OHDSI Vocabularies: Landscape, Roadmap & Community Contributions

OHDSI Community Call
June 6, 2023 • 11 am ET

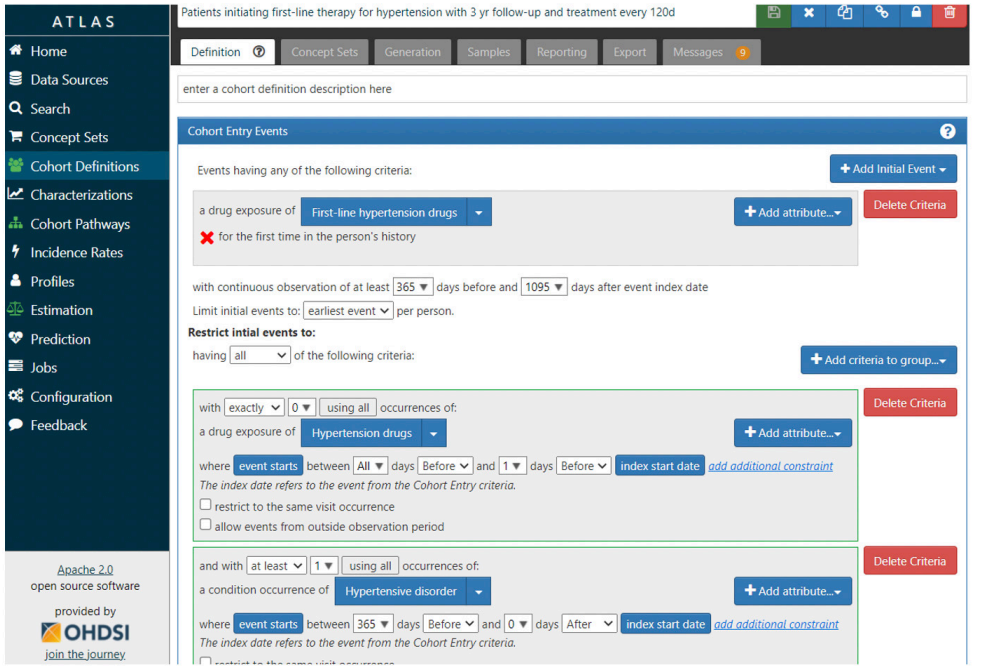
Upcoming Community Calls

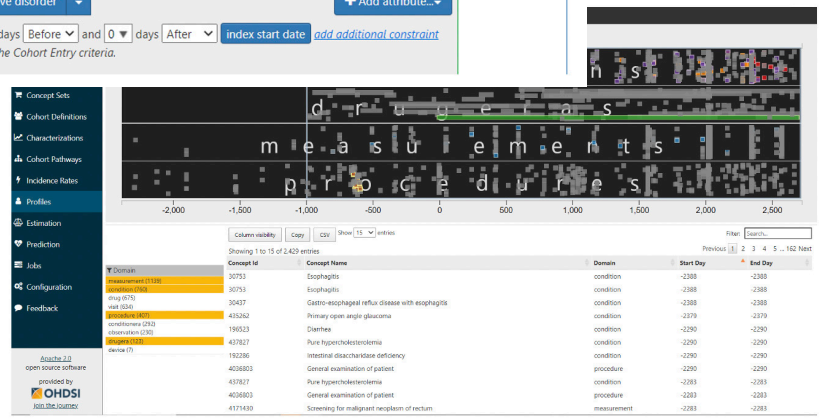
Date	Topic
June 13	ATLAS: User Input For Community Development
June 20	OMOP Supporting Clinical Registries
June 27	Recent Publication Presentations
July 4	No Meeting
July 11	European Symposium Review
July 18	Vulcan: An HL7 FHIR Accelerator Transforming Clinical & Translational Research
July 25	Around The Asia-Pacific Region

June 13 Community Call

ATLAS: User Input For Community Development

The ATLAS team will share a brief session on the tool before leading a series of breakouts to discuss how ATLAS can be enhanced for community research in the future.





Three Stages of The Journey

Where Have We Been?

Where Are We Now?

Where Are We Going?

OHDSI Shoutouts!

Congratulations to the team of **Daniel Puttmann, Rowdy de Groot, Nicolette de Keizer, Ronald Cornet, Paul W.G. Elbers, Dave Dongelmans, Ferishta Bakhshi-Raiez, on behalf of The Dutch ICU Data Sharing Against COVID-19 Collaborators** on the publication of **Assessing the FAIRness of databases on the EHDEN portal: A case study on two Dutch ICU databases** in the International Journal of Medical Informatics.

Contents lists available at ScienceDirect

International Journal of Medical Informatics

journal homepage: www.elsevier.com/locate/ijmedinf

Assessing the FAIRness of databases on the EHDEN portal: A case study on two Dutch ICU databases

Daniel Puttmann [a,b,c], Rowdy de Groot [a,b], Nicolette de Keizer [a], Ronald Cornet [a,b], Paul W.G. Elbers [d], Dave Dongelmans [b,e], Ferishta Bakhshi-Raiez [a,b], on behalf of The Dutch ICU Data Sharing Against COVID-19 Collaborators

[a] Amsterdam UMC location University of Amsterdam, Department of Medical Informatics, Amsterdam, the Netherlands
[b] Amsterdam Public Health Research Institute, Digital Health & Methodology, Amsterdam, the Netherlands
[c] National Intensive Care Evaluation (NICE) Foundation, Amsterdam, the Netherlands
[d] Department of Intensive Care Medicine, Center for Critical Care Computation Intelligence (C4I), Amsterdam Medical Data Science (AMDS), Amsterdam Public Health (APH), Amsterdam Cardiovascular Science (ACS), Amsterdam Institute for Infection and Immunity (AII), Amsterdam UMC, Vrije Universiteit, Amsterdam, the Netherlands
[e] Department of Critical Care, Amsterdam University Medical Center, Amsterdam, the Netherlands

