Community Brainstorm: Health Equity

OHDSI Community Call
June 22, 2021 • 11 am ET

Upcoming OHDSI Community Calls

Date	Topic
June 22	Community Brainstorm: Health Equity Research
June 29	Focus Topic: EUMEAUS (Evaluating Use of Methods for Adverse Event Under Surveillance)
July 6	Meet & Greet New OHDSI Collaborators
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	Visualization Challenge

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June 29: EUMAEUS Presentation

Evaluating Use of Methods for Adverse Event Under Surveillance

Literature review

Lana Lai

Combining Methods in a Safety Surveillance System

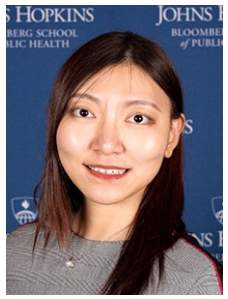
Faaizah Arshad

Overview of the EUMAEUS Experiment Design

Marc Suchard

Estimation for Two-Dose Vaccines

Ty Stanford



Bias, precision and timeliness of historical rate comparison methods

Xintong Li

Comparison of performance across methods

Martijn Schuemie

Three Stages of The Journey

Where Have We Been?

Where Are We Now?

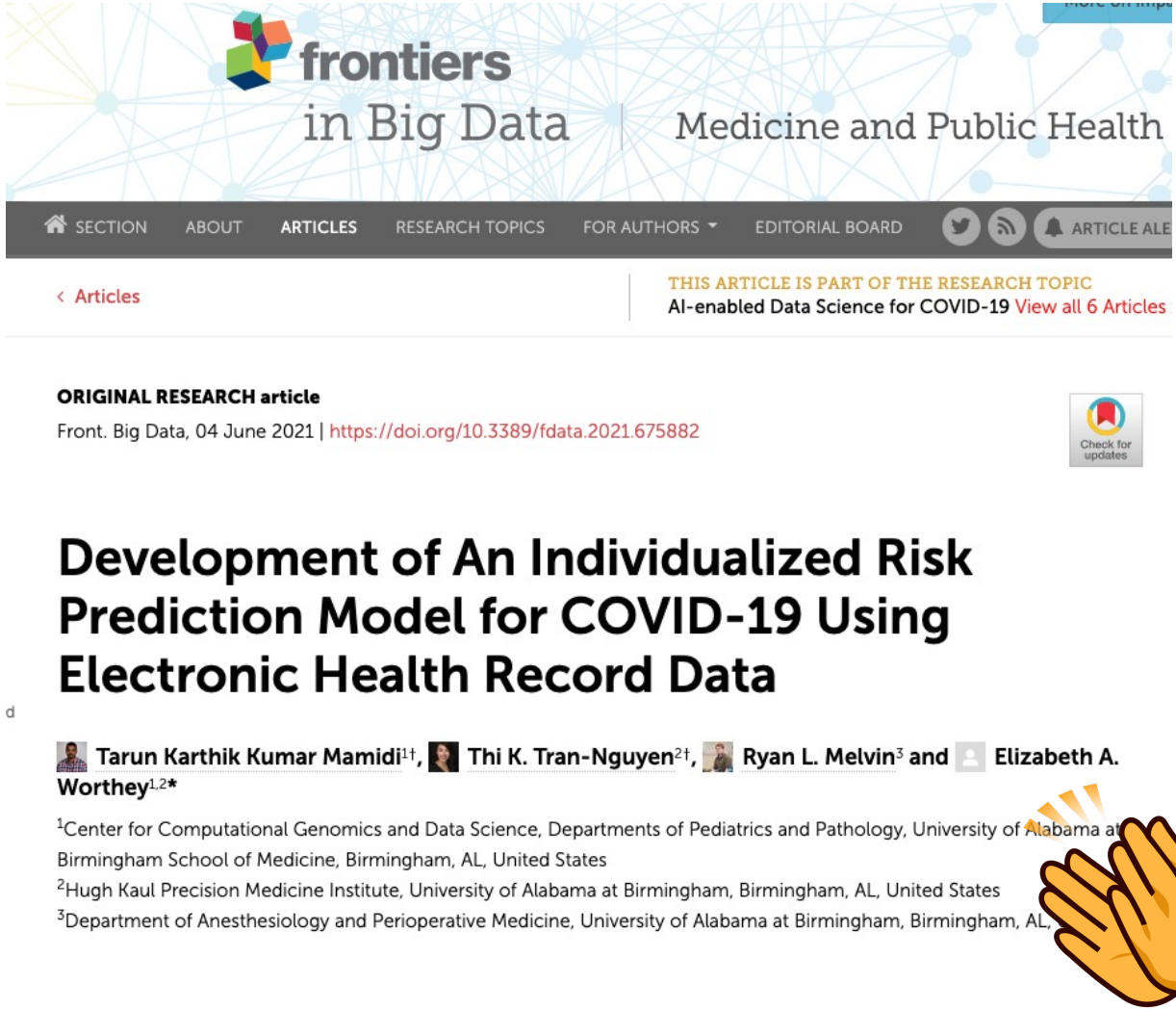
Where Are We Going?

