



Local Impacts of OHDSI

OHDSI Community Call
April 20, 2021 • 11 am ET



April/May OHDSI Community Calls

Date	Topic
April 20	Community Presentations (Theme: Local Impacts of OHDSI)
April 27	OHDSI Networking Session
May 3	Workgroup Updates: GIS, Registry (formerly UK Biobank), EHR
May 10	OHDSI Debates
May 17	Focus Topic: Prostate Cancer Study-A-Thon
May 24	OHDSI Fun

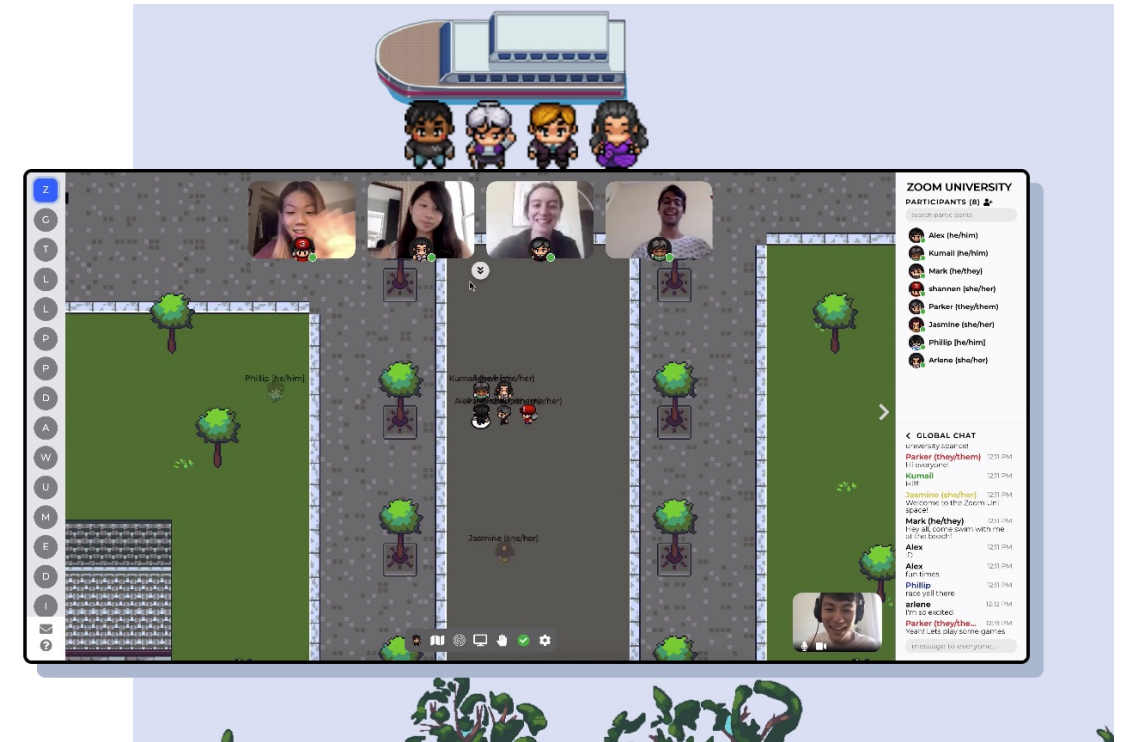
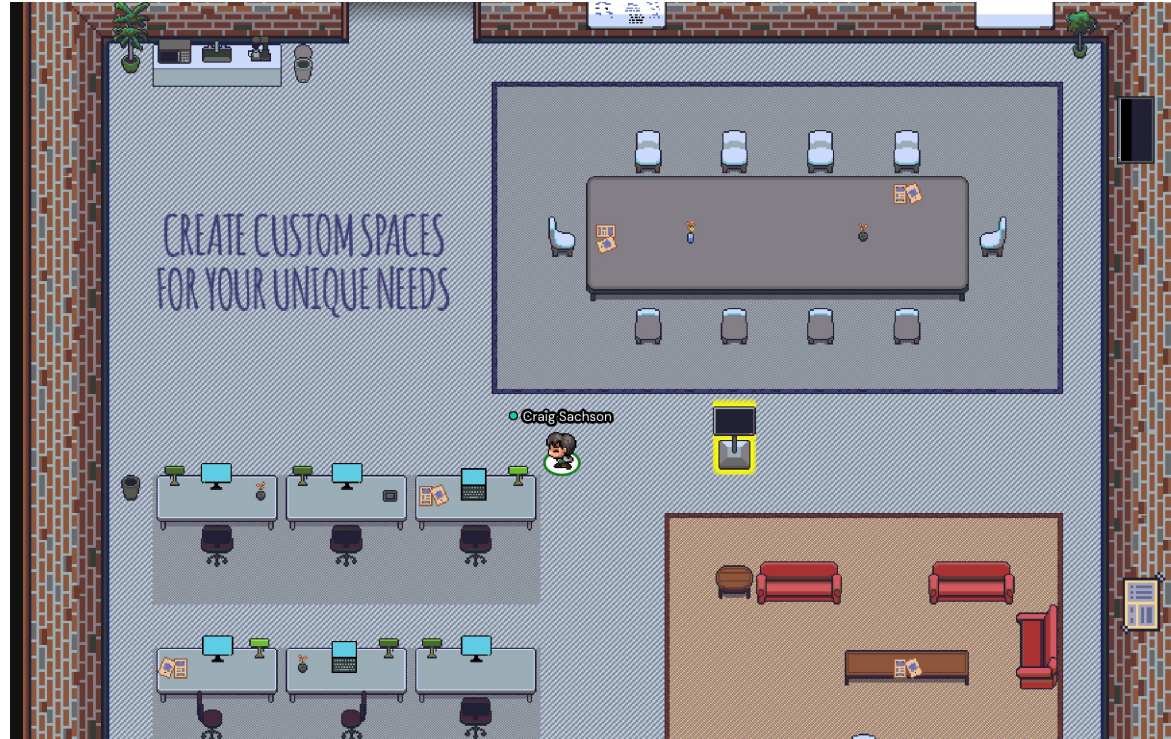


