

KEVIN J SKOBLENICK
BSc (Hons), MD, MSc, PhD, FRCPC
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Employment

'NMHI 2.0' Working Group Member	2024-Current
<i>Neuroscience and Mental Health Institute, University of Alberta</i>	
Adjunct Professor	2024-Current
<i>Department of Psychiatry, University of Alberta</i>	
Human Research Ethics Board (4) Member	2023-Current
<i>University of Alberta</i>	
Research Member	2022-Current
<i>Neuroscience and Mental Health Institute - University of Alberta</i>	
Clinical Lecturer	2022-Current
<i>Department of Emergency Medicine, University of Alberta</i>	
Research Scientist	2021-Current
<i>Emergency Medicine Research Group – Department of Emergency Medicine, University of Alberta</i>	
Emergency Physician (Permanent)	2021-Current
<i>Emergency Department – Royal Alexandra Hospital and Northeast Community Health Centre</i>	

Education

FRCPC (Emergency Medicine)	2016-2021
<i>Department of Emergency Medicine, University of Alberta, Edmonton, Canada</i>	
Specialization Year: Basic Science to Clinical Science Transition	
Advisor: Dr. Brian Rowe	
MD/PhD, (Neuroscience)	2009-2016
<i>Department of Anatomy and Cell Biology, Western University, London, Canada</i>	
Thesis Title: Investigating the Primate Prefrontal Cortex Correlates of Cognitive Deficits in the Ketamine Model of Schizophrenia	
Advisor: Dr. Stefan Everling	
MSc, (Neuropharmacology)	2007-2009
<i>Department of Physiology and Pharmacology, McMaster University, Hamilton, Canada</i>	
Thesis Title: Positive and Negative Allosteric Modulation of the Dopamine Receptor by PLG Analogue Diastereomers	
Advisor: Dr. Ram Mishra	
Continuing Education Student	2006-2007
<i>Department of Psychology, McMaster University, Hamilton, Canada</i>	
BSc, Biology-Psychology (Honors)	2002-2006
<i>Department of Biology, McMaster University, Hamilton, Canada</i>	

Research & Teaching Experience

Guest Lecturer

2024-Present

- Undergraduate: PMCOL 200 - Drugs - An Introduction to Pharmacology
- Graduate: PSYCI 511 - Biological Aspects of Psychiatry

City Lead

2023-Present

Co-Investigators: Dr. Eric Chan (U of C, Psychiatry), Dr. Justin Petryk (Misericordia Hospital, Psychiatry)

- City lead for Edmonton EDs for project: Cluster analysis of suicidal patients referred to psychiatry in the emergency department using machine learning

Resident Project Supervisor

2022-Present

- Supervise emergency medicine residents for their research project requirements during residency
 - Dr. Ryan Yip – Emergency medicine perspective on ketamine-induced hypertension (published in *Frontiers in Psychiatry*)
 - Drs. Stephanie Schindler and Melissa Pyrch – Chart review of cannabis-induced psychosis in the ED (manuscript in preparation)
 - Dr. Fiona Tran – Cancer pain management in the ED for non-English speaking patients (pending ethics approval)

Principal Investigator

2021-Present

Co-Investigators: Dr. Ram Mishra (Neuropharmacology, McMaster University), Dr. Simon Chiu (Psychiatry, Western University)

- Initiated a research collaboration to work on a rapid reversal agent to treat methamphetamine-induced psychosis in the emergency department. Currently exploring funding options and finding local collaborators

Principal Investigator

2014-2016

London Health Sciences Centre, London, Canada

Co-Investigators: Dr. Viraj Mehta (Dept. of Psychiatry) and Dr. Allison Meiwald (Dept. of Emergency Medicine)

Project Title: Examining Mental Health Care Provision in the Emergency Departments of London, Ontario Hospitals

- Designed clinically relevant project, collected and analyzed data, assembled project into an abstract and poster presentation for a national conference