OHDSI Shoutouts!

Congratulations to **Junghwan Lee, Cong Liu, Jae Hyun Kim, Alex Butler, Ning Shang, Chao Pang, Karthik Natarajan, Patrick Ryan, Casey Ta, and Chunhua Weng** for the study "**Comparative effectiveness of medical concept embedding for feature engineering in phenotyping**" that was published recently in *JAMIA Open*.

OHDSI Shoutouts!

Congratulations to **Tarun Karthik Kumar Mamidi, Thi Tran-Nguyen, Ryan Melvin and Elizabeth Worthey** for the study "**Development of An Individualized Risk Prediction Model for COVID-19 Using Electronic Health Record Data**" that was published recently in *Frontiers in Big Data.*



frontiers in Big Data | Medicine and Public Health

SECTION ABOUT ARTICLES RESEARCH TOPICS FOR AUTHORS EDITORIAL BOARD ARTICLE ALE

‹ Articles

THIS ARTICLE IS PART OF THE RESEARCH TOPIC
AI-enabled Data Science for COVID-19 View all 6 Articles

ORIGINAL RESEARCH article

Front. Big Data, 04 June 2021 | https://doi.org/10.3389/fdata.2021.675882

Check for updates

Development of An Individualized Risk Prediction Model for COVID-19 Using Electronic Health Record Data

Tarun Karthik Kumar Mamidi[1†], Thi K. Tran-Nguyen[2†], Ryan L. Melvin[3] and Elizabeth A. Worthey[1,2*]

[1]Center for Computational Genomics and Data Science, Departments of Pediatrics and Pathology, University of Alabama at Birmingham School of Medicine, Birmingham, AL, United States
[2]Hugh Kaul Precision Medicine Institute, University of Alabama at Birmingham, Birmingham, AL, United States
[3]Department of Anesthesiology and Perioperative Medicine, University of Alabama at Birmingham, Birmingham, AL,

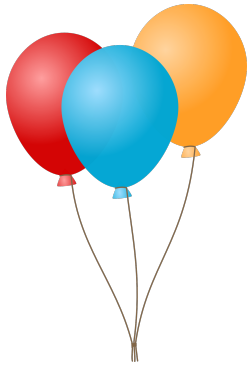
OHDSI Shoutouts!

Congratulations to our **EHDEN colleagues,** which added 41 new data partners in its most recent call, including

- 7 new nations (Greece, Bulgaria, Israel, Norway, Sweden, Switzerland and Luxembourg)
- 12 new data partners which have a focus on oncology

www.ehden.eu

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?

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Upcoming Workgroup Calls

Date	Time (ET)	Meeting
Thursday	8 am	Psychiatry
Thursday	1 pm	OMOP CDM Oncology – CDM/Vocabulary Subgroup
Friday	10 am	Clinical Trials
Friday	10 am	Electronic Health Record
Friday	1 pm	Phenotype Development and Evaluation
Monday	11:30 pm	Pharmacovigilance Evidence Investigation (PEI)
Tuesday	9 am	OMOP CDM Oncology – Genomic Subgroup
Tuesday	3 pm	Health Equity *(FIRST MEETING)*