ARTICLE INFO

Keywords:
FAIR
EHDEN
OMOP CDM
OHDSI
FAIR assessment

ABSTRACT

Objective: To address the growing need for effective data reuse in health research, healthcare institutions need to make their data Findable, Accessible, Interoperable, and Reusable (FAIR). A prevailing method to model databases for interoperability is the Observational Medical Outcomes Partnership (OMOP) Common Data Model (CDM), developed by the Observational Health Data Sciences and Informatics (OHDSI) initiative. A European repository for OMOP CDM-converted databases called the "European Health Data & Evidence Network (EHDEN) portal" was developed, aiming to make these databases Findable and Accessible. This paper aims to assess the FAIRness of databases on the EHDEN portal.
Materials and methods: Two researchers involved in the OMOP CDM conversion of separate Dutch Intensive Care Unit (ICU) research databases each manually assessed their own database using seventeen metrics. These were defined by the FAIRsFAIR project as a list of minimum requirements for a database to be FAIR. Each metric is given a score from zero to four based on how well the database adheres to the metric. The maximum score for each metric varies from one to four based on the importance of the metric.
Results: Fourteen out of the seventeen metrics were unanimously rated: seven were rated the highest score, one was rated half of the highest score, and five were rated the lowest score. The remaining three metrics were assessed differently for the two use cases. The total scores achieved were 15.5 and 12 out of a maximum of 25.
Conclusion: The main omissions in supporting FAIRness were the lack of globally unique identifiers such as Uniform Resource Identifiers (URIs) in the OMOP CDM and the lack of metadata standardization and linkage in the EHDEN portal. By implementing these in future updates, the EHDEN portal can be more FAIR.

1. Introduction

Analytics, big data, and artificial intelligence have played a significant role in the development of health care in the twenty-first century, improving the efficiency, quality, and safety of care [1–4]. Although these advancements have been supported by an increasing amount of digital health data and more powerful computer systems, more progress could be made if health data were standardized and accessible for analysis.

Reusability (FAIR). Study data should be easily found (F) online so researchers can easily increase the size of their cohorts. This data should somehow be accessible (A) to anyone who finds it, though it may incorporate authentication and authorization procedures. When obtained, the data should be unambiguously understood and merged with other data, hence interoperable (I), with a minimum of technical work or harmonization. Lastly, data should be described with rich metadata. This means that not only should the meaning and context of data be made clear with detailed descriptions, but also the provenance and

OHDSI Shoutouts!

Any shoutouts from the community? Please share and help promote and celebrate OHDSI work!

Do you have anything you want to share? Please send to sachson@ohdsi.org so we can highlight 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?

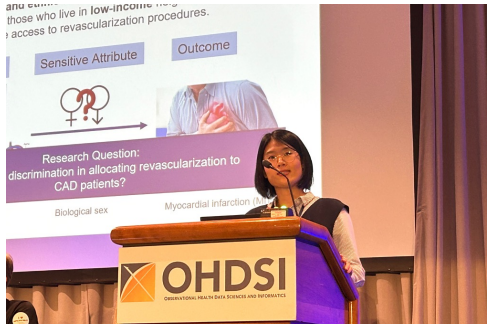
Upcoming Workgroup Calls

Date	Time (ET)	Meeting
Wednesday	2 am	Population Level Estimation
Wednesday	8 am	Psychiatry
Wednesday	12 pm	Health Equity
Thursday	8 am	India Chapter
Thursday	9:30 am	Data Network Quality
Thursday	7 pm	Dentistry
Friday	9 am	GIS – Geographic Information Systems Development
Friday	9 am	Phenotype Development & Evaluation
Friday	1 pm	Clinical Trials
Friday	10 pm	China Chapter
Monday	9 am	Vaccine Vocabulary
Monday	10 am	Africa Chapter
Monday	11 am	Early-Stage Researchers
Monday	4 pm	Eyecare & Vision Research
Monday	6 pm	OMOP & FHIR
Tuesday	9 am	OMOP CDM Oncology Genomic Subgroup

Early-Stage Researchers: Monday, June 12

Please join the next Career Speaker Event led by the Early-Stage Researchers Workgroup, which will feature a conversation with **Michael Kahn,** Emeritus Professor in the Department of Biomedical Informatics at the University of Colorado Anschutz Medical Center.

Collaborator Showcase Deadline: June 16, 8 pm EST



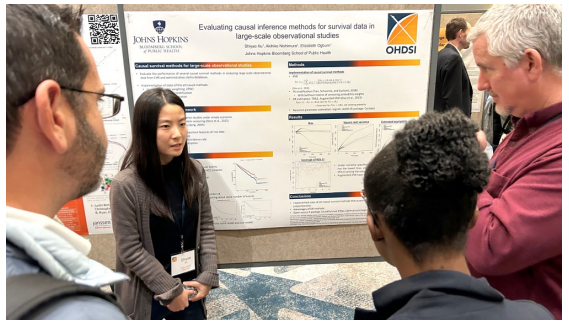
10 DAYS Remaining!

All brief report submissions for the 2023 Global Symposium (Oct. 20-22, East Brunswick, NJ, USA) are due June 16.

We had a record-setting number of submissions in 2022 and are EXTENDING the collaborator showcase this year!

Submission Form

Showcase Details



Collaborator Spotlight: Mengling ‘Mornin’ Feng

Collaborator Spotlight: Mengling 'Mornin' Feng

Previous Collaborator Spotlights

Mengling ‘Mornin’ Feng is an Assistant Professor at the National University of Singapore and the Assistant Director of Research (Healthcare) at the Institute of Data Science. He has several research interests, including artificial intelligence solutions for healthcare challenges, causal inference for evidence-based medicine, and deep learning models for medical image analysis.

Mornin has been an OHDSI leader in helping to spread the community to the Asia-Pacific region. He is the chair of the Singapore Chapter, and recently helped develop a collaboration with the Singapore Ministry of Health that has led the Ministry to use the OMOP CDM as the main platform for research.

In the latest edition of the Collaborator Spotlight, Mornin discusses his professional journey, how he connected with OHDSI, recent developments within the Singapore and APAC regions, and plenty more.

Can you discuss your professional journey, and what are your current research interests?

I started my research in data mining and machine learning during my PhD study. After that, I was fortunate to have an opportunity to work as a post-doc under the Harvard-MIT Health Science Technology program. During my post-doc, I was exposed to the cross-disciplinary research of developing machine learning models to analyze healthcare data. Instantly, I was attracted by the unique challenges and also the promising potential of this cross-disciplinary field. As a result, when I returned to Singapore in 2016, I joined the National University of Singapore faculty and started my Healthcare AI lab. My lab now has about 20 PhD students and researchers. Our research mainly focuses on three domains: 1) computer vision technologies customized for medical images; 2) reinforcement learning for treatment recommendation; and 3) natural language processing methods for clinical text understanding.

