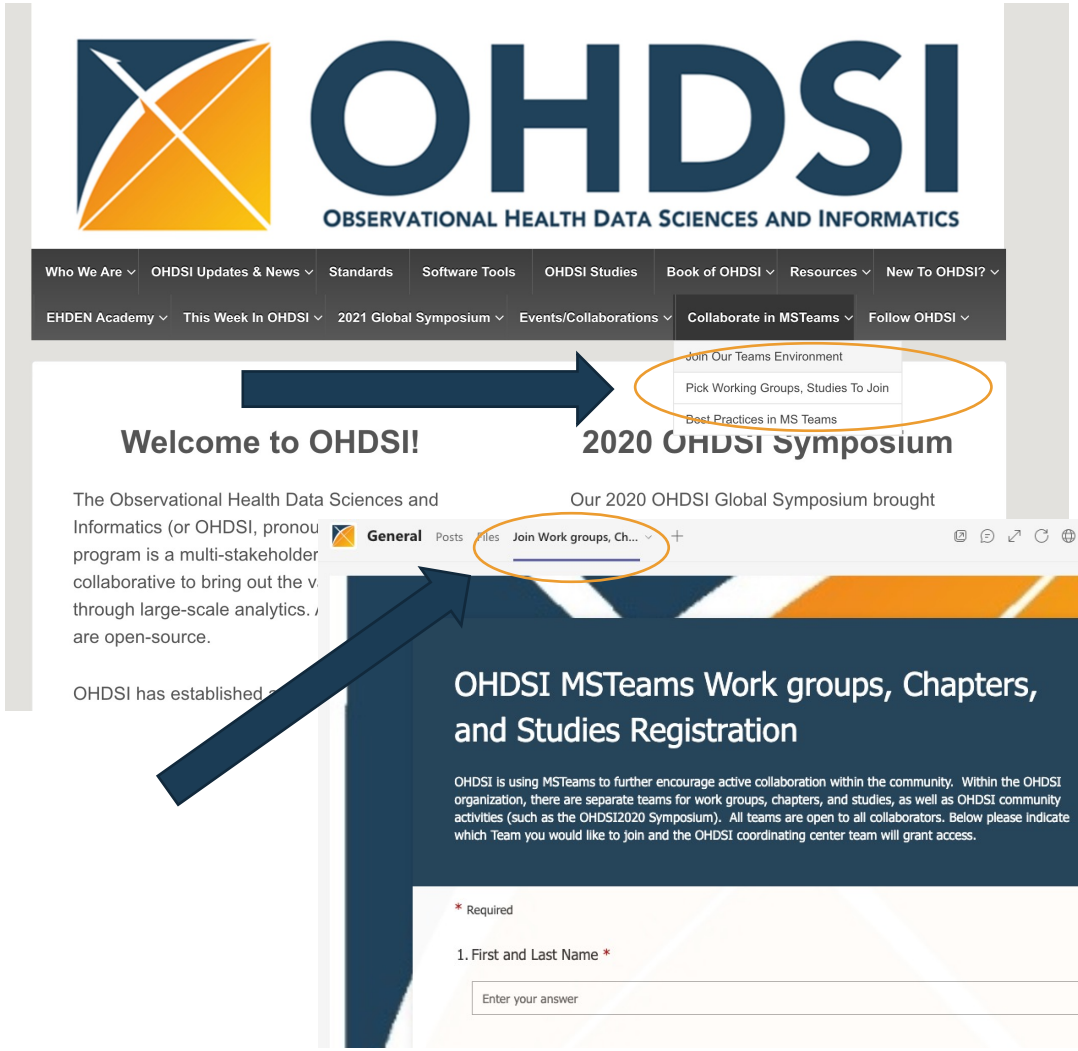
6. Select the chapter(s) you want to join

- [ ] Australia
- [ ] China
- [ ] Europe
- [ ] Japan
- [ ] Korea
- [ ] Singapore
- [ ] Taiwan

7. Select the studies you want to join

- [ ] HERA-Health Equity Research Assessment
- [ ] PIONEER for Prostate Cancer (study-a-thon ended)
- [ ] SCYLLA (SARS-Cov-2 Large-scale Longitudinal Analyses)

Get Access To Different Teams/WGs/Chapters



5. Select the workgroups you want to join (you can refer to the WIKI for work group objectives www.ohdsi.org/web/wiki/doku.php?id=projects:overview)

