



Weekly Newsletter July 29-August 2, 2024

PQHS NEWS

UPCOMING EVENTS



**Wednesday, July 31 – 10:00 – 11:00 AM**

**Research Meeting –Title:** Beyond Randomized Trials: Applying Interrupted Time Series in Healthcare Research

**Presenter:**

Vincent Kan, MD, MSCI student

Clinical and Translational Science Research Fellow, Department of Emergency Medicine, Instructor of Emergency Medicine

UMass Chan Medical School, UMass Memorial Health

**Bio:** Vincent Kan is a practicing emergency physician and a Clinical and Translational Science Research Fellow in the Department of Emergency Medicine at UMass Chan Medical School. His research interests include pharmacoepidemiology and anticoagulant use among older adults, medical decision-making and practice variations in patient outcomes, and health care disparities in emergency care. His thesis research focused on the disparities in anticoagulant use among

ambulatory care patients with atrial fibrillation and atrial flutter in the United States.

**Brief Description:** This presentation will provide an overview of the Interrupted Time Series (ITS) analysis as a method for evaluating the effectiveness of interventions implemented at a defined point in time. In addition to discussing the fundamental concepts and appropriate use cases for ITS analysis, the session will cover how to construct and interpret a basic ITS model. Practical examples will illustrate the benefits and limitations of using ITS in healthcare research, particularly when randomization is not an option.

Click [here](#) to join or call 646 876 9923 Meeting ID: 937 1668 5400 password: 492717



**Thursday, August 1, 2024, 9:30-10:00AM in AS9-2072**

**PHS Comprehensive Project Presentation:** *“The Prevalence of Central Nervous System-Active Polypharmacy in Nursing Home Residents in the U.S. During the COVID-19 Pandemic.”*

**Presented by:** Heeyoon Jung, BSN, MS

Click [here](#) to join.



**Thursday, August 1, 2024, 11:00-11:30AM in AS9-2072**

**PHS Comprehensive Project Presentation:** *“Evaluating the impact of opioid misuse on depression prevalence in a large national cohort.”*

**Presented by:** Nathaniel Glassy, ALM, CCRC

Click [here](#) to join.



**Friday, August 2, 2024, 8:30-9:00AM in AS9-2072**

**PHS Comprehensive Project Presentation:** *“Associations between parent-perceived neighborhood support and healthy lifestyles and food security among children.”*

**Presented by:** Claire Branley, BS

Click [here](#) to join.



**Friday, August 2, 2024, 11:00-11:30AM in AS9-2072**

**PHS Comprehensive Project Presentation:** *“Dietary Patterns and Metabolic Syndrome Prevalence Among US Young Adults: NHANES 2011-2018 Analysis.”*

**Presented by:** Mary Lee, BS, MPH

Click [here](#) to join.



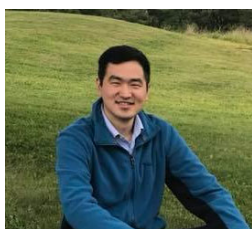
**Thursday, August 1st – 2:00-3:00PM**

Tea Time will be hosted by the QMC. Please stop by, say hello and have a cup of tea.

### WELCOME TO PQHS



**Welcome to PQHS!** Tiffany E. Cook, MA, joins the Department of Population and Quantitative Health Sciences (PQHS) as an affiliate faculty member with a secondary appointment in the Department of Medicine. Concurrently, she will serve as the Director of Inclusion, Diversity, & Equity (ID&E) Workplace Programs at Dana-Farber Cancer Institute, leading initiatives to integrate ID&E principles into the institute's culture and enhance ID&E knowledge.



**Welcome** Biao Yin, PhD to join the PQHS team. He will serve as an AI Research Scientist of the innovative AI for Health (iAI4Health) lab (<http://www.umassmed.edu/ai4health>) at the Health Informatics and Implementation Science Division of PQHS, starting Monday, July 29, 2024. Dr. Yin obtained his PhD in Computer Science from Worcester Polytechnic Institute in 2024. He will work with Dr. Feifan Liu in developing innovative AI techniques for various biomedical applications, including risk predictive modeling, translational medicine and model bias mitigation.

### PQHS HAPPENINGS



#### **Sign-Up for Membership – CCTS | UMass Chan Medical School – Worcester**

Sign-up for membership to the UMass Center for Clinical and Translational Science. It's free and easy! Members can access UMass Chan research cores at the UMass on-campus academic rate. Non-UMass academic members can access UMass Chan research cores at the off-campus academic rate. Industry partners pay industry rates. Click [here](#) to join.



**Sign up to have lunch with the Chair & Vice Chair!** There are still slots available to pick from. Lunch with the Chair and Vice Chair sign ups are first come first serve for 3 Faculty Members and 3 Staff Members each month to have to have a nice catered meal and to talk about anything, but *NO WORK TALK*. Please review the available slots below and click on the button to sign up for the date that works for you. Thank you! Click [here](#) to sign up!

### ANNOUNCEMENTS



**Thursday, August 8, 2024, 10:00-10:30AM in AS9-2072**

**PHS Comprehensive Project Presentation:** *“Assessing the relationship between ethnic minority language barrier and depression among Spanish speaking Latinos living in US nursing homes.”*

**Presented by:** Natalia Nielsen, MPH

Click [here](#) to join.



**Tuesday, August 13, 2024, 8:30-9:00AM in AS9-2072**

**PHS Comprehensive Project Presentation:** *“Association of everyday discrimination and sleep quality: data from the All of Us Research Program.”*

**Presented by:** Hyelin Lee, BS

Click [here](#) to join.

## UMASS CHAN REMINDER

### Holiday Calendar for UMass Chan Medical School

#### Remaining Holiday Schedule for 2024:

- Labor Day – Monday, September 2<sup>nd</sup>
- Indigenous Peoples' Day – Monday, October 14<sup>th</sup>
- Veterans Day – Monday, November 11<sup>th</sup>
- Thanksgiving Day – Thursday, November 28<sup>th</sup>
- Day After Thanksgiving – Friday, November 29<sup>th</sup>
- Christmas Eve – Tuesday, December 24<sup>th</sup>
- Christmas Day – Wednesday, December 25<sup>th</sup>



UMass Chan Medical School's [Office of Communications](#) is initiating regularly scheduled opportunities where faculty, staff, and students can have a professional headshot taken. Photos are taken every other Wednesday from 9 AM to 3 PM on the fifth floor of the Sherman Center by the elevators. Each session caps at 50 people. Anyone at UMass Chan can sign up using this document found on the SharePoint site. See updated link for new options: [Photo Sign-Ups \(office365.com\)](#)

*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](mailto:kellie.armstrong@umassmed.edu)) & Sarah ([sarah.yeboah@umassmed.edu](mailto:sarah.yeboah@umassmed.edu)) by Friday each week.*