Teaching Assistant

2007-2009

Nursing Pharmacology and Nursing Microbiology, McMaster University, Hamilton, Canada
Supervisor: Catherine Fan

Research Assistant

2004-2007

Department of Psychiatry and Behavioural Neuroscience, McMaster University, Hamilton, Canada
Supervisor: Dr. Ram Mishra

Awards

Best Resident Presentation – Emergency Medicine Research Day 2018

Department of Emergency Medicine, University of Alberta, Edmonton, Canada

- Awarded to the best original research or QI project performed by a resident or team of residents

Governor General of Canada's Gold Academic Medal – Faculty Nominee 2014

Western University, London, Canada

- Selected as the candidate from the Schulich School of Medicine and Dentistry's for the final round of national award decision

Drs. Madge and Charles Macklin Fellowship for Publication (\$3000) 2013

Schulich School of Medicine and Dentistry, Western University, London, Canada

- The Drs. Madge and Charles Macklin Fellowship is awarded to a full-time doctoral student in the Schulich School of Medicine & Dentistry that recognizes and awards excellence in teaching and research.

Canadian Institutes of Health Research- Canadian Graduate Scholarship – Doctoral Level (\$35,000 x 3 years) 2009

Department of Anatomy and Cell Biology, Western University, London, Canada

National Sciences and Engineering Research Council - Post Graduate Scholarship – Masters Level (\$17,300) 2008

Department of Physiology and Pharmacology, McMaster University, Hamilton, Canada

Training

Reviewer in Training – Outstanding Participant (CIHR BHB Committee) 2022

ACLS Instructor (*Heart and Stroke Foundation of Canada*) 2018

CPoCUS Independent Practitioner (*Canadian Point of Care Ultrasound Society*) 2017

Mental Health First Aid (*Canadian Mental Health Association*) 2015

Indigenous Cultural Competency Training (*BC Provincial Health Services Authority*) 2015

Extra Curricular Activities

Edmonton Jewish Hockey League 2016-current

Weekly hockey matches with skill-based lines – currently 3rd line

Woodworking Student 2016-current

Current member of Edmonton New Technology Society – Co-op wood and metalwork shop

Drummer 2002-2013

The Obituaries/ Something Fatal/ Lexington Cure, Waterford, Canada

Publications - Truncated

Peer Reviewed Journal Articles:

Skoblenick K, Hsu M, and Swainson J. An emergency department survey on research participation in the patient with suicidal ideation or suicide attempt. *Journal of Patient Experience* 10 (2023).

Edmundson J, **Skoblenick K**, and Rosychuk RJ. Flow through the Emergency Department for Patients Presenting with Substance Use Disorder in Alberta, Canada. *Western Journal of Emergency Medicine*. Jul;24(4):717 (2023).

Yip R, Swainson J, Khullar A, McIntyre RS, **Skoblenick K**. Intravenous ketamine for depression: a clinical discussion reconsidering best practices in acute hypertension management. *Frontiers in Psychiatry*. Sep 29;13:1017504 (2022).

Skoblenick KJ, Womelsdorf T and Everling S. Decreased outcome-sensitive beta-band activity accompany gamma-band changes in the monkey prefrontal cortex following ketamine administration. *Cereb Cortex*. 26(6): 2743-2752 (2016).

Skoblenick K and Everling S. NMDA antagonist ketamine impairs action-monitoring activity in the prefrontal cortex. *J Cog Neurosci*, 26(3):577-92 (2014).

Skoblenick K and Everling S. NMDA antagonist ketamine reduces task selectivity in macaque dorsolateral prefrontal neurons and impairs performance of randomly interleaved prosaccades and antisaccades. *J Neurosci*. 32(35):12018-27 (2012).

