

Sian H. Tsuei (“Shawn Tsu-ay”), MHSc, MD, PhD, CCFP
Department of Family Practice, University of British Columbia
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ACADEMIC APPOINTMENTS

Clinical Assistant Professor, Department of Family Practice, University of British Columbia	2023 – Present
Associate Faculty Member, School of Population and Public Health, University of British Columbia	2024 – Present
Adjunct Professor, Faculty of Health Sciences, Simon Fraser University	2023 – Present
Michael Smith Health Research BC Research Trainee Post-doctoral Fellow	2023 – Present
Visiting Scientist, Department of Global Health and Population, Harvard University	2024 – Present
Clinical Instructor, Department of Family Practice, University of British Columbia	2019 – 2023

PROFESSIONAL APPOINTMENTS

Locum Family Physician, Northwest Territories Health and Social Services Authority	2023 – Present
Urgent Care Family Physician, Metrotown Urgent and Primary Care Centre	2023 – Present

EDUCATION

Harvard T H Chan School of Public Health

PhD, Population Health Sciences, health systems specialization	2023
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University of British Columbia

Certification in the College of Family Physicians	2018
Master’s of Health Sciences	2016
MD	2015

University of Waterloo

Bachelor of Sciences	2011
Bachelor of Independent Studies	2011

RESEARCH AND TEACHING INTERESTS

Health systems	Primary care
Health care technology	Organizational behaviour

FIRST- OR LAST-AUTHORED PEER REVIEWED JOURNAL ARTICLES

1. Hsu M, Pokharel B, Kueper J, **Tsuei SHT**. Unlocking AI’s promise to support team-based care: specifying data needs, data alliance, and human-centered oversight (Accepted. JMIR—AI)
2. **Tsuei SHT**. AI Competency: Current State and Challenges (Accepted. JMIR—Medical Education)
3. **Tsuei SHT**, Law M, McGrail K, Stucchi A, Hedden L (2025). How do medical and social contexts drive efficiency and care quality in telemedicine? A quasi-experimental research protocol using matching (BMJ Open. DOI: 10.1136/bmjopen-2024-097225)
4. Kueper JK, Liaw W, Lizotte DJ, **Tsuei SHT** (2025). Why is primary care different? Technical considerations for machine learning development with electronic medical record data. (NEJM-AI, DOI: 10.1056/AIp2401122)

5. **Tsuei SHT, Yip WCM (2025)**. How hospitals' goal setting, feedback, and process standardization capacity impact provider payment reforms. (*Social Science and Medicine*, DOI: 10.1016/j.socscimed.2025.117831)
6. **Tsuei SHT (2025)**. How are Canadians regulating artificial intelligence? A brief analysis of current legal direction, challenges, and deficiencies. (*Healthcare Papers*, DOI: 10.12927/hcpap.2025.27571)
7. **Tsuei SHT (2024)**. Reflection on 30 Years of Taiwanese National Health Insurance (*Journal of Formosan Medical Association*, DOI: 10.1016/j.jfma.2024.07.030)
8. **Tsuei SHT, Kerrissey MJ, Bauhoff S (2024)**. How personnel diversity, mutual support, and group pride affect health care organizations' response to payment reform. (*International Journal for Quality in Health Care*, DOI: 10.1093/intqhc/mzae050)
9. **Tsuei SHT, Yip WCM (2024)**. How hospitals' autonomy affects provider payment reforms. (*International Health Planning and Management*, DOI: 10.1002/hpm.3806)
10. **Tsuei SHT, Pokharel B (2023)**. "Artificial intelligence in health care: An opportunity for health system analysis and normative discussion" (*UBCMJ* 15(1): 6-8)
11. **Tsuei SHT, Alcusky M, Florio C, Kerrissey MJ (2023)**. Trade-offs in locational choices for care coordination resources in Accountable Care Organizations. (*Health Care Management Review*, DOI: 10.1097/HMR.0000000000000378)
12. Fang Y, Ma T, Wu M, **Tsuei SHT (2023)**. Mitigating donor interests in the case of COVID-19 vaccine: the implication of COVAX and DAC membership. (*BMJ Global Health* 8(1): e010188).
13. **Tsuei SHT (2020)**. "How Previous Epidemics Enable Timelier COVID-19 Responses: An Empirical Study Using Organizational Memory Theory". (*BMJ Global Health* 5(9):e003228. doi:10.1136/bmjgh-2020-003228)
14. **Tsuei SHT, Lee D, Ho C, Regehr G, Nimmon L (2019)**. "Exploring the construct of psychological safety in medical education". (*Academic Medicine* 94(11):S28-S35)
15. **Tsuei SHT (2017)**. "Machine doctor: The threat to established medicine from machine learning". (*UBCMJ* 9(1):25-26)
16. **Tsuei SHT, Clair V, Mutiso V, Musau A, Tele A, Frank E, Ndeti D (2017)**. "Factors influencing Kenyan health professionals' and lay health workers' self-efficacy in screening, brief interventions, identification and treatment of complication and co-morbidities for alcohol, tobacco and other substance use disorders" (*International Journal of Mental Health and Addiction* 15(4): 766-781)
17. **Tsuei SHT, Frank E (2015)**. "How and why you could become an advocate for health: An interview with Erica Frank, MD, MPH, UBC Professor and Canada Research Chair in Preventive Medicine and Population Health." (*UBCMJ* 6(2):28-30)
18. **Tsuei SHT, Yassi A, Spiegel J (2015)**. "Critical reflection on a summer global health research internship: the need for education on global development paradigms in medical schools." (*Medical Teacher* 37(2):196-198)

