



The EUMAEUS Project

Evaluating Use of Methods for
Adverse Event Under Surveillance

OHDSI Community Call
June 29, 2021 • 11 am ET



Upcoming OHDSI Community Calls

Date	Topic
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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July 27	Visualization Challenge



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



Three Stages of The Journey

Where Have We Been?

Where Are We Now?

Where Are We Going?





OHDSI Shoutouts!

Congratulations to **Noha Sharafeldin, Benjamin Bates, Qianqian Song, Vithal Madhira, Yao Yan, Sharlene Dong, Eileen Lee, Nathaniel Kuhrt, Yu Raymond Shao, Feifan Liu, Timothy Bergquist, Justin Guinney, Jing Su, and Umit Topaloglu** for the study “**Outcomes of COVID-19 in Patients with Cancer: Report from the National COVID Cohort Collaborative (N3C)**” that was published recently in the *Journal of Clinical Oncology*.

Journal of Clinical Oncology[®]
An American Society of Clinical Oncology Journal

Enter words / phrases / DOI / ISBN / authors / keywords / etc.

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RAPID COMMUNICATIONS | Epidemiology

Outcomes of COVID-19 in Patients With Cancer: Report From the National COVID Cohort Collaborative (N3C)

Check for updates

[Noha Sharafeldin](#) , MD, PhD, MSc¹ ; [Benjamin Bates](#) , MD²; [Qianqian Song](#) , PhD³; [Vithal Madhira](#) , MS⁴; [Yao Yan](#) , BS^{5,6}; [Sharlene Dong](#) , MS³; ...

[Show More](#)

Abstract Full Text PDF Figures and Tables

ABSTRACT

Choose

PURPOSE

Variation in risk of adverse clinical outcomes in patients with cancer and COVID-19 has been reported from relatively small cohorts. The NCATS' National COVID Cohort Collaborative (N3C) is a centralized data resource representing the largest multicenter cohort of COVID-19 cases and controls nationwide. We

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COMPANION ARTICLES

No companion articles

ARTICLE CITATION

DOI: 10.1200/JCO.21.01074 *Journal of Clinical Oncology*

Published online June 04, 2021

PMID: [34085531](#)

WE RECOMMEND





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!





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Upcoming Workgroup Calls




Date	Time (ET)	Meeting
Tuesday	3 pm	Health Equity (<i>FIRST MEETING</i>)
Wednesday	8 am	Vaccine Vocabulary
Wednesday	10 am	OMOP CDM Oncology – Development Subgroup
Thursday	1 pm	Patient-Level Prediction/Population Level Estimation (Western Hemi)
Thursday	1 pm	OMOP CDM Oncology – CDM/Vocabulary Subgroup
Friday	1 pm	Phenotype Development and Evaluation
Monday	11:30 pm	Pharmacovigilance Evidence Investigation (PEI)
Monday	10 am	GIS-Geographic Information System
Tuesday	9 am	OMOP CDM Oncology – Genomic Subgroup

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



Get Access To Different Teams/WGs/Chapters



OHDSI

OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS

[Who We Are](#) [OHDSI Updates & News](#) [Standards](#) [Software Tools](#) [OHDSI Studies](#) [Book of OHDSI](#) [Resources](#) [New To OHDSI?](#)

[EHDEN Academy](#) [This Week In OHDSI](#) [2021 Global Symposium](#) [Events/Collaborations](#) [Collaborate in MSTeams](#) [Follow OHDSI](#)

Welcome to OHDSI!

The Observational Health Data Sciences and Informatics (or OHDSI, pronounced "Odyssey") program is a multi-stakeholder, interdisciplinary collaborative to bring out the value of health data through large-scale analytics. All our solutions are open-source.

OHDSI has established an international network

2020 OHDSI Symposium

Our 2020 OHDSI Global Symposium brought together a global research community for 18 hours of open science, international collaboration and community fun. The day included research presentations from community members, panels that brought together leaders from major healthcare organizations, as well as network sessions, the annual collaborator

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
- ☐ Pharmacovigilance 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