- [ ] ATLAS
- [ ] Clinical Trials
- [ ] Common Data Model
- [ ] Data Quality Dashboard Development
- [ ] Early-stage Researchers
- [ ] Education Work Group
- [ ] Electronic Health Record (EHR) ETL
- [ ] Geographic Information System (GIS)
- [ ] HADES Health Analytics Data-to-Evidence Suite
- [ ] Health Equity
- [ ] Latin America
- [ ] Medical Devices
- [ ] Natural Language Processing
- [ ] OHDSI APAC
- [ ] OHDSI APAC Steering Committee
- [ ] OHDSI Steering Committee
- [ ] Oncology
- [ ] Patient-Generated Health Data
- [ ] Pharmacovigiliance Evidence Investigation
- [ ] Phenotype Development and Evaluation
- [ ] Population-Level Effect Estimation / Patient-Level Prediction
- [ ] Psychiatry
- [ ] Registry (formerly UK Biobank)
- [ ] Surgery and Perioperative Medicine
- [ ] Vaccine Safety
- [ ] Vaccine Vocabulary
- [ ] Women of OHDSI

6. Select the chapter(s) you want to join

- [ ] Australia
- [ ] China
- [ ] Europe
- [ ] Japan
- [ ] Korea
- [ ] Singapore
- [ ] Taiwan

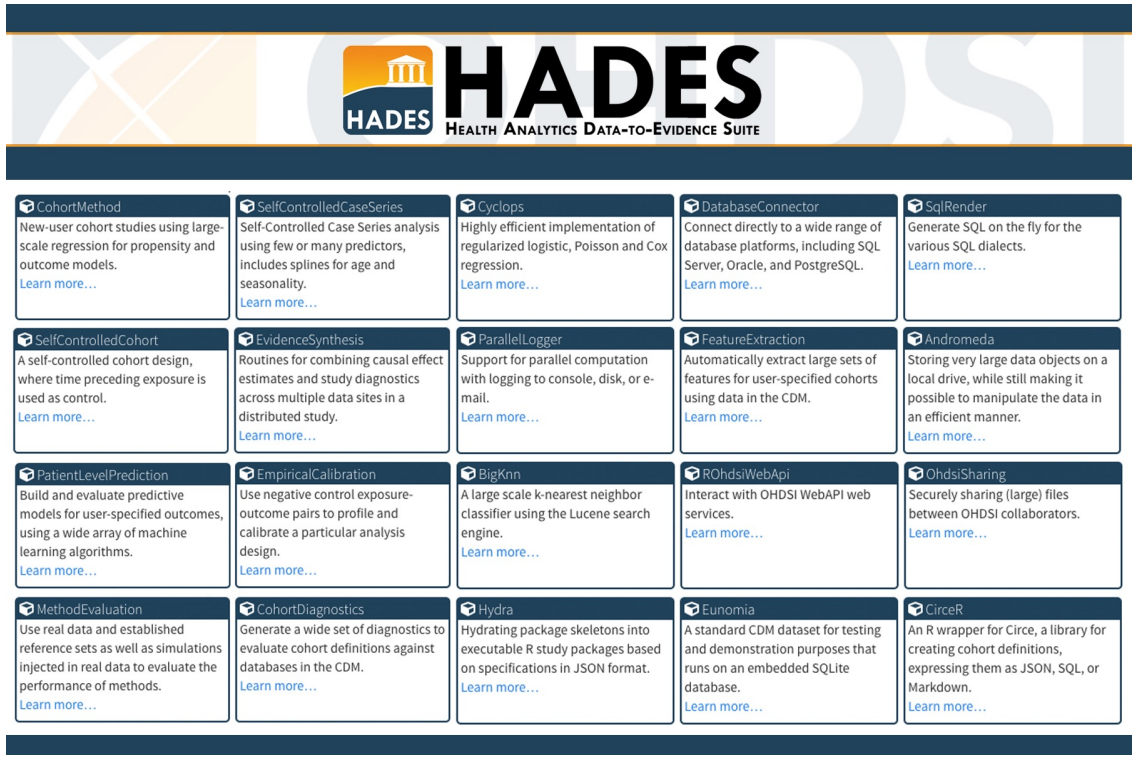
7. Select the studies you want to join

- [ ] HERA-Health Equity Research Assessment
- [ ] PIONEER for Prostate Cancer (study-a-thon ended)
- [ ] SCYLLA (SARS-Cov-2 Large-scale Longitudinal Analyses)

HADES Unit-Test-A-Thon: July 14-16

There will be a **HADES Unit-Test-A-Thon** held July 14-16, which aims to increase the coverage of all HADES packages to above 80%. If you have R experience, this is a great opportunity for you to:

- **improve the reliability of HADES tools** (which are critical to our community success)
- **learn more about OHDSI software**
- **have fun with our global collaborators!**



Forum Post: More Info & Registration Link

2-Day ETL Training Led By OHDSI APAC

The OHDSI APAC team announced that there will be **a 2-day ETL training on August 12-13** (APAC time zone).