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Next Week: Networking in GatherTown



Gather.Town



Three Stages of The Journey

Where Have We Been?

Where Are We Now?

Where Are We Going?





ONC Presentation

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.



Observational Health Data Sciences and Informatics, Interoperability, and Research

George Hripcsak, MD, MS

Columbia University Irving Medical Center

NewYork-Presbyterian Hospital

Observational Health Data Sciences and Informatics



EHDEN Updates



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.



APPLY NOW

Third open call for SMEs wanting to be trained and certified in mapping health data to the OMOP common data model.

- Free training via the **EHDEN Academy**
- Two-day virtual **certification** meeting
- Grow your **business** working with real world health data

March 15th - April 12th

EHDEN.EU



EHDEN Updates

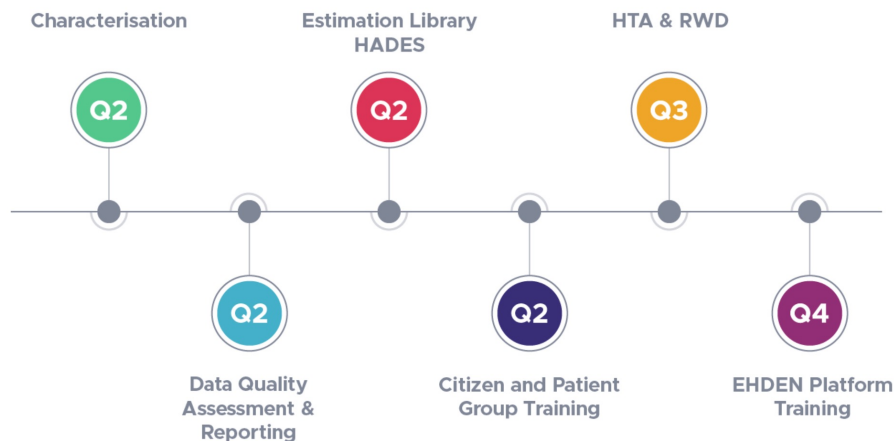


The **EHDEN Academy** recently surpassed the 1000-student milestone! This is an evolving online learning platform. Check out the new courses to come!



Roadmap 2021

We have a number of upcoming courses for the year 2021.



Learning for Anyone, Anywhere

On-demand training and development programmes developed by the OHDSI and EHDEN community.



OHDSI Shoutouts!



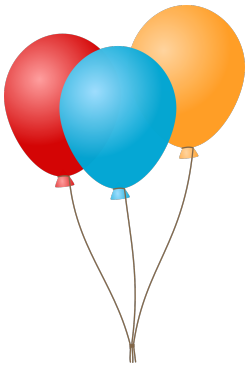
Congratulations to
Kristin Kostka on being
honored as one of Elon
University's **Top 10**
Under 10 recipients last
weekend!

CONGRATULATIONS TOP 10 UNDER 10 RECIPIENTS!





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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Where Are We Going?