Skoblenick KJ, Argintaru N, Xu Y, Dyck BA, Basu D, Tan ML, Mazurek MF, and Mishra RK. Role of AP-2 α transcription factor in the regulation of synapsin II gene expression by dopamine D1 and D2 receptors. *J Mol Neurosci*. 41(2):267-77 (2010).

Ma L, **Skoblenick K**, Johnston K, Everling S. Ketamine alters lateral prefrontal oscillations in a rule-based working memory task. *J Neurosci*. 38(10):2482-2494 (2018).

Manuscripts in preparation:

Skoblenick K, et al. (CMPA Research Team). Factors affecting missed diagnoses of neurological emergencies. Manuscript in preparation.

Skoblenick K, Rumley C, Schindler S, Pyrch M, and Marsh M. Cannabis-induced psychotic disorder at a Canadian tertiary care emergency department. Manuscript in preparation.

Skoblenick K, Yang E, Wilson M, Youngson E, and Rowe B. Effect of alcohol intoxication on suicide mortality in Alberta: A seven-year province-wide retrospective cohort study. Under revision for resubmission.

Abstracts:

Skoblenick K, Rumley C, Gauri A, Marsh M. Cannabis-induced psychotic disorder at a Canadian tertiary care emergency department. Canadian Association of Emergency Physicians Conference, Ottawa. June 2020. (Conference cancelled due to COVID-19).

Skoblenick K. Cannabis-induced psychotic disorder at a Canadian tertiary care emergency department. National Update on Behavioural Emergencies. Scottsdale, AZ, Dec 2019.

Skoblenick KJ, Meiwald A, and Mehta V. Physician initial assessment times for mental health presentations in an adult emergency department. Canadian Association of Emergency Physicians. Edmonton, AB, June 2015.

Presentations:

Skoblenick K, Yang E, Wilson M, Youngson E, and Rowe B. Impact of alcohol intoxication on management of suicidality in the emergency department and subsequent effect on mortality. Presented at Canadian Association of Emergency Physicians Conference, Toronto ON, June 2023. *Poster presentation.*

Skoblenick K, Yang E, Wilson M, Youngson E, and Rowe B. ED Alcohol Intoxication and Suicide Mortality. Presented at National Update on Behavioural Emergencies, Scottsdale AZ, Dec 2022. *Seminar presentation.*

Skoblenick K. Ketamine and the Hypertensive Emergency. Presented at *Ketamine International Journal Club*. Hosted by Oxford University. November 2022. *Invited virtual presentation.*

Skoblenick K, Rumley C, Gauri A, Marsh M. Cannabis-induced psychotic disorder at a Canadian tertiary care emergency department. Canadian Association of Emergency Physicians Conference, Ottawa ON, June 2020. *Invited for Seminar Presentation.* (Conference cancelled due to COVID-19).

Skoblenick K. Cannabis-Induced Psychotic Disorder. National Update on Behavioural Emergencies, Scottsdale AZ, Dec 2019. *Seminar presentation.*

Colmers-Gray IN, Lam N, Mallia A, Morch K, Schonnop R, **Skoblenick K** et al. Implementing a procedural sedation checklist as a quality improvement initiative.” Clinical Innovation Symposium, Royal Alexandra Hospital, Edmonton AB, Nov 2018. *Seminar and poster presentations.*

Skoblenick K. Mental Health Care in London Emergency Rooms - The Jump to Clinical Research from a Lab-Based PhD. Clinical Scientist Trainee Symposium, London. Jan 2016. *Seminar Presentation.*

Skoblenick K, Meiwald A, Columbus M and Mehta V. Physician Initial Assessment Times for Mental Health Presentations In An Adult Emergency Department. Canadian Association of Emergency Physicians (Annual Conference), Edmonton. June 2015. *Poster presentation.*

SUMMARY:

Peer-Reviewed Publications: 21 **Manuscripts under Review:** 0 **Manuscript in Preparation:** 3

Abstracts: 17 **Presentations:** 17

Research Metrics: *h-index:* 15 *i10-index:* 18