

Date	Time	Programme	Venue
12 March 2026	1600-1645	HKU-Research-Seminar	Lecture Room 211 A&B, 2/F, New Clinical Building, Queen Mary Hospital
		<p>Topic: A Transdiagnostic Computational Architecture of Social Decision-Making</p> <p>Brief summary: Understanding others' mental states is essential for social interaction, yet it fundamentally involves inference under uncertainty. The brain must transform noisy perceptual input into socially meaningful interpretations. I will present a computational framework that models this process as evidence accumulation under uncertainty. We applied hierarchical drift diffusion modeling to decompose social judgments into mechanistic components across participants spanning schizophrenia-spectrum disorder, bipolar disorder, depression. We found that impairments were specific to evidence accumulation under ambiguity and were shared across diagnoses. Archetypal analysis revealed distinct social decision-making strategies expressed dimensionally across individuals. A profile characterized by efficient evidence accumulation was associated with lower symptoms and better functioning. This work illustrates how computational modeling can bridge social cognition, psychiatric heterogeneity, and functional outcomes within a unified framework.</p> <p>Presented by: Mr Tsui Kam Hung Harry (PhD candidate, Department of Psychiatry, SCLinMed, HKU)</p> <p>Chaired by: Professor CHAN Kit Wa, Sherry (Clinical Associate Professor, Department of Psychiatry, SCLinMed, HKU)</p>	

Date	Time	Programme	Venue
12 March 2026	1645-1730	HKU-Research-Seminar	Lecture Room 211 A&B, 2/F, New Clinical Building, Queen Mary Hospital
		<p>Topic: Long-Term Risks of Mortality and Hospitalization Associated with Clozapine Use in Patients with Schizophrenia</p> <p>Brief summary: Clozapine demonstrates exceptional efficacy in alleviating psychiatric symptoms in patients with treatment-resistant schizophrenia (TRS) and is the only medication approved by the U.S. Food and Drug Administration for this condition. However, its use is frequently postponed due to concerns about severe and potentially life-threatening side effects. This study employs between-individual and within-individual designs separately to investigate the long-term risks of mortality and hospitalization linked to clozapine use in individuals diagnosed with schizophrenia. By examining adverse outcomes, the research aims to enhance understanding of clozapine's safety profile compared to other antipsychotics. The findings are intended to inform clinical practices and assist healthcare providers in making evidence-based decisions regarding clozapine treatment for schizophrenia management.</p> <p>Presented by: Dr Zhou Huiquan (Post-doctoral Fellow, Department of Psychiatry, SCLinMed, HKU)</p> <p>Chaired by: Professor CHAN Kit Wa, Sherry (Clinical Associate Professor, Department of Psychiatry, SCLinMed, HKU)</p>	