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

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

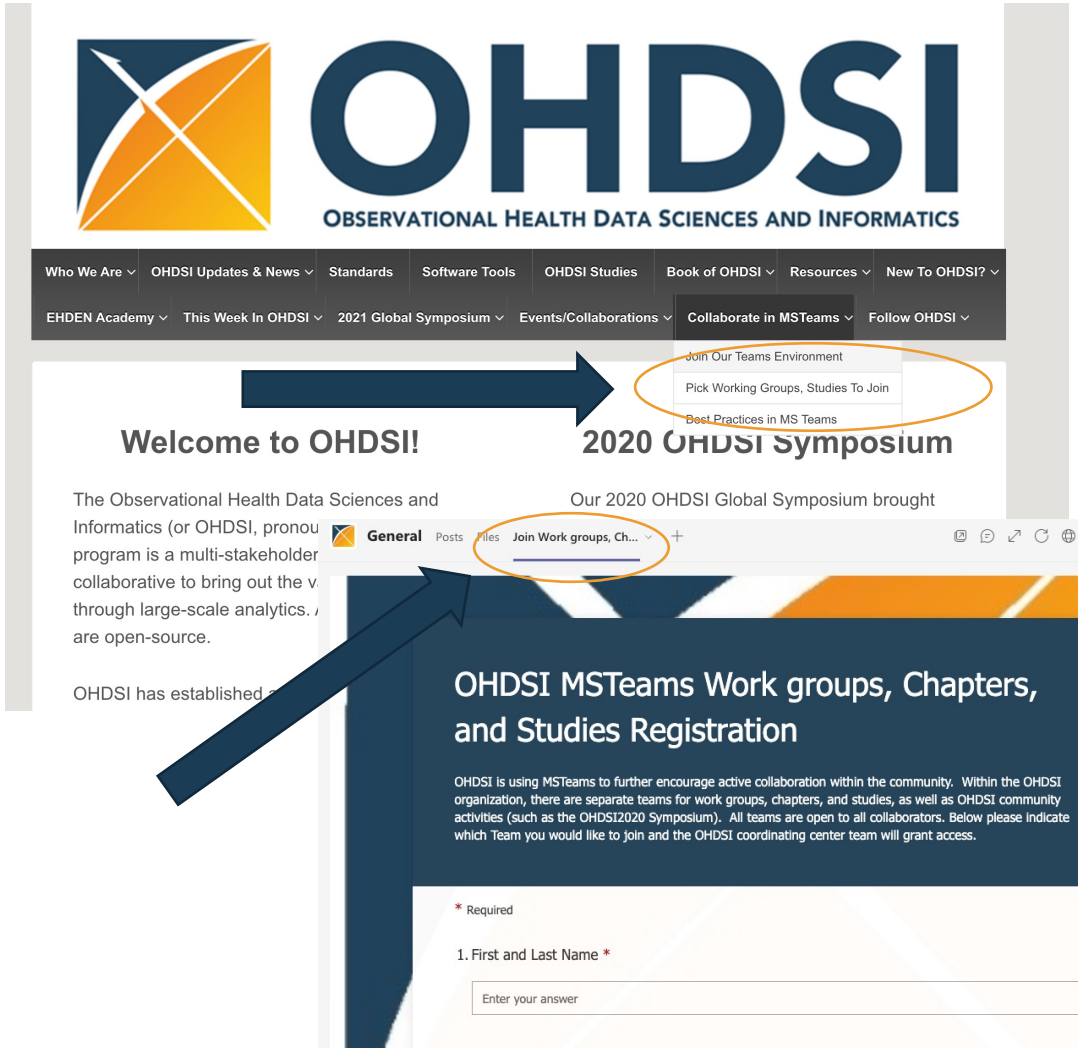
6. Select the chapter(s) you want to join

- [ ] 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



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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 6 Community Call: Meet & Greet

During the July 6 call, we want to give members of the community a chance to let us know a bit more about them.

- Introduce yourself
- What is your background?
- How do you hope to contribute?
- How can OHDSI support you?