Despite being a technical lab, we collaborate closely with local and international physicians. All our projects are motivated by real and pressing clinical needs, and they are also developed with real-world clinical data.

How did you first find OHDSI, and what inspired you to work with the community?

I began my journey with OHDSI in 2018. At that time, I was looking for a suitable solution for clinical data standardization and federated analysis for Singapore. I met Rae Woong Park from Ajou University at a conference and learned that he was the pioneer in clinical data standardization in South Korea. We chatted for hours about how his team has successfully implemented the OMOP CDM as the standard data schema for research clinical data and how that may have accelerated the clinical research in Korea. Inspired by his success, I started to learn more about

OHDSI June Newsletter Is Available

OHDSI

The Journey Newsletter (June 2023)

Calling all collaborators! The deadline to submit your brief reports for the 2023 Global Symposium Collaborator Spotlight is **Friday, June 16 at 8 pm EST**. We have all the information in this newsletter, as well as updates on the European and Asia-Pacific Symposiums, the SOS Challenge, 20 new publications from the community, and plenty more! **#JoinTheJourney**

OHDSI Videocast: June Updates

In the latest On The Journey video, Patrick Ryan and Craig Sachson discuss the 2023 Collaborator Showcase and the upcoming submission deadline. They also look ahead at the European and Asia-Pacific Symposiums, both of which will be held in July, and they reflect on lessons learned from SOS Challenge. *(if video does not appear, click 'view this email in your browser')*

Community Updates

Where Have We Been?

- The SOS Challenge tutorials have concluded, and more than 16 hours worth of educational content about leading (or participating in) an OHDSI network study are now available on the event homepage. Studies are ongoing, so please join our teams to help answer these clinical questions.
- **Anna Ostropolets** shared the final version of the OHDSI Standardized Vocabularies Assessment. One of the goals of this community activity was to create a more transparent and reliable release cycle. Please join our June 6 community call for a full session on OHDSI vocabularies.
- Congratulations to OHDSI veteran **Thamir Alshammari** on earning the distinction of being one of the 15 new ISPE fellows for 2023. The new Fellows will be officially inducted at the Annual Members' Meeting & Awards Ceremony scheduled for Saturday, August 26th at the Halifax Convention Center, Halifax, Nova Scotia, Canada.
- New jobs and PhD opportunities were shared during May. Please visit our This Week in OHDSI page to learn more about openings throughout our community.

Where Are We Now?

- The OHDSI 2023 Global Symposium collaborator showcase deadline is less than three weeks away. All brief reports must be submitted by 8 pm EST on Friday, June 16. More information on the collaborator showcase is available here, and you can use this link to submit your brief report.
- The OHDSI India chapter will be hosting its first webinar on "Redefine Indian healthcare with Real-world data and Real-world evidence" on June 14, 2023, from 3-4 pm IST. This webinar will share the latest progress within the RWD/RWE space in India and share how collaboration with the OHDSI India chapter can transform the healthcare management landscape in India. **Nicole Pratt, Vikram Patil** and **Parthiban Sulur** will be among the featured speakers. If you are interested, please visit the OHDSI India homepage to register.
- The PIONEER team is leading a studyathon June 13-16 in Stockholm, Sweden, with a focus on "Observational health data analysis on the adverse events of systemic treatment in patients with metastatic hormone-sensitive prostate cancer" and is looking for participation from the OHDSI community, and specifically members of the Oncology WG. This will be a hybrid event so online participation is welcome. If you are interested in learning more, please fill out this form. PIONEER are especially looking for: collaborators with data on metastatic hormone-sensitive prostate cancer already in the OMOP-CDM;

Collaborator Showcase Extended At OHDSI2023; Please Join Us By Submitting Your Brief Reports Before The June 16 Deadline!

The Collaborator Showcase is always one of the most anticipated parts of the year. Once again, we are inviting our community to participate in the Collaborator Showcase for the 2023 OHDSI Global Symposium. Collaborators will have the opportunity to submit their work for poster presentations, oral talks, and software demonstrations.

This year, the collaborator showcase will be extended throughout the weekend, so presenters will have multiple opportunities to share their work!

Topics should align with at least one of OHDSI's strategic areas of focus:

- Observational data standards and management
- Open-source analytics development
- Methodological research
- Clinical applications

May Publications

Ostropolets A, Ryan P, Hripcsak G. Phenotyping in distributed data networks: selecting the right codes for the right patients. AMIA Annu Symp Proc. 2023 Apr 29;2022:826-835. PMID: 37128407; PMCID: PMC10148372.

Joopudi V, Dandala B, Tsou CH, Liang JJ. Hierarchy-aware Adverse Reaction Embeddings for Signal Detection. AMIA Annu Symp Proc. 2023 Apr 29;2022:596-605. PMID: 37128452; PMCID: PMC10148317.

