Workgroup Updates

OHDSI Community Call
April 19, 2022 • 11 am ET
# Upcoming OHDSI Community Calls

<table>
<thead>
<tr>
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<tr>
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<tr>
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<tr>
<td>May 10</td>
<td>Mother’s Day-Themed Breakouts</td>
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<tr>
<td>May 17</td>
<td>OHDSI Debates</td>
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# Upcoming OHDSI Community Calls

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April 26 Community Call: Open Source Community

Panel Discussion Review
Lee Evans
Owner • LTS Computing LLC

State Of Open-Source Community
Paul Nagy
Associate Professor • Johns Hopkins School of Medicine

Keynote Summation
Martijn Schuemie
Research Fellow, Epidemiology Analytics • Janssen Research and Development

State Of Open-Source Community
Adam Black
Data Sciences • Odysseus Data Services
Three Stages of The Journey

Where Have We Been?
Where Are We Now?
Where Are We Going?
Congratulations to the team of Luis John, Jan Kors, Jenna Reps, Patrick Ryan, and Peter Rijnbeek on the publication of “Logistic regression models for patient-level prediction based on massive observational data: Do we need all data?” in the International Journal of Medical Informatics.
Congratulations to the team of Yilu Fang, Betina Idnay, Yingcheng Sun, Hao Liu, Zhehuan Chen, Karen Marder, Hua Xu, Rebecca Schnall, and Chunhua Weng on the publication of “Combining human and machine intelligence for clinical trial eligibility querying” in JAMIA.
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?
<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>Wednesday</td>
<td>7 am</td>
<td>Medical Imaging</td>
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<td>Wednesday</td>
<td>9 am</td>
<td>Africa Chapter</td>
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<td>Wednesday</td>
<td>9 am</td>
<td>FHIR and OMOP Data Model Harmonization Subgroup (ZOOM)</td>
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<tr>
<td>Wednesday</td>
<td>11 am</td>
<td>Open-Source Community</td>
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<tr>
<td>Wednesday</td>
<td>12 pm</td>
<td>Health Equity Journal Club</td>
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<td>Wednesday</td>
<td>12 pm</td>
<td>FHIR and OMOP Terminologies Subgroup (ZOOM)</td>
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<tr>
<td>Thursday</td>
<td>10 am</td>
<td>Data Quality Dashboard</td>
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<tr>
<td>Thursday</td>
<td>12 pm</td>
<td>HADES</td>
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<tr>
<td>Thursday</td>
<td>12 pm</td>
<td>FHIR and OMOP Oncology Subgroup</td>
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<tr>
<td>Thursday</td>
<td>1 pm</td>
<td>OMOP CDM Oncology Vocabulary Subgroup</td>
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<tr>
<td>Friday</td>
<td>9 am</td>
<td>Education</td>
</tr>
<tr>
<td>Friday</td>
<td>9 am</td>
<td>GIS – Geographic Information System General</td>
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<tr>
<td>Friday</td>
<td>10 am</td>
<td>Phenotype Development and Evaluation</td>
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<tr>
<td>Friday</td>
<td>11:30 am</td>
<td>Steering Group</td>
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<tr>
<td>Monday</td>
<td>10 am</td>
<td>Healthcare Systems Interest Group</td>
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<tr>
<td>Tuesday</td>
<td>9 am</td>
<td>OMOP CDM Oncology Genomic Subgroup</td>
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Get Access To Different Teams/WGs/Chapters

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 of researchers and observational health databases with a central coordinating center housed at Columbia University.

Read more about us, about our goals, and how you can help support the OHDSI community.  

2022 OHDSI Symposium

The 2022 OHDSI Symposium will be held Oct. 14-16 at the Bethesda North Marriott Hotel & Conference Center, and registration has opened.

We will hold the main conference on Friday, Oct. 14, which will include our collaborator showcase. On Saturday, Oct. 15, we will hold a full-day tutorial called “An Introductory Journey From Data To Evidence.” There will be other community activities during the weekend as well. Please check out the symposium home page to learn more and register!

