



# **OHDSI Community Call**

## **Early-Stage Researchers WG**

**11/25/2025**

### **Working Group Co-Leads:**

Shounak Chattopadhyay

Benjamin Martin

Harry Reyes Nieva



# Mission Statement

To create an inviting venue for OHDSI community members early in their careers or engagement with OHDSI to navigate its resources, ask questions, present their research, find mentorship through networking, and seek insight on their career trajectories.

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ESR WG Activities

# Monthly Meetings

## ESR Spotlight Talks



**Aparajita Kashyap**

PhD Student  
Columbia University



**Vipina Keloth, PhD**

Associate Research Scientist  
Yale University



**Kelly Li**

PhD Student  
University of California, Los Angeles



**Jen Park**

PhD Student  
Johns Hopkins University

## Meet-the-Mentor Roundtables



**Fan Bu, PhD**

Assistant Professor  
University of Michigan



**Paul Nagy, PhD**

Associate Professor  
Johns Hopkins University



**Anna Ostropolets, MD, PhD**

Associate Director, Johnson & Johnson  
Adjunct Professor, Columbia University

## Announcements

- New Opportunities

## Open Discussions

- Career advancement and funding
- Mentor-mentee relationships
- Network study challenges

## Event Planning

- OHDSI Global Symposium



ESR WG Activities

# OHDSI Global Symposium

49 ESRs contributed 54 first-author submissions

22 institutions represented

## Expertise\*

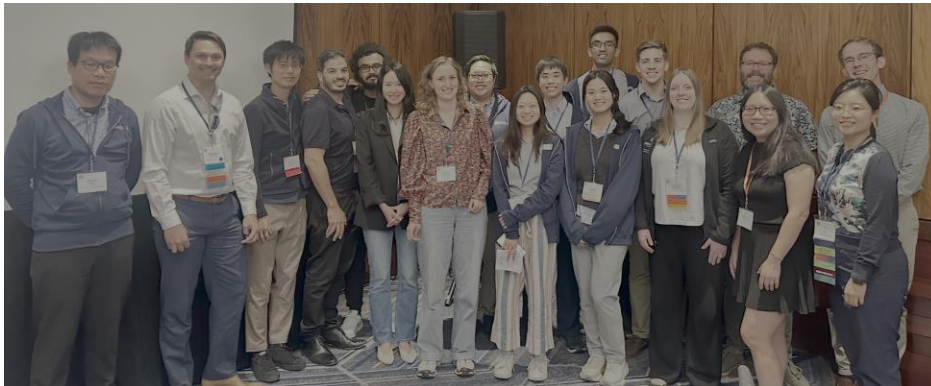
Computer Science	19
Medicine	17
Clinical Sciences	16
Statistics	9
Epidemiology	8
Health Policy	4

## Industry\*

Academia	46
Health System	16
Pharmaceutical	9
Government	4
Technology Provider	6
Patient	1

\*ESR self-report (multiple selections allowed)

## Networking Activities



## *From Novice to Leader*

Panel Discussion



**Marc Suchard, MD, PhD**  
University of California, Los Angeles



**Priya Desai, MS**  
Stanford University



**Karthik Natarajan, PhD**  
Columbia University



*Inaugural*

# OHDSI Hebe Awards for Early-Stage Researchers



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**ARKE: An Ontology-Driven Framework for Standardizing Radiology Procedure Terminology Using LLMs and RAG**  
***Sumin Lee***, Kyulee Jeon, Yiju Park, Min Seong Kim, Juhyeon Jin, Changhoon Han, Soonho Yoon, Seng Chan You



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**Exploring Efficient and Scalable OMOP CDM Workflows by Leveraging dbt-synthea**  
***Markian Hromiak***, Aradhya Rajanala, Jacob S. Zelko, Katy Sadowski



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d

**The Fine Art of Tolerance: Robustify p-value Calibration in Observational Studies with Partially Valid Negative Control Outcomes**

***Bingyu Zhang***, Dazheng Zhang, Huiyuan Wang, Wenjie Hu, Qiong Wu, Chongliang Luo, Lu Li, Tsai Hor Chan, Yudong Wang, Martijn Schuemie, Patrick Ryan, George Hripcsak, Marc Suchard, Yong Chen

*Thank you, judges!*



*Inaugural*

# OHDSI Hebe Awards for Early-Stage Researchers



## Honorable Mentions

- **Use of CohortDiagnostics for evaluating a phenotype of acute-on-chronic hepatic failure**  
Kyulee Jeon, Minseong Kim, Soon Ho Yoon, Seng Chan You
- **Feasibility of Fully Data-Driven Federated Learning on Large Observational Health Data**  
Egill Fridgeirsson, Jenna Reps
- **Standardized Imaging Phenotyping and AI Validation for Tuberculosis Using Medical Imaging Extension for OMOP CDM and ATLAS**  
Kyulee Jeon, Minseong Kim, Soon Ho Yoon, Seng Chan You
- **DarwinBenchmark: Evaluating cohort generation and analytics in OMOP CDM databases**  
Ioanna Nika, Maxim Moniat, Guido van Leeuwen, Ross Williams
- **Enhancing Empirical Comparator Recommendations With User Specified Weights: Approach and Assessment**  
Justin Bohn, Cameron R. Atkins, Jamie P. Gilbert, Christopher Knoll, David M. Kern, Patrick B. Ryan



# Ongoing Work

- **Align WG activities with needs, priorities, and goals of ESR membership**
  - Develop and conduct an annual survey to identify and examine OHDSI ESR membership needs, priorities, and goals.
  - Create a strategic plan and roadmap outlining how WG activities will address identified needs and priorities.
- **Facilitate involvement, visibility, and networking opportunities for ESR**
  - Develop a Mentor and Membership Directory for matchmaking
  - Create onboarding roadmap for trainees in different disciplines and career paths (Informatics, Epidemiology, Medicine, Statistics, etc.)



# Ongoing Work

- **Expand the group leadership structure and better support global participation**
  - Recruit dedicated members to organize monthly series, mentor/mentee directory, and outreach
  - Identify representatives to liaise with regional chapters
  - Expand ESR WG membership to include active members from at least three regional chapters.
- **Grow OHDSI network and ESR WG membership**
  - Develop ESR WG promotional materials
  - Advertise OHDSI and ESR WG to institutions and organizations that have not previously participated in OHDSI
  - Distribute OHDSI and ESR promotional materials at non-OHDSI scientific fora, in particular, those that cater to ESRs





# Monthly Meetings

- 1st Thursday of the month at 2:00-3:00PM Eastern Time
    - Next meeting: Thursday, December 4th, 2-3PM EST on MS Teams
    - Future meeting times may change to better accommodate time zones that span ESR global membership
  
  - Co-leads:
    - Shounak Chattopadhyay ([shounakch@virginia.edu](mailto:shounakch@virginia.edu))
    - Benjamin Martin ([bmarti86@jh.edu](mailto:bmarti86@jh.edu))
    - Harry Reyes Nieva ([harry.reyes@columbia.edu](mailto:harry.reyes@columbia.edu))
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