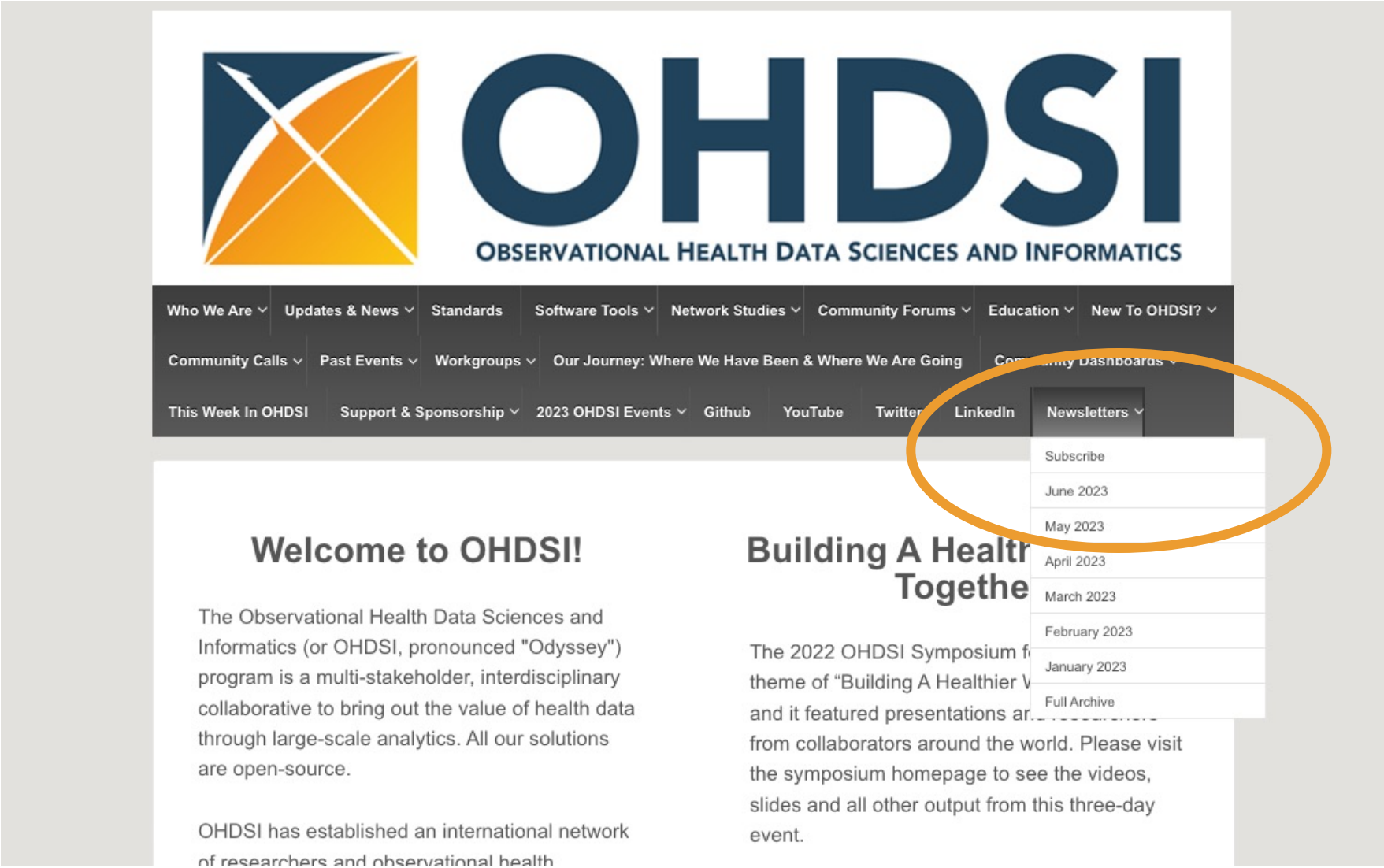
Jiang X, Beaton MA, Gillberg J, Williams A, Natarajan K. Feasibility of Linking Area Deprivation Index Data to the OMOP Common Data Model. AMIA Annu Symp Proc. 2023 Apr 29;2022:587-595. PMID: 37128466; PMCID: PMC10148322.

Kempf E, Vaterkowski M, Leprovost D, Griffon N, Ouagne D, Breant S, Serre P, Mouchet A, Rance B, Chatellier G, Bellamine A, Frank M, Guerin J, Tannier X, Livartowski A, Hilka M, Daniel C. How to Improve Cancer Patients ENrollment in Clinical Trials From rEal-Life Databases Using the Observational Medical Outcomes Partnership Oncology Extension: Results of the PENELOPE Initiative in Urologic Cancers. JCO Clin Cancer Inform. 2023 May;7:e2200179. doi: 10.1200/CCI.22.00179. PMID: 37167578.

Korntheuer RL, Katsch F, Duftschmid G. Transforming Documents of the Austrian Nationwide EHR System into the OMOP CDM. Stud Health Technol Inform. 2023 May 2;301:54-59. doi: 10.3233/SHTI230011. PMID: 37172152.

Spotnitz M, Acharya N, Cimino JJ, Murphy S, Namjou B, Crimmins N, Walunas T, Liu C, Crosslin D, Benoit B, Rosenthal E, Pacheco JA, Ostropolets A, Reyes Nieva H, Patterson JS, Richter LR, Callahan TJ, Elhussein A, Pang C, Kiryluk K, Nestor J, Khan A, Mohan S, Minty E, Chung W, Wei WQ, Natarajan K, Weng C. A metadata framework for computational phenotypes. JAMIA Open. 2023 May 9;6(2):ooad032. doi: 10.1093/jamiaopen/ooad032. PMID: 37181728; PMCID: PMC10168627.

OHDSI June Newsletter Is Available



OHDSI India Workshop: June 14

Redefine Indian Healthcare with Real World data and Real World Evidence

Wed, Jun 14, 5:30 AM - 6:30 AM EDT

Online event

6 Registered

Register

Details

The **Observational Health Data Sciences and Informatics (OHDSI)** is an open source, open science, multi-stakeholder and interdisciplinary collaboration to bring out the value of health data through large-scale analytics. OHDSI India Chapter aims to work collaboratively with hospitals, medical universities, and healthcare professionals and researchers to promote the value of real-world data and evidence-based medicine by conducting observational studies using structured Indian patient data.

Agenda and Topic:

- Introduction by Lakshmi Kubendran
- Potential of Health Data in Research and Treatment by Dr. Vikram Patil
- The OHDSI Journey from Data to reliable Evidence by Professor Nicole Pratt
- OHDSI India Chapter in RWD/RWE Journey by Mr. Parthiban Sulur
- Q&A

Key Takeaways:

- Become a part of the Global Research Community
- Benefits of Structured Healthcare data
- Data Standardization and Anonymization as per International Standards
- Access to 6B Patient Data to Perform Network Studies
- Improving public health using health data analytics

Speakers (3)

Parthiban S
VP - Innovation and Growth
Global Value Web

Parthi has over 30 years of professional experience, with more than a decade in the Pharma and Life Sciences industry. He possesses multi-disciplinary skills in almost all functional areas such as R&D, Delivery Management, Operations, Consulting, Business Development, Sales in diverse domains an...