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
- Eyecare and Vision Research
- FHIR and OMOP
- Geographic Information System (GIS)
- HADES Health Analytics Data-to-Evidence Suite
- Healthcare Systems Interest Group (formerly EHR)
- Health Equity
- Latin America
- Medical Devices
- Medical Imaging
- Natural Language Processing
- OHDSI APAC
- OHDSI APAC Steering Committee
- OHDSI Steering Committee
- Oncology
- Open-source Community
- Phenotype Development and Evaluation
- Population-Level Effect Estimation / Patient-Level Prediction
- Psychiatry
- Registry (formerly UK Biobank)
- Vaccine Evidence

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

- Africa
- Australia
- China
- Europe
- Japan
- Korea
- Singapore
- Taiwan
Get Access To Different Teams/WGs/Chapters

OHDSI MSTeams Work groups, Chapters, and Studies Registration

OHDSI is using MSTeams 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.

1. First and Last Name *

Enter your answer

OHDSI has established an international network of researchers and observational health databases with a central coordinating center at Cleveland Clinic Foundation.

Closing ceremony that focused on OHDSI’s work through the perspective of a patient.

There were also a pair of full-day activities, including the 2020 OHDSI Pre-Conference Workshop.

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


- ATLAS
- Clinical Trials
- Common Data Model
- Data Quality Dashboard Development
- Early-stage Researchers
- Education Work Group
- Eyecare and Vision Research
- PHR and OMOP
- Geographic Information System (GIS)
- HADES Health Analytics Data-to-Evidence Suite
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You can print a copy of your answer after you submit.
OHDSI Dev Con
April 22, 2022 (8 am – 12 pm)

The Open-Source Community is hosting the first Dev Con as a way of accepting and mentoring new contributors to our environment. We are planning multiple workshops, talks and a panel discussion to both welcome and engage both current and future developers within OHDSI.

Don’t miss this opportunity! Use the link at the bottom to register!

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<tbody>
<tr>
<td>8 am</td>
<td>Open-Source Workshops</td>
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<tr>
<td>10 am</td>
<td>State of the OHDSI Community (Paul Nagy, Adam Black)</td>
</tr>
<tr>
<td>10:20 am</td>
<td>Keynote – Grand Vision for OHDSI Software Ecosystem (Martijn Schuemie)</td>
</tr>
<tr>
<td>11 am</td>
<td>Industry Panel Discussion (How Do/Should We Connect It All Together?)</td>
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Are You Interested In …
- participating with an OHDSI project team?
- seeing ‘under the hood’ of the OHDSI engine?
- being mentored by professional developers?

Use This Link To Register Today!

bit.ly/OHDSIDev22
## DevCon Agenda

<table>
<thead>
<tr>
<th>Time (ET)</th>
<th>Track 1</th>
<th>Track 2</th>
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<tbody>
<tr>
<td><strong>8 am</strong></td>
<td>ATLAS (Anthony Sena)</td>
<td>HADES Introduction (Adam Black)</td>
</tr>
<tr>
<td><strong>8:30 am</strong></td>
<td>WebAPI (Anthony Sena)</td>
<td>CohortDiagnostics (James Gilbert)</td>
</tr>
<tr>
<td><strong>9 am</strong></td>
<td>White Rabbit/Rabbit In A Hat (Maxim Moinat)</td>
<td>Patient-Level Prediction (Jenna Reps)</td>
</tr>
<tr>
<td><strong>9:30 am</strong></td>
<td>Data Quality Dashboard (Clair Blacketer)</td>
<td>Cyclops (Marc Suchard)</td>
</tr>
<tr>
<td><strong>10 am</strong></td>
<td>State of OHDSI Development (Adam Black and Paul Nagy)</td>
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<td><strong>10:20 am</strong></td>
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| **11 am** | Panel Discussion (Putting The Pieces Together)  
Lee Evans - Broadsea (OHDSI)  
Cory Stevenson - OHDSI on Azure (Microsoft)  
James Wiggins – OHDSI on AWS (Amazon)  
Vivian Neilley - OHDSI on Google Cloud | |
Registration is OPEN for #OHDSI2022!