CO-AUTHORED PEER REVIEWED JOURNAL ARTICLES

1. Ashe M, Chudyk AM, Lin M, Iverson T, Nijjar GS, Mortenson WB, Pauly T, Petrella R, Rush KL, Symes B, **Tsuei SHT, Mulligan K (2026)**. Identifying social prescribing core outcomes using a Delphi approach: findings and future directions (*Health Promot Chronic Dis Prev Can*, 46(1):11-22. DOI: 10.24095/hpcdp.46.1.02.)
2. Li C, **Tsuei SHT, Wu H (2026)**. Multidimensional Constructs of AI Literacy Among Medical Students in China: Examining Individual Differences and Environmental Influences (*JMIR—Medical Education* 12:e80604. DOI:10.2196/80604)
3. Chen T, Zhu J, **Tsuei S, Jiang Y, Zheng Y, Xu D, Fu H (2025)**. Health and Economic Impacts of Increased Taxation on Tobacco, Alcohol and Sugar-Sweetened Beverages in China: A Modelling Study (*Lancet Public Health*, 10(12): E1025-E1035)

4. Haakenstad A, Kalita A, Bose B, Chakraborty A, Gupta K, **Tsuei SHT**, Woskie L, Yip W (2025). The role of public pharmacy bypassing and private retail pharmacies in financial hardship: An analysis of linked patients, facilities and pharmacies in the state of Odisha, India (BMJ Global Health, DOI: 10.1136/bmjgh-2024-017788)
5. Terry A, Thompson K, **Tsuei SHT**, Lizotte DJ (2025). Step-wise considerations in using artificial intelligence tools for administrative tasks in primary care (Canadian Family Physician, 71(6):e90 – e93, DOI: 10.46747/cfp.7106e90)
6. Chen T, Sun X, **Tsuei SHT**, Yip W, Fu H (2025). Care for end-stage kidney disease in China: progress, challenges, and recommendations. (Lancet Regional Health – Western Pacific, DOI: 10.1016/j.lanwpc.2024.101268)
7. Fu H, **Tsuei SHT**, Zheng Y, Chen S, Zhu S, Xu D, Yip W (2024). Effects of comprehensive smoke-free legislation on smoking behaviors and its macroeconomic benefits: a difference-in-differences analysis and modelling study in China. (Lancet Public Health, DOI: 10.1016/S2468-2667(24)00262-7)
8. Kueper J, Emu M, Banbury M, Bjerre L, Choudhury S, Green M, Pimlott N, Slade S, **Tsuei SHT**, Sisler J (2024). Artificial Intelligence for Family Medicine Research in Canada: Current State and Future Directions. (Canadian Family Physician 70(3): 161-168).
9. Xu D, Huang Y, **Tsuei SHT**, Fu H, Yip W (2023). Factors influencing engagement in online dual practice by public hospital doctors in three large cities: a mixed-methods study in China (Journal of Global Health, DOI: 10.7189/jogh.13.04103)
10. Huang Y, Xu D, **Tsuei SHT**, Fu H, Yip W (2023). Understanding impacts of online dual practice by public hospital doctors: a qualitative study in China. (Health System and Reform 9(1), DOI: 10.1080/23288604.2023.2215552)
11. Esfandiari E, Chudyk AM, Grover S, Lau E, Hoppmann C, Mortenson WB, Mulligan K, Newton C, Pauly T, Pitman B, Rush KL, Sakakibara BM, Symes B, **Tsuei S**, Petrella RJ, Ashe MC (2023). Social Prescribing Outcomes for Trials (SPOT): Protocol for a Modified Delphi Study on Core Outcomes for Social Prescribing. (PLOS One. 18(5):e0285182)