Show more

Dr. Vikram Patil
startup mentor and Associate Professor in the Department of Radiology
JSS AHER, Mysuru

Dr. Vikram Patil is the Deputy Dean (Research) at JSS AHER, Mysuru. A Radiologist by profession, he is heading and coordinating the Digital Health, Health Data and Artificial Intelligence related activities at JSS AHER. His team has been involved in product validations and clinical trials for Innovative...

Show more

Nicole Pratt
Deputy Director
University of South Australia

Professor Nicole Pratt is the Deputy Director of the Quality Use of Medicines and Pharmacy Research Centre, University of South Australia. She is a member of the Drug Utilisation Subcommittee (DUSC) of the Australian Department of Health Pharmaceutical Benefits Advisory Committee (PBAC). She ha...

Show more

PIONEER Study-A-Thon: June 13-16

The PIONEER team is leading a studyathon June 13-16 in Stockholm, Sweden, with a focus on **Observational health data analysis on the adverse events of systemic treatment in patients with metastatic hormone-sensitive prostate cancer** and is looking for participation from the OHDSI community.

5 Fully Funded PhDs in Cancer Digital Health RWE

EHealth Hub For Cancer is funding 5 PhD students to work on cutting-edge cancer health data science research.

The program is being coordinated by **Aedin Culhane** in the School of Medicine, University of Limerick, Ireland, and the team is looking for students with **a background in statistics, epidemiologists, bioinformatics, computational biology, software engineering or a related quantitative discipline**.

eHealthHub For Cancer | University of Limerick Ollscoil Luimnigh | Limerick Digital Cancer Research Centre | Queen's University Belfast

5 Fully Funded PhDs in Cancer Digital Health Real World Evidence

Project topic: Digital Health in Cancer.

Project lead: Prof Aedin Culhane

Project location: School of Medicine, University of Limerick, Queen's University Belfast

Application deadline: **June 15th, 2023**

Start date: Successful applicants should be registered by **September 2023**.

Application Deadline: June 15, 2023

SOS Challenge Homepage

OHDSI
OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS

Who We Are | Updates & News | Standards | Software Tools | Network Studies | Community Forums | Education | New To OHDSI?
Community Calls | Past Events | Workgroups | Our Journey: Where We Have Been & Where We Are Going (PDF) | Community Dashboards
This Week In OHDSI | Support & Sponsorship | 2023 OHDSI Events | Github | YouTube | Twitter | LinkedIn | Newsletters

Save Our Sisyphus Challenge

The OHDSI mission is to improve health by empowering a community to collaboratively generate the evidence that promotes better health decisions and better care. The 2023 Save Our Sisyphus (SOS) Challenge will try to fulfill that mission, but not through one study at a time.

We will be collaborating simultaneously on four studies, each of which will be designed, implemented, executed and disseminated by members of the OHDSI global community.

As you can see on the right, there will be two weekly tutorials, taught by different members of the community, and featuring two of the four studies that were voted on by the community. Please join either or both each week to learn every step of executing a network study. The earlier session will take place during the weekly global community call, while the later will take place at 7 pm ET. Weekly call invites will go out for both, or you can access either meeting using the links below.

SOS Challenge Weekly Tutorial Schedule

Date	Times	Topic
Mar. 28	11 am / 7 pm ET	SOS Week 1 Tutorial: Initiating A Network Study
Apr. 4	11 am / 7 pm ET	SOS Week 2 Tutorial: Data Diagnostics
Apr. 11	11 am / 7 pm ET	SOS Week 3 Tutorial: Phenotype Development
Apr. 18	11 am / 7 pm ET	SOS Week 4 Tutorial: Phenotype Evaluation
Apr. 25	11 am / 7 pm ET	SOS Week 5 Tutorial: Creating Analysis Specifications
May 2	11 am / 7 pm ET	SOS Week 6 Tutorial: Network Execution
May 9	11 am / 7 pm ET	SOS Week 7 Tutorial: Study Diagnostics
May 16	11 am / 7 pm ET	SOS Week 8 Tutorial: Evidence Synthesis
May 23	11 am / 7 pm ET	SOS Week 9 Tutorial: Interpreting The Results

@OHDSI www.ohdsi.org #JoinTheJourney ohdsi

Weekly Tutorial Links

Session 1 Meeting Link

Session 2 Meeting Link

Please remember that each week, there are two seminars focused on the same aspect of running a network study, but featuring different SOS Challenge studies. We want to make sure that, regardless of your location, there is a tutorial that is convenient for all hours. All tutorials will also be recorded and posted below.

Global Tutorials Schedule

Office Hours

There will be weekly office hours, corresponding with the topic of the weekly tutorials. Office hours are determined by the availability of each week's tutorial lead. When the next set of office hours are determined, the time and meeting link will be posted to the right.

Study Diagnostics Office Hours: May 11, 7 pm ET

Join Office Hours

2nd Network Execution Office Hours: May 11, 9 am ET

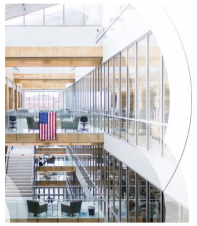
Join Office Hours

SOS Challenge Studies

The SOS Challenge was introduced in January 2023, and community members submitted 35 different studies that could be run during the challenge. Four were selected from that group, two of which will be done live during the weekly tutorials, and two that will be done asynchronously. You can learn more about each of the four studies below, and each of the pertinent links (GitHub repo, protocol, Teams channel, etc.) will be linked in the proper section.

Intravitreal Anti-VEGF and Kidney Failure

Lead: Cindy Cai



Wilmer Eye Institute
Johns Hopkins Medicine

OHDSI SOS Challenge:
Intravitreal Anti-VEGF and Kidney Failure

Cindy X. Cai, MD
The Jonathan and Marcia Javitt Rising Professor
Assistant Professor of Ophthalmology
Retina Division, The Wilmer Eye Institute
Johns Hopkins University School of Medicine

3/7/2023

Introductory Video | Introductory Slides | MS Teams Channel | GitHub Repo

Is fluoroquinolone use really associated with the development of aortic aneurysms

Leads: Jack Janetzki, Jung Ho Kim, Seonji Kim, Jung Ah Lee, Nicole Pratt, Seng Chan You,

Is fluoroquinolone use really associated with the development of aortic aneurysms and aortic dissections?

