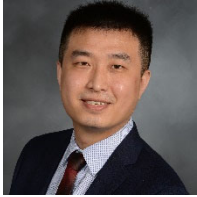


PQHS NEWS

UPCOMING EVENTS



Research Methods Meeting

Wednesday, February 5th, 10:00-11:00 AM

Title: LLM for Clinical Evidence Retrieval and Summarization

Presenter: Yifan Peng, Ph.D., FACMI, is an Associate Professor in the Department of Population Health Sciences at Weill Cornell Medicine

Description: In medicine, our understanding of diseases, treatments, and preventive measures is perpetually advancing. Despite this, the existing framework of evidence-based medicine (EBM) faces formidable challenges from information overload, as no clinician can catch up with the explosive publication paces and lacks a robust mechanism for the continuous integration of new evidence. The advent of Generative AI, exemplified by large language models (LLMs) signifies a potentially transformative development in the methodologies employed to collect, appraise, disseminate, and interact with clinical evidence. In this talk, I will discuss our research on addressing the "lost-in-the-middle" issue in evidence retrieval and the fine-tuning of LLMs for effective medical evidence summarization.

Bio: Dr. Peng's main research interests include BioNLP and medical image analysis. He has published in major AI and healthcare informatics venues, including ACL, NAACL, CVPR, and MICCAI, as well as medical venues, including Nature Medicine, Nucleic Acids Research, npj Digital Medicine, and JAMIA. His research has been funded by federal agencies, including NIH and NSF and industries such as Amazon and Google. He received the AMIA New Investigator Award in 2023. He was elected as a fellow of the American College of Medical Informatics (ACMI) in 2024.

To join the meeting click [here](#).



Friday, February 7, 2025, 11:00AM-12:15PM – via Zoom

Projects in Process Seminar Series (PiPSS)

Information Session - Quantitative Methods Core & Biomedical Informatics Core & TriNetX

Presenters: Bruce Barton, PhD, Adrian Zai MD, PhD, MPH and Ugur Celik PhD Student and Data Scientist
Scholars and trainees in the T, K, MSCI, PPP, CODER, and Millennium programs, present in our annual "Projects in Process Seminar Series (PiPSS)". The series is designed to provide an opportunity to present their work in a structured format and in a forum of peers and faculty, with the goal of ensuring the continuous, professional feedback and cross-fertilization that is required for excellence in research.

Click [here](#) to join.



Friday, February 7, 2025, 1:30PM – AS9.2072

Title of my proposal: "Determinants of WIC Participation among Children of Immigrants"

Presenter: Claire Branley

Mentor: Dr. Stephenie Lemon

QE Committee members:

Chair: Dr. Jen Tjia

Members: Drs. Rob Goldberg, Jonggyu Baek, and Melissa Goulding



Tuesday, February 11, 2025, 4:00-5:00PM – via Zoom

AI and Community-Engaged Research - Hear researcher and community perspectives on artificial intelligence and community-engaged research. What are the most pressing challenges and concerns and how can health equity be addressed?

Speakers include: Rosa Aleman, BA, Digital Communications and Content Strategist at American Civil Liberties Union of Massachusetts, and a founding member and former co-

chair of the Harvard Catalyst's Community Coalition for Equity in Research and **Matthew DeCamp, MD, PhD**, Associate Professor in the Center for Bioethics and Humanities and Division of General Internal Medicine, at the University of Colorado, Anschutz Medical Campus.

Click [here](#) to Register.

ANNOUNCEMENTS



Directed by Catarina Kiefe, MD, PhD (PQHS) and Kevin Donahue, MD (Cardiovascular Medicine), the **NHLBI-funded Transdisciplinary Training in Cardiovascular Research Program (T32)** is currently accepting applications for **post-doctoral trainees**. Please visit [PQHS - Transdisciplinary Training in Cardiovascular Research T32 Training Program](#) for more information on this opportunity." Questions? Contact Rebecca Gigliello (Rebecca.gigliello@umassmed.edu)



Monday, February 3, 2025, 1:00-2:15PM – via Zoom

Gerontology Speaker Series

Title: *“Coupled Inequalities? Gender, Educational Assortative Mating and Cognitive Health in Later Life”*

Presenter: Ariane Bertogg, PhD, University of Konstanz

Click [here](#) to join. Password: Boston

For more information contact Sung S. Park: Sung.Park@umb.edu



Monday, February 10, 2025, 1:00-2:15PM – via Zoom

Gerontology Speaker Series

Title: *“Ask-Me-Anything Workshop for Doctoral Students: Careers in Europe – Funding, Mobility, Programs”*

Presenter: Ariane Bertogg, PhD, University of Konstanz

Click [here](#) to join. Password: Boston

For more information contact Sung S. Park: Sung.Park@umb.edu

UMASS CHAN REMINDER

Holiday Calendar for UMass Chan Medical School

Remaining Holiday Schedule for 2025:

- Presidents Day – Monday, February 17th
- Patriots’ Day – Monday, April 21st
- Memorial Day – Monday, May 26th
- Juneteenth National Independence Day – Thursday, June 19th
- Independence Day – Friday, July 4th
- Labor Day – Monday, September 1st
- Indigenous Peoples’ Day – Monday, October 13th
- Veterans Day – Tuesday, November 11th
- Thanksgiving Day – Thursday, November 27th
- Day After Thanksgiving – Friday, November 28th



- Christmas Eve – Wednesday, December 24th
- Christmas Day – Thursday, December 25th

PQHS Weekly will be sent to all members of PQHS on Monday mornings. The intent is to provide a snapshot of what is going on that week in PQHS and to share our faculty and staff activities with the department. We depend on you to provide the items we need to share. Please send suggestions of events, faculty invited seminars & talks, honors, student thesis presentations, and news – new babies born! – to Kellie (kellie.armstrong@umassmed.edu) & Sarah (sarah.yeboah@umassmed.edu) by Friday each week.