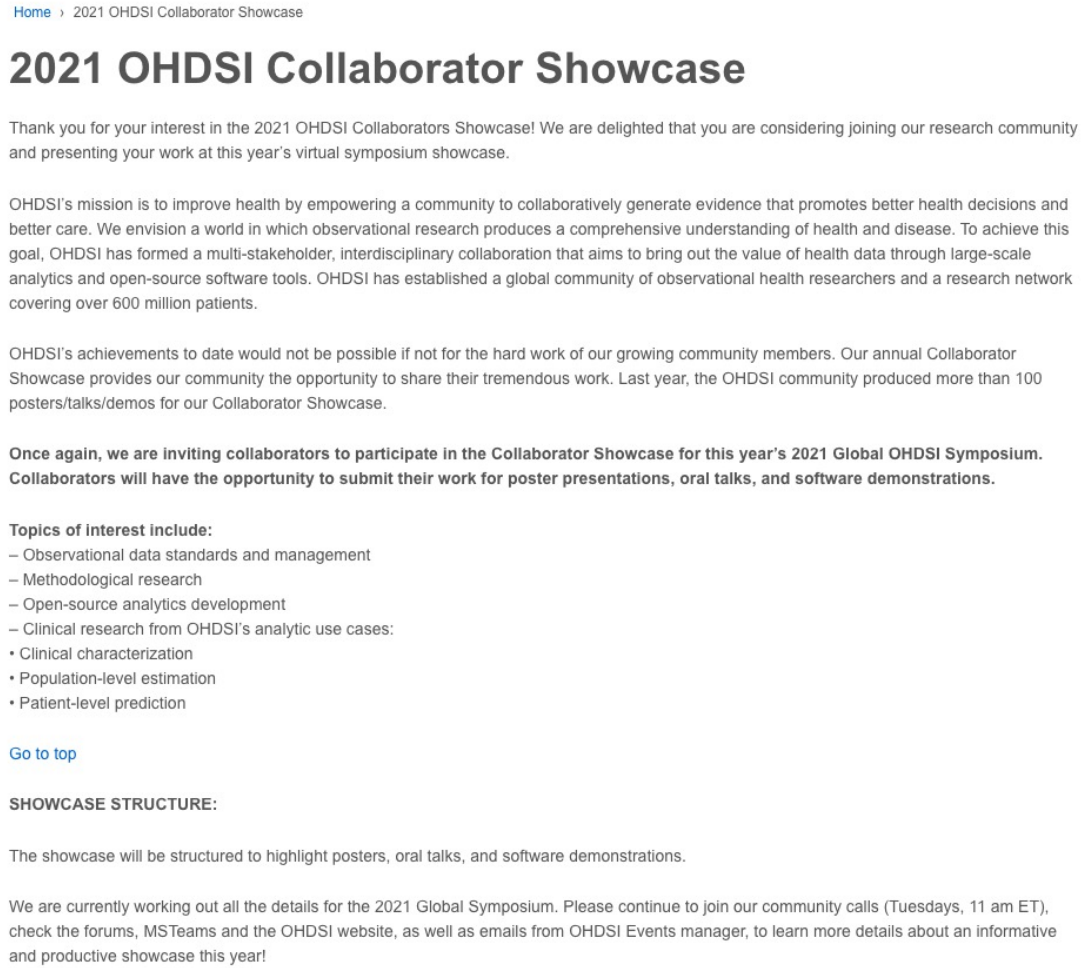
Help us continue to build this community!

Contact Craig Sachson (sachson@ohdsi.org) to participate

Collaborator Showcase

We received more than 110 submissions for the Collaborator Showcase!

If you have been selected to present your work for the 2021 Symposium Collaborators Showcase, you will be notified via email by **Monday, August 2**.



Home › 2021 OHDSI Collaborator Showcase

2021 OHDSI Collaborator Showcase

Thank you for your interest in the 2021 OHDSI Collaborators Showcase! We are delighted that you are considering joining our research community and presenting your work at this year's virtual symposium showcase.

OHDSI's mission is to improve health by empowering a community to collaboratively generate evidence that promotes better health decisions and better care. We envision a world in which observational research produces a comprehensive understanding of health and disease. To achieve this goal, OHDSI has formed a multi-stakeholder, interdisciplinary collaboration that aims to bring out the value of health data through large-scale analytics and open-source software tools. OHDSI has established a global community of observational health researchers and a research network covering over 600 million patients.

OHDSI's achievements to date would not be possible if not for the hard work of our growing community members. Our annual Collaborator Showcase provides our community the opportunity to share their tremendous work. Last year, the OHDSI community produced more than 100 posters/talks/demos for our Collaborator Showcase.

Once again, we are inviting collaborators to participate in the Collaborator Showcase for this year's 2021 Global OHDSI Symposium. Collaborators will have the opportunity to submit their work for poster presentations, oral talks, and software demonstrations.

Topics of interest include:
– Observational data standards and management
– Methodological research
– Open-source analytics development
– Clinical research from OHDSI's analytic use cases:
• Clinical characterization
• Population-level estimation
• Patient-level prediction

Go to top

SHOWCASE STRUCTURE:

The showcase will be structured to highlight posters, oral talks, and software demonstrations.

We are currently working out all the details for the 2021 Global Symposium. Please continue to join our community calls (Tuesdays, 11 am ET), check the forums, MSTeams and the OHDSI website, as well as emails from OHDSI Events manager, to learn more details about an informative and productive showcase this year!

Where Are We Going?

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

Three Stages of The Journey

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June 22: Community Brainstorm on Health Equity

Discussion Moderators

Noémie Elhadad

Associate Professor of Biomedical Informatics; Vice Chair, Research, Columbia University

Jake Gillberg

Health Equity WG Lead; Software Development Analyst, Tufts Clinical and Translational Science Institute

Jody-Ann McLeggon

Program Manager, OHDSI and Columbia University