OHDSI Meet & Greet

OHDSI Community Call
July 6, 2021 • 11 am ET
## Upcoming OHDSI Community Calls

<table>
<thead>
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<td>Meet &amp; Greet New OHDSI Collaborators</td>
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July 13 Community Call: PROTEUS Presentation

David Kent
Professor of Medicine, Clinical & Translational Science, Tufts Medical Center

Benjamin Wessler
Director, Valve Center; Assistant Professor, Tufts University School of Medicine

Andrew Williams
Co-Director, Informatics, Tufts Clinical and Translational Science Institute
Three Stages of The Journey

Where Have We Been?
Where Are We Now?
Where Are We Going?
Congratulations to Christophe Gaudet-Blavignac, Jean Louis, Vasundra Touré, Sabine Österle, Katrin Crameri, and Christian Lovis for the study “A National, Semantic-Driven, Three-Pillar Strategy to Enable Health Data Secondary Usage Interoperability for Research Within the Swiss Personalized Health Network: Methodological Study” that was recently published in Jmir Medical Informatics.
Congratulations to João Rafael Almeida, João Figueira Silva, Sérgio Matos, and José Luís Oliveira for the study “A Two-Stage Workflow to Extract and Harmonize Drug Mentions from Clinical Notes into Observational Databases” that was recently published in the Journal of Biomedical Informatics.
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

<table>
<thead>
<tr>
<th>Date</th>
<th>Time (ET)</th>
<th>Meeting</th>
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<tbody>
<tr>
<td>Tuesday</td>
<td>1 pm</td>
<td>Common Data Model</td>
</tr>
<tr>
<td>Tuesday</td>
<td>3 pm</td>
<td>OMOP CDM Oncology – Outreach/Research Subgroup</td>
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<tr>
<td>Thursday</td>
<td>8 am</td>
<td>Psychiatry</td>
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<tr>
<td>Thursday</td>
<td>1 pm</td>
<td>OMOP CDM Oncology – CDM/Vocabulary Subgroup</td>
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<tr>
<td>Friday</td>
<td>10 am</td>
<td>Clinical Trials</td>
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<tr>
<td>Friday</td>
<td>10 am</td>
<td>Electronic Health Record</td>
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<tr>
<td>Friday</td>
<td>1 pm</td>
<td>Phenotype Development and Evaluation</td>
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<tr>
<td>Friday</td>
<td>11 pm</td>
<td>China Chapter</td>
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<tr>
<td>Monday</td>
<td>8 am</td>
<td>Early-Stage Researchers (Europe/East Coast/West Coast)</td>
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<tr>
<td>Monday</td>
<td>10 am</td>
<td>GIS-Geographic Information System</td>
</tr>
<tr>
<td>Tuesday</td>
<td>9 am</td>
<td>OMOP CDM Oncology – Genomic Subgroup</td>
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[webpage link](www.ohdsi.org/upcoming-working-group-calls)
Get Access To Different Teams/WGs/Chapters

Welcome to OHDSI!

The Observational Health Data Sciences and Informatics (OHDSI) 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.

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)

- XTAS
- 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 Longitudinal Analysis)
Get Access To Different Teams/WGs/Chapters

The Observational Health Data Sciences and Informatics (OHDSI) program is a multi-stakeholder collaborative to bring out the value through large-scale analytics of open-source data. OHDSI has established several teams (MSTeams), chapters, and workgroups.

1. Join the MSTeams Workgroups, Chapters, and Studies Registration

2. Pick Working Groups, Studies To Join

3. Get Access To Different Teams/WGs/Chapters

4. Join The Journey

5. Select the workgroups you want to join (you can refer to the wiki for work group objectives)

   - XTLAS
   - 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
   - PsyChology
   - Registry (formerly UK Biobank)
   - Surgery and Perioperative Medicine
   - Vaccine Safety
   - Vaccine Vocabulary
   - Women of OHDSI

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

   - Africa
   - China
   - Europe
   - Japan
   - Korea
   - Singapore
   - Taiwan

7. Select the studies you want to join

   - HIMM-Health Equity Research Assessment
   - PREDOMINATE for Prostate Cancer (study-1: trial ended)
   - SCYLLA (SARS-CoV-2) Large-scale Longitudinal Analysis

@OHDSI
www.ohdsi.org
#JoinTheJourney
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**
July OHDSI Newsletter Available

Community Updates

Where We’ve Been
- The largest, most extensive international study of the background rates of adverse events of special interest (AESI) being tracked in vaccine surveillance efforts show that adverse event rates vary substantially by age, sex, and method of data capture.
- Our colleagues within the EHEDN Consortium recently announced a total of 41 data partners have been selected. In our latest open call for data partners, combined, these new data partners represent over 78 million patient records, originating from various care settings.

