

# EMERSE Community Meeting

em<sup>ER</sup>rse

2023-May-23

<https://project-emerse.org>

# Plan for today

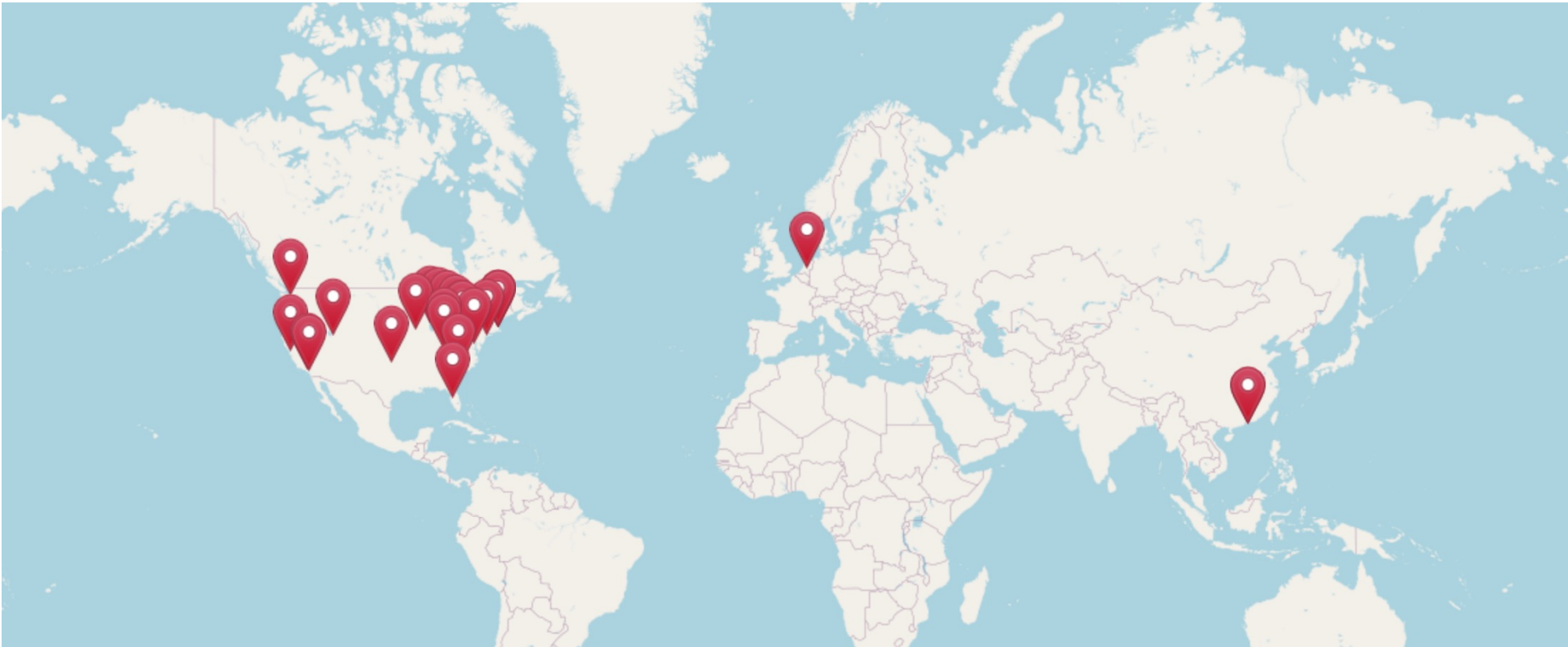
- Welcome and Housekeeping
- Announcements and Updates
- EMERSE Evaluation Study: Kai Zheng, PhD, FACMI
- Discussion: Administration, Architecture and Technology
- Open Forum
- Adjourn

# Housekeeping

- *Zoom Meeting*
  - More opportunities for interaction
- Please stay muted, unless you would like to ask a question or make a comment
- Feel free to use the chat function to type questions or provide comments
- We will answer questions throughout
- We will record this meeting, available where prior recordings are location: <https://project-emerse.org/presentations.html>

# A Growing Community

- Registrants from 25 organizations and institutions
  - <https://project-emerse.org/community.html>



# Acknowledgements

- EMERSE has been supported by:
  - NCI ITCR program
  - NCATS/CTSA/MICHR
  - Michigan Medicine
    - Department of Learning Health Sciences
    - Office of Research
    - Health Information Technology & Services

# Updates and Announcements

- ChatGPT (and other LLMs)
- EMERSE Research Collaborative
  - First meeting: May 9, 2023
  - Next meeting: TBD
- New EMERSE Release (More later.....)

# Publications

## University of Michigan

Gunchick V, et al. Survival Analysis of 1140 Patients with Biliary Cancer and Benefit from Concurrent Renin-Angiotensin Antagonists, Statins, or Aspirin with Systemic Therapy. *Oncologist*. 2023 Apr 10:oyad063. PMID: 37036699

→ "*largest retrospective advanced BTC cohort in the literature* with both OS and PFS data reported"

## Case Western Reserve University

Rao G, et al. Recognition, diagnostic practices, and cancer outcomes among patients with unintentional weight loss (UWL) in primary care. *Diagnosis (Berl)*. 2023 Apr 21. PMID: 37080911

## University of North Carolina-Chapel Hill

Powell C, Lancaster K. Natural medical history study of patients with STAC3 disorder from a single center. *Genetics in Medicine Open*. Volume 1, Issue 1 Supplement, 2023. 2023 ACMG Annual Clinical Genetics Meeting, 14 March 2023 - 18 March 2023.

→ "*largest case series to date* of patients with a clinical or molecular diagnosis of STAC3 disorder."

# EMERSE Evaluation

## **Kai Zheng, PhD, FACMI**

Professor in Informatics and Emergency  
Medicine

Chief Research Information Officer, Office  
of Data and Information Technology

Director of Biomedical Informatics, Institute  
for Clinical and Translational Science

Director, Public Health Informatics &  
Technology Workforce Development  
Program

University of California, Irvine





# Administration, Architecture and Technology

- Recent release
- Enhancements - Demo/discussion of filters
- Bug fixes

# Administration, Architecture and Technology

- Synonyms – used for query expansion
  - Free license if used within EMERSE, and for research only
  - 2.4M total rows
  - 1.8M unique rows
  - July 4 weekend a good time to update counts (contact David if you want update)

# Wrap up

- THANK YOU
- Next Meeting: TBD (Sep/Oct 2023)
- Please complete meeting survey
  - <https://bit.ly/emerse-may-2023>