Upcoming Workgroup Calls



Date	Time (ET)	Meeting
Tuesday	1 pm	Common Data Model
Tuesday	2 pm	Women of OHDSI
Tuesday	3 pm	OMOP CDM Oncology – Outreach/Research Subgroup
Wednesday	8 am	Vaccine Vocabulary
Wednesday	1 pm	Data Quality Dashboard
Thursday	1 pm	OMOP CDM Oncology – CDM/Vocabulary Subgroup
Friday	8 am	Education
Friday	1 pm	Phenotype Development Evaluation
Monday	11:30 am	Pharmacovigilance Evidence Investigation
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

Join Our Teams Environment
Pick Working Groups, Studies To Join
Best Practices in MSteams

4. 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
- ☐ 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

- ☐ HERA-Health Equity Research Assessment
- ☐ PIONEER for Prostate Cancer (study-a-thon ended)
- ☐ SCYLLA (SARS-Cov-2 Large-scale Longitudinal Analyses)



@OHDSI

www.ohdsi.org

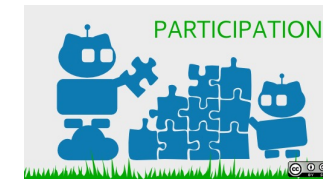
#JoinTheJourney



linkedin.com/company/ohdsi



#OHDSI2021 Call For Participation



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

[Information Home Page](#)
[Register \(Free & Open To All\)](#)
[2021 Collaborator Showcase Info](#)

[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

OHDSI

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



APAC Community Call

Regional Updates



April 22nd 2021

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

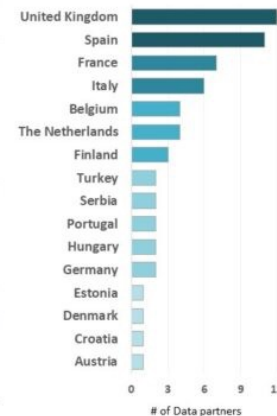
www.ohdsi.org/APAC



EHDEN Updates



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

EHDEN.EU





Job Postings

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

General



MauraBeaton

4d

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:

Post #1 <https://opportunities.columbia.edu/en-us/job/508179/clinical-research-data-analyst>

4

Post #2 <https://opportunities.columbia.edu/en-us/job/510633/clinical-research-data-analyst>

3

[See Forum Post](#)



Reply



Job Postings



monica_arrue Monica

3d

Dear OHDSI Community,

At **IOMED** ³, 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 micro services environment. as well as to collaborate 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 Júlia Collazos (julia.collazos@iomed.es).

[See Forum Post](#)



CBER Best Initiative Seminar Series

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

CBER BEST Initiative Seminar Series



Date:
May 5, 2021

Time:
11:00 -12:00 PM EDT

Topic:
Understanding Informed Presence in Electronic Health Records Data

Background:

The [CBER BEST Initiative](#) Seminar Series is designed to share and discuss recent research of relevance to ongoing and future surveillance activities of CBER regulated products, namely biologics. The series focuses on safety and effectiveness of biologics including vaccines, blood components, blood-derived products, tissues and advanced therapies. The seminars will provide information on characteristics of biologics, required infrastructure, study designs, and analytic methods utilized for pharmacovigilance and pharmacoepidemiologic studies of biologics. They will also cover information regarding potential data sources, informatics challenges and requirements, utilization of real-world data and evidence, and risk-benefit analysis for biologic products. The length of each session may vary, and the presenters will be invited from outside FDA. Please see the details below for our upcoming seminar. [Anyone can register and join for free.](#) Stay tuned for more details and additional webinars during the course of the year.

Description: Electronic Health Records (EHR) data have become a key data source for clinical research. Their relative availability and abundance make them very appealing for analytic tasks ranging from comparative effectiveness research, disease surveillance, population health, and predictive modeling. However, as has been widely documented, as a real-world data source, there are a number of analytic challenges with EHR data. One of the key challenges of EHR data relates to the observability of the underlying data. While fundamentally a missing data problem, we have termed this process *informed presence* to highlight that what we observe is informative. In this talk I will provide some illustrations for how informed presence can bias insights and inference with EHR data as well as discuss some approaches – both analytical and design based – that can mitigate these biases. Ultimately EHR data are an extremely useful data source, though like any complicated data source need to be used thoughtfully.

Presenter:
Dr. Ben Goldstein, PhD, MPH



Benjamin Goldstein is Associate Professor of Biostatistics and Bioinformatics at Duke University. He is a member of the Duke Clinical Research Institute and serves as the Science Lead for the Children's Health Discovery Initiative. Dr. Goldstein's research focuses on the meaningful use of electronic health records data. His work sits at the intersection of biostatistics, biomedical informatics, machine learning and epidemiology. He works closely with the Duke University Health System developing, implementing and evaluating risk prediction and clinical decision support tools. He also studies how patients' informative visit process can impact inference in EHR based studies. Dr. Goldstein received his PhD in Biostatistics and MPH in Biostatistics and Epidemiology from UC Berkeley.

Registration:
https://northeastern.zoom.us/webinar/register/WN_UkPMnpakQ4qRMJS7O459pA



Where Are We Going?

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





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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