OHDSI Save Our Sisyphus Challenge 2023

Initial collaborators

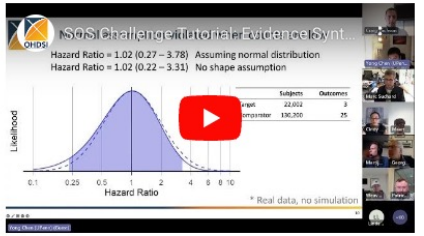
Seng Chan You, Seonji Kim, Jung Ho Kim, Jung Ah Lee - Yonsei University
Jack Janetzki, Nicole Pratt - University of South Australia

Introductory Video | Introductory Slides | MS Teams Channel | GitHub Repo

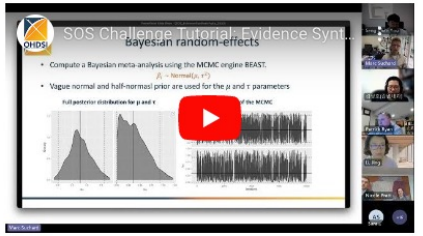
Tutorial Recordings

Week 8: Evidence Synthesis

Session 1: Yong Chen (slides), Martijn Schuemie (slides)

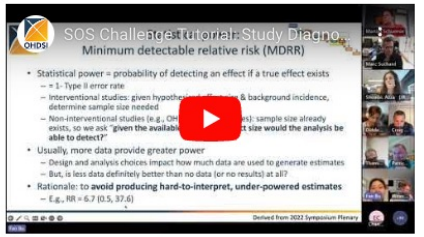


Session 2: Marc Suchard

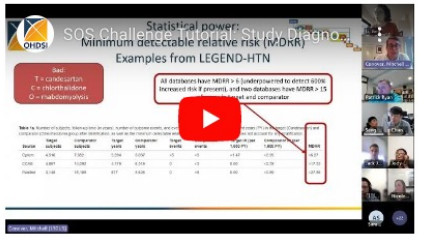


Week 7: Study Diagnostics

Session 1: Fan Bu, George Hripcsak (slides)



Session 2: Mitchell Conover, Nicole Pratt (slides)



Week 6: Network Execution

Session 1: Jenna Reps, Jack Brewster (slides)

Session 2: Anthony Sena, Chungsoo Kim

ohdsi.org/sos-challenge

European Symposium

European Symposium

July 1-3 • Rotterdam, Neth.

ohdsi-europe.org

Time	Description			Location
8:00 – 9:00	**Registration and Coffee**			Queen's Lounge
9:00 – 9:10	**Welcome to the European OHDSI Journey** Speaker: Peter Rijnbeek, PhD, Chair, Department of Medical Informatics, Erasmus MC			Theatre
9:10 – 9:40	**Journey of OHDSI: Where have we been and where we can go together?** Speaker: Patrick Ryan, PhD, Janssen Research and Development, Department of Biomedical Informatics, Columbia University Medical Center			Theatre
9:40 – 11:00	**European Initiatives Using the OMOP CDM** Moderator: Renske Los, PhD, Assistant Professor of Medical Informatics, Department of Medical Informatics, Erasmus MC Multiple presentations of European Projects and Initiatives			Theatre
11:00 – 11:30	**Coffee Break**			Queen's Lounge
11:30 – 12:45	**Collaborator Showcase: Rapid fire presentations** Moderator: Katia Verhamme, MD, Associate Professor of Use and Analysis of Observational Data, Department of Medical Informatics, Erasmus MC, Rotterdam. Abstract Selection Ongoing			Theatre
12:45 – 13:45	**Lunch**			La Fontaine & Odyssee Room
13:00 – 14:30	**OHDSI Collaborator Showcase** **Poster presentations and open-source software demonstrations from OHDSI collaborators:** - Observational data standards and management - Open-source analytics development - National nodes	**La Fontaine & Odyssee Room**	**Early Investigators Mentor Meetings** Lead: Ross Williams, Department of Medical Informatics, Erasmus MC Rotterdam	Queen's Lounge
14:30 – 16:00	**OHDSI Collaborator Showcase** **Poster presentations and open-source software demonstrations from OHDSI collaborators:** - Clinical applications - Methodological research	**La Fontaine & Odyssee Room**	**Workgroup Q/A** OHDSI Workgroup Leads available for Q/A in breakout rooms	La Fontaine & Odyssee Room
16:00 – 16:30	**OHDSI Community Evidence in the Spotlight** Selected Presentation from the Community			Theatre
16:30 – 17:45	**Data Analysis and Real World Interrogation Network (DARWIN EU®)** Multiple speakers from the DARWIN EU® Coordination Center Questions and Answers Session			Theatre
17:45 – 18:00	**Closure**			Theatre
18:00 – 19:30	**Networking Reception**			Queen's Lounge

APAC Symposium

Asia-Pacific Symposium

July 13-14 • Sydney, Australia

ohdsi.org/2023apacsymposium

2023 OHDSI Symposium Agenda

Day 1 (July 13) · Main Conference

8:00-9:00 · Registration & light breakfast
9:00-9:20 · Welcome Session

Session 1: OHDSI Global
9:20-9:50 · Keynote – Engineering an open science system that builds trust, confidence and addresses the needs of regulators, clinicians, and consumers
9:50-10:20 · Transforming health: What do regulators, clinicians, and consumers really want to know about healthcare and how can OHDSI help
10:20-10:40 · break

Session 2: Research
10:40-11:00 · Presentation of study results
11:00-12:00 · Panel discussion – regulators, clinicians and consumers (response from stakeholders)
12:00-13:30 · Lunch & poster presentation

Session 3: OHDSI APAC
13:30-14:30 · OMOP/FHIR: Overcoming challenges through collaboration
14:30-15:30 · Panel discussion – APAC regional chapters
15:30-16:00 · Closing remarks
16:00-17:30 · Networking reception

Day 2 (July 14) · Tutorials

Tutorials will be led by Patrick Ryan, Martijn Schuemie, Marc Suchard, Mui Van Zandt, Nicole Pratt, and others on the topic of "How to run a network study."