Where We Are
- The new Health Equity Workgroup held its first meeting in late June, and it followed a community brainstorm on research challenges and opportunities in this area. If you would like to join this (or any of OHDSI’s 27 workgroups), please fill out this form.
- Our ELMA-EUS (Evaluating Use of Methods for Adverse Event Under Surveillance) team presented their study design and ongoing work at our most recent community call. This is important and exciting work with several papers in development, so please follow this space to learn more.

Where We’re Going
- We’re thrilled to have the most collaborator showcase submissions over this year. If you have been selected to present your work for the 2021 Symposium, you will be notified via email by Monday, August 2, 2021. Registration is OPEN for the 2021 Global Symposium, which will take place Sept. 12-15 in a virtual environment. More details will be shared in the next newsletter.
- The next edition of the CBER BEST Initiative Seminar Series will be this Wednesday, July 28, at 11 am. Jessica Gronsbell (University of Toronto) will present a talk on "Statistical learning with electronic health records data." The seminar series is open to everyone. More information and a registration link is available.

The July Newsletter (July 2021)

Vaccine surveillance and health equity were focal topics during an exciting month inside the OHDSI community, which received the most submissions ever for a Collaborator Showcase. #JoinTheJourney

Recent Publications


COVID vaccine surveillance efforts are a global priority, but safety monitoring for vaccines should not reflect a single global population. The largest international network study ever completed on the background rates of adverse events of special interest (AESI) being monitored in vaccine surveillance efforts identified that these rates vary substantially by age, sex, and database.

Led by researchers at Oxford University, Columbia University, Erasmus MC, UCLA, and Janssen, an international team of collaborators within the Observational Health Data Sciences and Informatics (OHDSI) network published a timely reference of the background rates of AESIs in the recent study “Characterising the background incidence rates of adverse events of special interest for COVID-19 vaccines in eight countries: multinational network cohort study” published June 14 by The BMJ.

There were significant differences in the observed rates of AESIs based on the age groups and sex of more than 132 million people across four continents and 13 total databases in this observational study. Furthermore, differences were observed across people in distinct databases.

Largest, Most Extensive Measurement of Adverse Events Background Rates Can Inform Safety Monitoring Efforts For COVID Vaccines

Dani Prieto-Alhambra

We knew regulators would be monitoring a long list of events for the surveillance of COVID vaccines safety. To do this, they need robust estimates of the background rates of these events in historical data. These results can be used as benchmark for the monitoring of these potential safety events and for any upcoming COVID-19 vaccines.

COVID Vaccine Surveillance Efforts are a Global Priority, but Safety Monitoring for Vaccines Should Not Reflect a Single Global Population. The Largest International Network Study Ever Completed on the Background Rates of Adverse Events of Special Interest (AESIs) Being Monitored in Vaccine Surveillance Efforts Identified That These Rates Vary Substantially by Age, Sex, and Database. This Study Used Data from Eight Countries to Characterize the Background Incidence Rates of Adverse Events of Special Interest for COVID-19 Vaccines in Eight Countries: Multinational Network Cohort Study. Published June 14 by The BMJ.
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.

Register Here
July 27 Visualization Challenge

Let's get the conversation started
Try @mentioning the people you want to participate in this channel.

Patrick Ryan, 10:09 AM

OHDSI Visualization Challenge for July 2021 on Health Equity

In March, we held our first OHDSI Visualization Challenge, focused on COVID-19. The community came together to demonstrate how visualization can share stories at the population level as well as the personal, as a compelling way of sharing insights that can promote better health decision and better care.

In July, we will hold our second OHDSI Visualization Challenge, this time focused on another OHDSI priority public health issue: health equity.

The challenge: We are asking community collaborators to submit a static image (something that could be scaled to print 8.5x11, landscape or portrait) or link to an interactive visualization that stands on its own, and then accompany it with a 1-paragraph summary of why you think the image tells a compelling story.

The visualization can come from anywhere, it needn't necessarily be a new or existing OHDSI study. There are numerous publications and public resources that are attempting to put a spotlight on health disparities from many ways. But you are also welcome and encouraged to explore data.ohdsi.org, which you could use as is, or perhaps you could augment it to help tell your story. (If you do alter a graphic from another study, please add an attribution).

Noemie's HERA study is a great place to start for those looking for inspiration, and CHARBDIS still provides a tremendous resource to consider. Or, if you are ambitious, consider new analyses on your data, perhaps inspired by the community brainstorm last week on Health Equity or the initiation of the Health Equity Workgroup.

Whatever the graphic is, we want to know why it’s meaningful to you — and perhaps why it should be meaningful to all of us.

All submissions should be posted in the OHDSI team in the channel 'OHDSI Viz Challenge July2021 HealthEquity' by Thursday, July 22, at 6 pm ET. On the July 27 community call, we will review the visualization gallery and recognize the contributions.
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.

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

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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!