The 2022 OHDSI Symposium will be held Oct. 14-16 at the Bethesda North Marriott Hotel & Conference Center.
An Introductory Journey From Data To Evidence

OHDSI2022 Tutorial • Saturday, Oct. 15 • Bethesda, Md.

The OHDSI Journey: Where Are We Going?
- Patrick Ryan

OMOP Common Data Model and Vocabulary
- Clair Blacketer

ETL – A Source Database Into OMOP CDM
- Melanie Philofsky

Creating Cohort Definitions
- Asieh Golozar

Phenotype Evaluations
- Gowtham Rao

Characterization
- Kristin Kostka

Estimation
- Martijn Schuemie

Prediction
- Jenna Reps

The OHDSI Journey: Where Do We Go From Here?
- George Hripcsak
2022 European Symposium

EUROPEAN OHDSI SYMPOSIUM

Symposium: June 24th
Workshops: 25-26th

"All aboard!"
New Date!!

We'll meet again for one journey ahead

www.ohdsi-europe.org/symposium-2022
Dani Prieto-Alhambra’s team at Oxford is recruiting a Database Programmer to join the team. This position will contribute to the standardization and curation of large real world data from the UK and collaborate with the OHDSI, EHDEN and OPTIMA Oncology teams.

Deadline: May 23, 2022
Next CBER Best Seminar

Topic

CBER BEST Seminar Series - Addressing Selection and Confounding Bias in Test-Negative Study Designs for Flu and COVID-19 Monitoring

Description: The test-negative design (TND) has become a standard approach to evaluate vaccine effectiveness against the risk of acquiring infectious diseases such as Influenza, Rotavirus, Dengue fever and more recently COVID-19 in real world settings. Despite the TND's potential to reduce unobserved differences in healthcare seeking behavior (HSB) between vaccinated and unvaccinated subjects, substantial variability in unobserved HSB may remain among study participants. As latent HSB is likely also a strong predictor of selection into the TND sample, confounding bias of the vaccine's causal effect by latent HSB may be induced by collider stratification bias resulting from the TND.

Speakers

Dr. Eric Tchetgen Tchetgen

Luddy Family President's Distinguished Professor @Wharton School of the University of Pennsylvania

Eric J. Tchetgen Tchetgen is the Luddy Family President's Distinguished Professor at the Wharton School of the University of Pennsylvania. Professor Tchetgen Tchetgen comes to the University of Pennsylvania from Harvard University, where he has served since 2008 as Professor of Biostatistics and Epidemiologic Methods with joint appointments in the departments of Biostatistics and Epidemiology at the T.H. Chan School of Public Health. He researches infectious diseases, including HIV/AIDS, and the role of genetic and social factors in the patterns, causes, and effects of public health. Professor Tchetgen Tchetgen has received grants from the National Institutes of Health and the Centers for Disease Control. He completed his Ph.D. in Biostatistics at Harvard University in 2006 under the supervision of Professor James M. Robins. He received his B.S. in Electrical Engineering from Yale University in 1999.

Wed., April 27, 11 am ET
Welcome to OHDSI!

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2021 OHDSI

The 2021 OHDSI Global Symposium featured plenary presentations on OHDSI’s impact on the COVID-19 Pandemic, as well as on the Journey to Reliable Evidence. The main days included the State of the Community Presentation, the Collaborator Showcase, and a memorable Closing Ceremony that focused on OHDSI’s work through the perspective of a patient.

There were also a pair of full-day activities, including the first OHDSI Reproducibility Challenge workshop, and a tutorial on building
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?
April 19 Community Call: Workgroup Updates

Eye Care and Vision Research
Sally Baxter
Assistant Professor, Ophthalmology • UCSD

FHIR & OMOP
Christian Reich
Vice President, RWE Systems • IQVIA

Oncology
Asieh Golozar
VP, Global Head of Data Science • Odysseus Data Services

Steering Group
Jody-Ann McLeggon
Program Manager • Columbia University