This training will include the source data analysis, ETL development, and data quality check aspects of an OMOP conversion process.

The registration deadline is July 23.

Registration Link

EMA Call for Tenders for RWD Subscription

Peter Rijnbeek recently shared the news that the EMA has launched a new call for tenders for Real World Data subscription.

The purpose of the call is to get access to and use of a set of individual patient-level databases drawn from the population receiving primary care, specialist care or hospital care in the EEA countries.

The application deadline is July 30.

The call is split into 3 lots as follows:

- Lot 1: Primary health care or claims database from a Southern European country (included countries: Cyprus, Greece, Italy, Malta, Portugal, Spain).
- Lot 2: Primary health care or claims database from an Eastern European country (included countries: Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia, Slovenia).
- Lot 3: Hospital database from any EEA country.

LinkedIn Post from EMA

New OHDSI Authorship Guidance Sheet

OHDSI follows the ICMJE guidelines for authorship requirements.

The OHDSI Steering Group recently created this OHDSI Authorship Guidance sheet, which can help establish clear guidelines in the process.

This form is available on OHDSI.org under both the “OHDSI Studies” and “Resources” dropdowns.

OHDSI Authorship Guidance

This document aims to help determine who qualifies for authorship on an OHDSI scientific paper.

Authorship requirements

OHDSI follows the ICMJE guidelines for authorship requirements:

- **Substantial** contributions to
  - the **conception** or **design** of the work, OR
  - the **acquisition** of, or **access** to the data, OR
  - **analysis** of the data, OR
  - **interpretation** of results

AND

- **Drafting** the work or **reviewing** it critically for important intellectual content,

AND

- Final **approval** of the version to be published,

AND

- Agreement to be **accountable** for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

Those who contributed to the paper but do not meet these requirements may be included in the acknowledgement section of the paper.

Lead / senior author

The contributor who did most of the work is the lead / senior author and can choose to be either the first or the last author.

When writing a paper

Before initiating the paper

Make sure authors are aware of OHDSI's authorship requirements (e.g. by pointing to this document).

While writing the paper

Authors can self-identify as authors when they believe they meet the criteria by

- adding their name to the manuscript, and
- writing a short text (one or two sentences) how they meet the 1st criterium (Substantial contribution to the conception or design of the study, the acquisition of or access to the data, analysis of the data, and interpretation of results).

For this purpose, a table can be added to the start of the manuscript.

When submitting

The lead / senior author has **final authority** to decide on whether authors meet the criteria, and may remove authors after communicating with them. The lead / senior author also decides the author order.

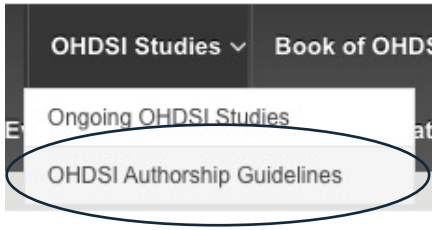
Examples

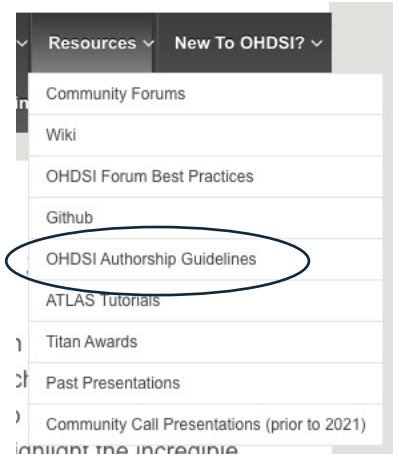
Scenarios where the contributor **meets** the criteria for authorship (assuming the contributor also reviews and approves the manuscript and agrees to be held accountable):

- Interpreting the data and writing the first full draft of the manuscript, including outline.
- Contributing to the design of the study, for example by reviewing negative controls.
- Creating cohort definitions used in the study.
- Developing the study package implementing the study.
- Performing a literature review informing the design of the study.
- Performing a literature review, and putting the study results in the context of the prior research.
- Helping interpret results by contributing to the discussion of the results.
- Performing a statistical analysis of the data.
- Designing novel visualizations of the results.
- Executing the study by using OHDSI's standardized analytical tools (e.g. ATLAS).
- Providing technical support for the execution of the study, for example debugging the study package execution at a site.
- Having developed software used in the study.
- Having converted data used in the study to the Common Data Model.