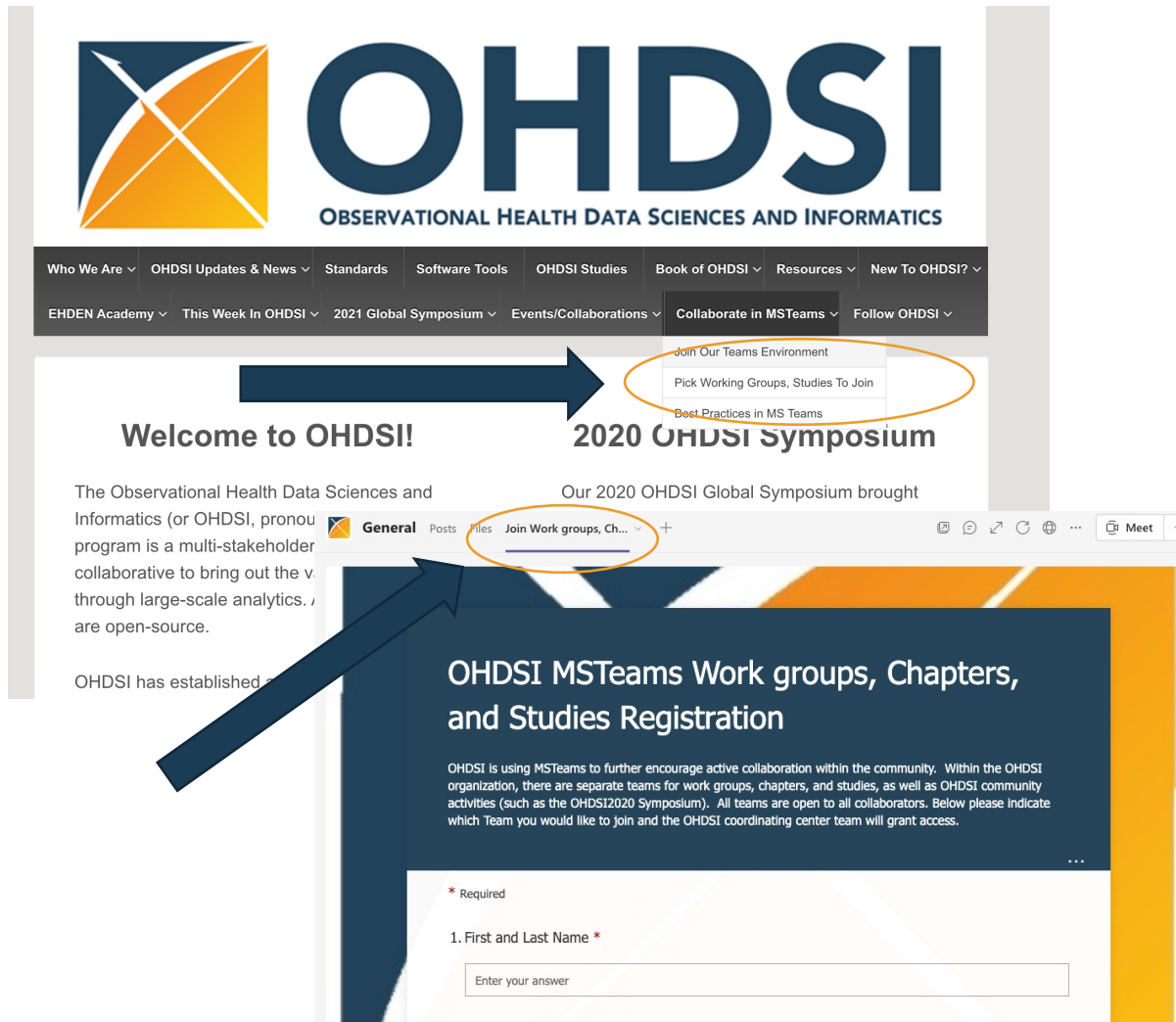
7. Select the studies you want to join

☐ 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



The screenshot shows the OHDSI website with the following elements:

- Header:** OHDSI OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS
- Navigation Bar:** Who We Are, OHDSI Updates & News, Standards, Software Tools, OHDSI Studies, Book of OHDSI, Resources, New To OHDSI?, EHDSN Academy, This Week In OHDSI, 2021 Global Symposium, Events/Collaborations, Collaborate in MStTeams, Follow OHDSI.
- Main Content:** Welcome to OHDSI! The Observational Health Data Sciences and Informatics (or OHDSI, pronounced "oh-dsee") program is a multi-stakeholder collaborative to bring out the value through large-scale analytics. OHDSI has established...
- Annotations:** A blue arrow points from the "Collaborate in MStTeams" link in the navigation bar to a dropdown menu. The dropdown menu contains: "Join Our Teams Environment", "Pick Working Groups, Studies To Join", and "Best Practices in MS Teams". Another blue arrow points from the "Pick Working Groups, Studies To Join" option to a "Join Work groups, Ch..." link in a sidebar. A third blue arrow points from the "Join Work groups, Ch..." link to the "OHDSI MStTeams Work groups, Chapters, and Studies Registration" form.
- Registration Form:** OHDSI MStTeams Work groups, Chapters, and Studies Registration. OHDSI is using MStTeams to further encourage active collaboration within the community. Within the OHDSI organization, there are separate teams for work groups, chapters, and studies, as well as OHDSI community activities (such as the OHDSI2020 Symposium). All teams are open to all collaborators. Below please indicate which Team you would like to join and the OHDSI coordinating center team will grant access.

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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.



Webinar Registration



Topic	CBER BEST Initiative Seminar Series - Statistical learning with electronic health records data
Description	<p>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.</p> <p>Presented by: Dr. Jessica Gronsbell, University of Toronto</p>
Time	Jul 28, 2021 11:00 AM in Eastern Time (US and Canada)



[Register Here](#)



July 27 Visualization Challenge



Where Are We Going?

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





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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



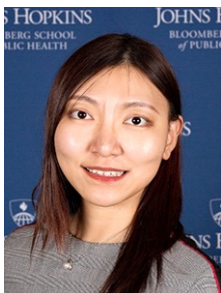
Overview of the EUMAEUS Experiment Design

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