Local Impacts of OHDSI

OHDSI Community Call
April 20, 2021 • 11 am ET
# April/May OHDSI Community Calls

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 20</td>
<td>Community Presentations (Theme: Local Impacts of OHDSI)</td>
</tr>
<tr>
<td>April 27</td>
<td>OHDSI Networking Session</td>
</tr>
<tr>
<td>May 3</td>
<td>Workgroup Updates: GIS, Registry (formerly UK Biobank), EHR</td>
</tr>
<tr>
<td>May 10</td>
<td>OHDSI Debates</td>
</tr>
<tr>
<td>May 17</td>
<td>Focus Topic: Prostate Cancer Study-A-Thon</td>
</tr>
<tr>
<td>May 24</td>
<td>OHDSI Fun</td>
</tr>
<tr>
<td>Date</td>
<td>Topic</td>
</tr>
<tr>
<td>---------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>April 20</td>
<td>Community Presentations (Theme: Local Impacts of OHDSI)</td>
</tr>
<tr>
<td>April 27</td>
<td>OHDSI Networking Session</td>
</tr>
<tr>
<td>May 3</td>
<td>Workgroup Updates: GIS, Registry (formerly UK Biobank), EHR</td>
</tr>
<tr>
<td>May 10</td>
<td>OHDSI Debates</td>
</tr>
<tr>
<td>May 17</td>
<td>Focus Topic: Prostate Cancer Study-A-Thon</td>
</tr>
<tr>
<td>May 24</td>
<td>OHDSI Fun</td>
</tr>
</tbody>
</table>
Next Week: Networking in GatherTown

Gather.Town
Three Stages of The Journey

Where Have We Been?
Where Are We Now?
Where Are We Going?
George Hripcsak provided a presentation on ‘OHDSI, Interoperability, and Research’ to the ONC Interoperability Standards Priorities Task Force last Friday. Slides from the presentation will be made available on our community calls page.
The EHDEN Consortium recently closed its third open call for SMEs to be training and certified in mapping health data to OMOP.

EHDEN had 26 SMEs through the first two calls, and that total could double after the third call.
The **EHDEN Academy** recently surpassed the 1000-student milestone! This is an evolving online learning platform. Check out the new courses to come!
Congratulations to **Kristin Kostka** on being honored as one of Elon University’s **Top 10 Under 10** recipients last weekend!
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>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday</td>
<td>1 pm</td>
<td>Common Data Model</td>
</tr>
<tr>
<td>Tuesday</td>
<td>2 pm</td>
<td>Women of OHDSI</td>
</tr>
<tr>
<td>Tuesday</td>
<td>3 pm</td>
<td>OMOP CDM Oncology – Outreach/Research Subgroup</td>
</tr>
<tr>
<td>Wednesday</td>
<td>8 am</td>
<td>Vaccine Vocabulary</td>
</tr>
<tr>
<td>Wednesday</td>
<td>1 pm</td>
<td>Data Quality Dashboard</td>
</tr>
<tr>
<td>Thursday</td>
<td>1 pm</td>
<td>OMOP CDM Oncology – CDM/Vocabulary Subgroup</td>
</tr>
<tr>
<td>Friday</td>
<td>8 am</td>
<td>Education</td>
</tr>
<tr>
<td>Friday</td>
<td>1 pm</td>
<td>Phenotype Development Evaluation</td>
</tr>
<tr>
<td>Monday</td>
<td>11:30 am</td>
<td>Pharmacovigilance Evidence Investigation</td>
</tr>
<tr>
<td>Tuesday</td>
<td>9 am</td>
<td>OMOP CDM Oncology – Genomic Subgroup</td>
</tr>
</tbody>
</table>

[www.ohdsi.org/upcoming-working-group-calls](www.ohdsi.org/upcoming-working-group-calls)
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

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.

4. 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
- Electronic Health Record (EHR) ETL
- Geographic Information System (GIS)
- HADES Health Analytics Data-to-Evidence Suite
- 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 Vocabulary
- Women of OHDSI

5. Select the chapter(s) you want to join
- Australia
- China
- Europe
- Japan
- Korea
- Singapore
- Taiwan

6. Select the studies you want to join
- HEA-Health Equity Research Assessment
- PIONEER for Prostate Cancer (study-a-thon ended)
- SCYLLA (SARS-Cov-2 Large-scale Longitudinal Analyses)
#OHDSI2021 Call For Participation

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

2021 OHDSI Collaborators Showcase Brief Report Submission Form- Posters, Oral Talks and Software Demonstrations

Thank you for your interest in the 2021 OHDSI Collaborators Showcase! We are delighted that you are interested in showcasing your work at this year’s virtual symposium showcase.