Scenarios where the contributor **does not meet** the criteria for authorship:

- Editing the manuscript for grammatical mistakes.
- Making minor edits to the choice of words in the manuscript.
- Attending meetings without making substantial contributions to the discussion.
- Executing the study package on data, but not reviewing the manuscript.
- Being the manager / superior of someone who made substantial contributions to the paper.
- (Re)formatting the paper for a specific journal.
- Having developed software used in the study, but not reviewing the manuscript.
- Having converted data to the Common Data Model, but not reviewing the manuscript.





CBER Seminar Series

The next edition of the CBER BEST Initiative Seminar Series will be **July 28 at 11 am ET. Jessica Gronsbell** (University of Toronto) will present a talk on "**Statistical learning with electronic health records data**."

Get more information and register by using the link below.

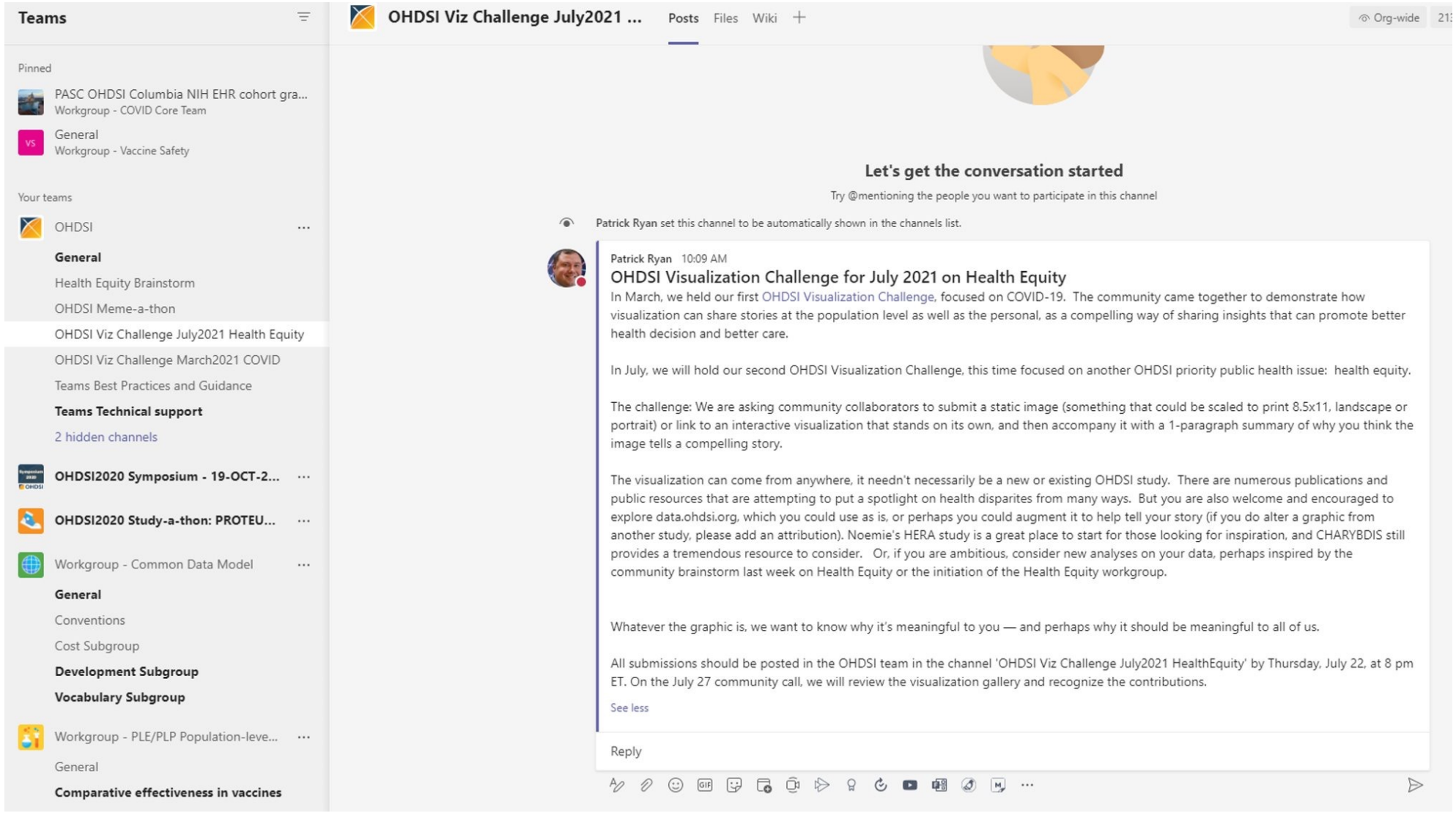
BEST

Webinar Registration

Topic	CBER BEST Initiative Seminar Series - Statistical learning with electronic health records data
Description	The adoption of electronic health records (EHRs) has generated massive amounts of routinely collected medical data with potential to improve our understanding of healthcare delivery and disease processes. However, the analysis of EHR data remains both practically and methodologically challenging as it is recorded as a byproduct of billing and clinical care, and not for research purposes. In this talk, I will discuss methods that bridge classical statistical theory and modern machine learning tools in an effort to efficiently and reliably extract insight from EHR data. I will focus primarily on (i) the challenges in obtaining annotated outcome data, such as presence of a disease or clinical condition, from patient records and (ii) how to reduce the annotation burden by leveraging unlabeled data in model estimation and evaluation. Presented by: Dr. Jessica Gronsbell, University of Toronto
Time	Jul 28, 2021 11:00 AM in Eastern Time (US and Canada)

Register Here

July 27 Visualization Challenge



2021 Global Symposium: Sept. 12-15

2021 Global OHDSI Symposium

We are excited to announce that general registration for the 2021 Global OHDSI Symposium, which will be held virtually in Microsoft Teams, Sept. 12-15, is now open! This will be our seventh annual OHDSI Symposium, and it will provide another opportunity for our community to come together, share ideas, learn from each other and network with our fellow collaborators.

We are working on many details for the four-day event, which will feature plenary talks, a state of the community presentation and our collaborator showcase. One detail has not changed — the symposium remains free to attend and is open to anybody, whether you are a community veteran or a newcomer looking to learn more about how we generate real-world evidence that promotes better health decisions and better care.