9:00-10:20 · ETL
10:20-10:40 · break
10:40-12:00 · Characterization
12:00-13:00 · break
13:00-15:00 · Population-Level Estimation
15:00-15:20 · break
15:20-17:20 · Patient-Level Prediction

Global Symposium

Global Symposium

Oct. 20-22 • East Brunswick, NJ, USA

ohdsi.org/OHDSI2023

OHDSI 2023 Global Symposium

** This agenda is tentative and subject to change*

October 20-22 • East Brunswick, NJ, USA

	Friday, Oct 20	Saturday, Oct 21	Sunday, Oct 22
8:00am	Welcome to OHDSI2023!	Intro to OHDSI Tutorial & OHDSI workgroup activities	OHDSI collaborative workshop: HowOften
9:00am	State of the Community		
10:00am	Community networking		
11:00am	Plenary session		
12:00pm	Lunch	**Collaborator Showcase: posters & demos**	**Collaborator Showcase: posters & demos**
1:00pm	Panel: Network studies	OHDSI collaborative workshop: HowOften	OHDSI workgroup activities
2:00pm	**Collaborator Showcase: posters & demos**		
3:00pm	**Collaborator Showcase: Lightning talks**		
4:00pm	**Collaborator Showcase: posters & demos**		
5:00pm	Closing talk	Free time ☺	Time to go home ☹
6:00pm	OHDSI Got Talent!		

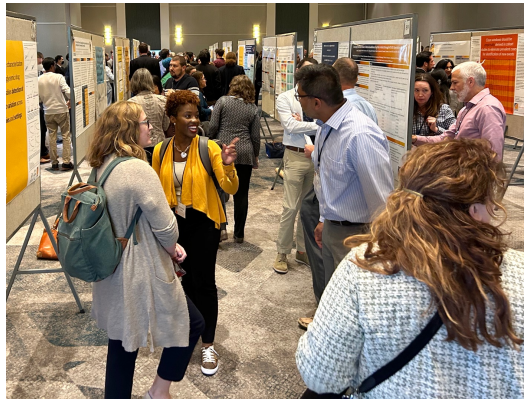
The OHDSI Community Needs You!

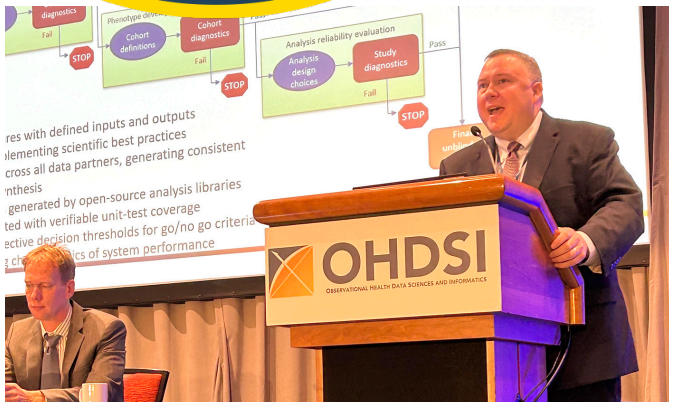
Will you consider Supporting The Journey?

OHDSI Gold Sponsor

OHDSI

Join The Journey





Job Openings – This Week In OHDSI page

OMOP Data Analyst

Apply

Wayne, PA, Unites States of America

Full time
Posted 5 Days Ago
R1363929

OMOP Data Analyst
Job Overview
Under broad guidance, performs data analytics activities related to complex business problems and issues to provide insight to decision makers. May provide analytic support for internal project teams and for external client consulting or services engagements.

Essential Functions
• Under broad guidance, performs quantitative or qualitative analyses to support the development of solutions for internal or external client project teams.
• Identifies and interprets trends and patterns in datasets to support the development of recommendations .
• Constructs impact assessment based on business data and market knowledge. Creates specifications for reports and analysis based on business needs and required or available data elements.
• May directly produce datasets and reports for analysis using system reporting tools.
• Verifies data for accuracy and completeness.
• May manipulate and transform data to optimize analyses.
• Performs audits of own work or that of others to ensure conformance with established procedures or to resolve routine issues.
• May work with stand alone data systems or enterprise wide tools supporting activities such as inquiry resolution, data validation, and trend analysis.
• SQL programming is a must.
• OMOP data model work experience is required.
• Experience with clinical data, EHR or pharmaceutical data is required.

About Us

IQVIA

IQVIA is a world leader in using data, technology, advanced analytics, and expertise to help customers drive healthcare – and human health – forward. Together with the companies we serve, we are enabling a more

Read More

COLUMBIA | COLUMBIA UNIVERSITY DEPARTMENT OF BIOMEDICAL INFORMATICS

DBMI Home | News & Events | Research | People | Prospective Students | Academics | Resources

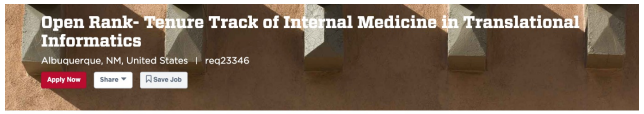
Tenure Track Faculty

#105752

Description

The Department of Biomedical Informatics (DBMI) of Columbia University seeks exceptional junior-level faculty members in the tenure track.

The positions are open to researchers interested in developing and applying informatics theory and achieving tangible benefits to health care and biology. Three particular foci are (1) machine learning for healthcare and health-related data science, (2) health information technology-based interventions to improve health care and the health of individuals and populations, and (3) translational bioinformatics.



Back to Search

Open Rank- Tenure Track of Internal Medicine in Translational Informatics

Posting Number	req23346
Employment Type	Faculty
Faculty Type	Open Rank
Hiring Department	IM Translations Informatics (B52T)
Academic Location	School of Medicine
Benefits Eligible	The University of New Mexico provides a comprehensive package of benefits including medical, dental, vision, and life insurance. In addition, UNM offers educational benefits through the tuition remission and dependent education programs. See the Benefits home page for more information.
Position Summary	The University of New Mexico, Health Sciences Center, Department of Internal Medicine, seeks a faculty member to join the Division of Translational Informatics. This position is at the Open rank and Tenure track. While the focus of the position is research-oriented, optionally, the position affords the opportunity for the candidate to have a joint clinical appointment for part-time clinical service with the University of New Mexico, and/or the Raymond G. Murphy VA Medical Center. Salary will be commensurate with experience and education.