For planning purposes, please take a few minutes to fill out this submission form to help the Scientific Review Committee better understand your solution.

By filling out this form you may choose if you would like to present your work as a poster, an oral talk or a software demonstration (or all three). If a poster or software demo, you will present it during the Collaborator Showcase at the symposium. If an Oral talk, you will present an estimated 7-minute talk at the symposium.
Next APAC Community Call

Regional Updates

Korea  Rae Woong Park, MD, Ph.D & Seng Chan You, MD, MS  
*Director, Professor, Department of Biomedical Informatics, Ajou University School of Medicine*

China  Hua Xu, Ph.D  
*Robert H. Graham Professor in Entrepreneurial Biomedical Informatics and Bioengineering, University of Texas Health Science Center at Houston*

Japan  Tatsuo Hiramatsu, MD, Ph.D  
*Professor, Innovation & Research Support Center, International University of Health and Welfare*

Australia  Nicole Pratt, PhD & To be advised  
*Associate Professor, University of South Australia*

Singapore  Mengling Feng, Ph.D  
*Assistant Professor, National University of Singapore, Saw Swee Hock School of Public Health*

Taiwan  Jason C. Hsu, Ph.D  
*Assistant Professor, International Ph.D. Program in Biotech and Healthcare Management Joint-Appointment Assistant Professor, Graduate Institute of Data Science at Taipei Medical University*

April 22nd 2021

www.ohdsi.org/APAC
EHDEN has launched its fourth open call for European Data Partners, which runs until May 13, 2021.

**DATA PARTNER CALL**

4th Open call for data partners wanting to map their patient data to the OMOP common data model to enhance and accelerate research and healthcare decision-making.

- Work with one of 26 EHDEN Certified SMEs for mapping your data
- Up to 100,000 € grant for mapping cycle
- Rapid evaluation & turnaround

April 15th - May 13th
Job Postings

Data Analyst positions at Columbia University’s Department of Biomedical Informatics

MauraBeaton

The Department of Biomedical Informatics (DBMI) at Columbia University is looking to hire two Clinical Research Data Analysts. The successful candidates will be responsible for curating EHR data from a network of health provider organizations across the country. The candidates will work with Dr. Karthik Natarajan and his Research Operations team.

We are looking for data analysts with strong SQL and Python skills, as well as effective interpersonal skills and a passion for advancing large scale observational research.

For more details, and to apply, please check out the following links:

See Forum Post
Dear OHDSI Community,

At IOMED, we're looking for a Data Engineer to join our data engineering team. Job description:

**About the job**

We're looking for a data engineer to join our data engineering team. IOMED's products consist of an integrated suite of tools that dramatically simplify the process of clinical research, by structuring clinical data and providing unified and standardized access to it.

The core of your role will be designing, implementing, and testing data extraction and transformation tools on a microservices environment. As well as collaborating in the development and maintenance of the main products of our company:

- Data processing pipelines
- Data model transformations
- Components of a multi-modal distributed database.

**About you**

You must have proven skills of putting micro services to use, and you're comfortable with the containers in a cluster architecture. Also, we are looking for someone who works well in a team, can teach & learn from others, and communicate what you're working on with non-technical team members.

**Things You Might Do**

It is important that you feel comfortable adapting and supporting the rest of the team. However, you can definitely expect:

- Query, model and deploy with PostgreSQL, Redis, RabbitMQ.
- ETL with SQL and Python.
- Design, implement & test micro services.
- Integrate our products with external APIs.
- Development and testing of our core products and frameworks.
- Be comfortable with container development with Docker.
- Testing, logging, measuring, and alerting of the deployed services.

We use OMOP CDM as a data model, so experience with OMOP CDM and OHDSI tools is desirable.

Position location: Barcelona, Spain.

For more information please contact Julia Collazos (julia.collazos@iomed.es).

See Forum Post
The next edition of the CBER Best Initiative Seminar Series will be held Wednesday, May 5, at 11 am ET. **Dr. Ben Goldstein** will discuss “Understanding Informed Presence in Electronic Health Records Data” during that session.

Registration is free, and everybody is invited. You can register at: [https://northeastern.zoom.us/webinar/register/WN_UkPMnpakQ4qRMJS7O459pA](https://northeastern.zoom.us/webinar/register/WN_UkPMnpakQ4qRMJS7O459pA)
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 20 Community Call Topic
Local Impacts of OHDSI

Stanford University
Alison Callahan and Jose Posada

University of Colorado Denver
Lisa Schilling

Columbia University
Karthik Natarajan