Please continue to check the OHDSI website (www.ohdsi.org) and the OHDSI social platforms periodically for updates as we plan for a rewarding, online event!

What Can You Expect At #OHDSI2021?

The 2021 Global OHDSI Symposium will be held virtually for the second straight year. This allows both veteran collaborators and those new to OHDSI from around the world to come together and share ideas, learn from each other and enjoy the spirit of our community. If you missed our 2020 Global Symposium, check out the link below to get a sense of what takes place during our biggest event of the year.

The 2020 Global Symposium

While we are excited to again create an opportunity for everyone to participate in the Symposium for free if they choose, there are costs associated with coordinating all OHDSI community activities. To help offset these costs, we provide the additional optional opportunity for participants to support the OHDSI community through 'registration contribution' and 'optional registration fee' tickets. Thank you in advance for your generous support! **Should you require a tax receipt for your contribution, please email symposium@ohdsi.org BEFORE you make the contribution through the Eventbrite registration site.**

In addition, as all OHDSI activities depend largely on government grants and organization sponsorships, please email symposium@ohdsi.org if you would like to consider sponsorship opportunities for this year's symposium.

Should you wish to change or cancel your registration ticket, kindly log into your Eventbrite account where you may edit or cancel your free registration ticket at any time. Registration contribution tickets/optional registration fee tickets are non-refundable; however, if you need to make changes to this ticket, kindly email us at symposium@ohdsi.org. Also, if you make any changes to your registration ticket such as a name change or update an email address, please email us at symposium@ohdsi.org to inform us as well. Thank you!

To Register for the 2021 Global OHDSI Symposium, please click the button below:

Register For #OHDSI2021 Here!

Symposium Information and Registration

Where Are We Going?

Any other announcements of upcoming work, events, deadlines, etc?

Three Stages of The Journey

Where Have We Been?

Where Are We Now?

Where Are We Going?

July 13 Community Call: PROTEUS Presentation

(Predicting & Recalibrating Outcomes Toward External Understanding Study)

David Kent

Professor of Medicine, Clinical & Translational Science

Tufts Medical Center

Benjamin Wessler

Director, Valve Center; Assistant Professor

Tufts University School of Medicine