Software Dev Analyst II - Res - G&C - CTSI

Job ID: REF9053H
Date posted: 2/20/2023

Employment Type: Full Time
Shift: Days
Location: Boston, MA

Boehringer Ingelheim is an equal opportunity global employer who takes pride in maintaining a diverse and inclusive culture. We embrace diversity of perspectives and strive for an inclusive environment which benefits our employees, patients and communities.

Senior Associate Director, Real World Data & Analytics (Remote)-232633

Description:
The purpose of this job is to:

- Generate real world evidence (RWE) to support in-line and pipeline products.
- Provide statistical advice on the analysis of real world data (RWD) to various internal and external stakeholders.
- Contribute to the RWD acquisition strategy and tool evaluation.
- Participate in the development and presentation of RWE trainings.

As an employee of Boehringer Ingelheim, you will actively contribute to the discovery, development and delivery of our products to our patients and customers. Our global presence provides opportunity for all employees to collaborate internationally, offering visibility and opportunity to directly contribute to the companies' success. We realize that our strength and competitive advantage lie with our people. We support our employees in a number of ways to foster a healthy working environment, meaningful work, diversity and inclusion, mobility, networking and work-life balance. Our competitive compensation and benefit programs reflect Boehringer Ingelheim's high regard for our employees.

Duties & Responsibilities:

- Provide expert advice in the analysis of real world data (such as medical claims, electronic health records, registries) for stakeholders in epidemiology, market access / HEOR, medical affairs, and other functional areas. These analyses may include:

Northwestern Medicine | Feinberg School of Medicine

Northwestern Medicine | North
NEWS CENTER |

Department of Preventive Medicine

Search web o

About Us | Education | Research | Divisions | Centers & Cores | Fac

Feinberg Home > Home > About Us > _job postings > Postdoctoral Fellowship in Systems Biology and Clinical Data Management

About Us

- About Us Overview
- Contact Us
- Employment Opportunities
- Chair's Message
- News
- Events
- Diversity, Equity and Inclusion Committee
- Giving
- Alumni

Postdoctoral Fellowship in Systems Biology and Clinical Data Management

The Successful Clinical Response In Pneumonia Therapy (SCRIPT) Systems Biology Center (SCRIPT) is hiring a postdoctoral fellow to work at the intersection of systems biology and clinical data management. The fellow will collaborate with an interdisciplinary team of clinicians, biologists, geneticists, and data scientists to develop tools to improve the management of multi-faceted data to support systems biology research. Candidates should have strong software skills and an MD or PhD with research experience with Electronic Health Record data. Experience with Common Data Models, such as OMOP CDM from OHDSI, is preferred.

SCRIPT Successful Clinical Response In Pneumonia Treatment

This position is supervised by Dr. Justin Starren and the primary appointment will be in the Division of Health and Biomedical Informatics in the Department of Preventive Medicine. Northwestern has a vibrant Informatics and Data Science research community, with the Institute of Augmented Intelligence in Medicine and AI@NU. We are located in downtown Chicago, which has been voted the best big city in the United States for six years running.

Research Programmer Analyst (RPA) Remote/Hybrid
IT EDW Operations
Full Time
72973BR

Job Summary

Work as a Research Programmer Analyst (RPA) on a small team to develop, operate, and maintain ETL processes, clinical data warehouses, and associated data products for health research.

The RPA's role is multi-faceted, involving domain knowledge (clinical data, research informatics), technical expertise, and communication skills. The RPA will operate, monitor, and enhance existing ETL processes and infrastructure, develop data profiles, perform quality assessments, investigate data anomalies, and create/maintain related documentation and annotated data dictionaries. The RPA will routinely communicate with researchers, clinicians, data scientists, and other stakeholders to stay aligned with needs and understand data requirements and translate them into efficient, well-documented ETL solutions.

The RPA will support multiple projects and data assets, including the PCORnet CDM (and related research projects), the UC Health Data Warehouse (UC HDW Operational OMOP), and the "All of Us" Research Program.

Responsibilities include, but are not limited to the following:

1. Work closely with researchers, data scientists, and other stakeholders to understand their data requirements and translate them into efficient ETL solutions.
2. Develop, implement, and maintain ETL processes using SSIS and t-SQL stored procedures to extract, transform, and load data from Epic EHR and other sources into common data models like PCORnet CDM and OHDSI's OMOP.
3. Ensure data quality and integrity throughout the ETL process by performing data mapping, transformation, and validation.
4. Optimize ETL processes for performance, scalability, and reliability, identifying and resolving bottlenecks as needed.
5. Collaborate with team members to integrate data from disparate sources and ensure seamless data flow for research purposes.
6. Maintain up-to-date knowledge of the healthcare domain, including clinical terminologies, workflows, data standards, and regulations.
7. Adhere to data security best practices and ensure compliance with privacy regulations like HIPAA.
8. Provide (and request) technical support and guidance to (and from) other team members as needed.
9. Contribute to project management, setting priorities, and meeting deadlines.

To see the salary range for this position (we recommend that you make a note of the job code and use that to look up): TCS Non-Academic Titles Search (ucop.edu)

Please note: The compensation ranges listed online for roles not covered by a bargaining unit agreement are very wide, however a job offer will typically fall in the range of 80% - 120% of the established mid-point. An offer will take into consideration the experience of the final candidate AND the current salary level of individuals working at UCSF in a similar role.

For roles covered by a bargaining unit agreement, there will be specific rules about where a new hire would be placed on the range.

To learn more about the benefits of working at UCSF, including total compensation, please visit: https://ucnet.universityofcalifornia.edu/compensation-and-benefits/index.html

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?

June 6 Community Call

OHDSI Standardized Vocabularies: Landscape, Roadmap & Community Contributions

Anna Ostropolets

Director, Head of the Innovation Lab
Odysseus Data Services, Inc.

Alexander Davydov

Technical Team Lead
Odysseus Data Services, Inc.

Christian Reich

Senior Researcher, Erasmus University Medical Center
Professor of Practice, Northeastern University

2023 OHDSI Symposium Schedule

European Symposium

July 1-3 • Rotterdam, Neth.

ohdsi-europe.org

Asia-Pacific Symposium

July 13-14 • Sydney, Australia

ohdsi.org/2023apacsymposium

Global Symposium

Oct. 20-22 • East Brunswick, NJ, USA

ohdsi.org/ohdsi2023