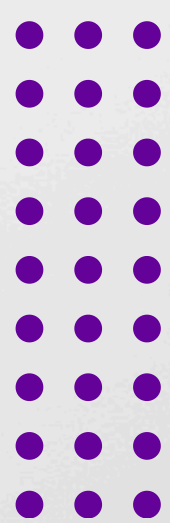


**The Chinese University of Hong Kong
Department of Psychiatry
Schedule for January, 2025**

<u>Date</u>	<u>Time</u>	<u>Activity</u>	<u>Speaker(s)</u>
Jan2		No Event	
Jan9	14:30-16:30	Semi-annual orientation program for SH trainees (SH)#@	Dr. Vincent LEUNG Dr. Wayne TANG Dr. Vivian LIM
	14:30-16:30	Introduction Course for New Doctors of TPH/NDH (MUL)#@	Dr. YC WONG Dr. Patrick CHAN Dr. Fu CHAN Dr. Candy WONG Dr. Kenneth WONG Dr. Raymond LEUNG
Jan15	11:00-12:00	Research Seminar (MUL)* <i>Leveraging Large AI models and Big Data to Advance Health and Medical Informatics</i>	Dr. Lizhou FAN
		Registration: https://bit.ly/4gLuJM4	
Jan16	14:30-16:30	Quality Assurance Meeting (SH)# / (TPH)#	
Jan23		No Event	
Jan30		Public Holiday	
Venue:	*Live video #Closed meeting	@Non-CME Event	<div>MUL</div> <div>Seminar Room, Multi-centre, Tai Po Hospital, Tai Po, N.T.</div> <div>TPH</div> <div>Conference Room 1 G/F, Wing D Tai Po Hospital, Tai Po, N.T.</div> <div>SH</div> <div>Dining Room Ward 7AB Dept. of Psychiatry 7/F, Shatin Hospital Shatin, N.T.</div> <div>1AL</div> <div>Rm. 1005, Dining Room Ward 1AL, 1/F Tai Po Hospital Tai Po, N.T.</div>

Please contact 2607-6025 two days before hand to arrange presentation equipment.

<http://www.psychiatry.cuhk.edu.hk>



RESEARCH SEMINAR

Department of Psychiatry



Dr. Lizhou FAN

PhD

University of Michigan

Date: 15 JAN 2025 (WED)

Time: 11:00 – 12:00

Venue: Seminar Room, Multicentre, TPH & Zoom

**Topic: Leveraging Large AI models and Big Data to
Advance Health and Medical Informatics**

Abstract:

Advances in artificial intelligence (AI) and big data have been driving transformative progress in healthcare and biomedical domains. This seminar highlights how large AI models and big data technologies address critical challenges in medical and health informatics. The discussion focuses on two main areas: first, **digital health and medical decision support systems**, with an emphasis on AI-powered patient simulation for medical training; second, **health opinion mining** via data-driven AI systems to analyze societal responses to pandemics and infodemics like Mpox and COVID-19, helping shape health policies. The seminar also explores the foundational work in **big data management** and **large AI models**, emphasizing the discovery and reuse of research data and cutting-edge large language model contributions. By connecting these foundations to real-world applications, the seminar charts a path for leveraging AI and big data to optimize medical decision-making and advise on health policy.

Biography:

Dr. Fan is a postdoctoral research fellow at Harvard-Mass General Brigham's AI in Medicine Program. He received a PhD in Information from University of Michigan and a BS in Statistics from UCLA. His interdisciplinary research encompasses artificial intelligence, natural language processing, data technologies, and social computing, with a primary domain focus on advancing health and medical informatics.

Registration