12. Chen Y, Tang Z, Tang S, Shen Z, Zhu Q, Li R, Huang W, Huang Y, Liang F, Wang L, Chen H, Ruan Y, Shao Y, **Tsuei SHT**, Lan G (2018). “Decreasing HIV, syphilis, and hepatitis C infection after a decade of harm reduction implementation among drug users in southwestern rural areas of China.” (Journal of Studies on Alcohol and Drugs 79(2):248-257).
13. Golby R, **Tsuei SHT**, Zacharias A (2015). “An Introduction to Health Professionals’ Role in Addressing Human Trafficking”. (UBCMJ 6(2):8-10)
14. Wang J, Liu H, **Tsuei SHT**, Yu T, Fu Q (2011). “Identification of two novel BCKDHA mutations in a Chinese patient with maple syrup urine disease.” (Journal of Pediatric Endocrinology and Metabolism, DOI: 10.1515/JPEM.2011.278)
15. Yu YG, Wang J, Huang X, Wang Y, Yang P, Li J, **Tsuei SHT**, Shen Y, Li J, Fu Q (2011). “Molecular Characterization of 25 Chinese pedigrees with 21-Hydroxy- lase deficiency.” (Genetic Testing and Molecular Biomarkers 15(3):137-142)
16. Wang Y, Yu Y, Wang J, **Tsuei SHT**, Li B, Fu Q (2010). “A novel Jagged1(JAG1) mutation in patients with Alagille Syndrome.” (Pathology 42(5):496-498)

WORKING PROJECTS

Books

1. **Tsuei SHT**. Medical AI: Promises and Perils at a Critical Moment (Copyediting completed, undergoing cover and interior design, soliciting endorsement, expecting submission for printing in Mar 2026)

Journal articles (First- or last-authored listed first)

1. **Tsuei SHT**, Law M, McGrail K, Stucchi A, Hedden L. How do doctors respond to information deficiency in telemedicine? A propensity-score matched cohort study (Preparing manuscript for Canadian Medical Association Journal)
2. Pokharel B, Hsu M, Hedden L, Nimmon L, Bloom D, **Tsuei SHT**. How Do Medical Doctors Perceive Large Language Models: A Qualitative Research Protocol Leveraging the Technology Adoption Behaviour Framework (Preparing revision for PLOS One)
3. Lee DG, Wang E, Tran DH, **Tsuei SHT**. Artificial Intelligence in Skin Cancer Detection in Primary Care Physicians (PCPs): A Scoping Review and Recent Developments (Under review at Canadian Family Physician)
4. Quon S, Chen R, Hedden L, Ellis U, Bloom D, **Tsuei SHT**. What Is The State of Canadian Primary Care AI Guidelines? A Scoping Review (Preparing manuscript for Canadian Medical Association Journal)
5. Bae G, Pokharel B, Hsu M, Hedden L, Nimmon L, Bloom D, **Tsuei SHT**. How Do Family Doctors Perceive Their Roles in the AI Era: A Qualitative Study (Preparing manuscript for Canadian Medical Association Journal)
6. Rogers M, Cheng L, Hedden L, McGrail K, **Tsuei S**, Stucchi A, Law MR. The Impact of Virtual Care on Antibiotic Prescribing Practices for Urinary Tract Infections (UTIs): Propensity-Score Matched Cohort Study (Under review at BMC Digital Health, DOI: 10.21203/rs.3.rs-8041551/v1)
7. Habibi N, McMahan K, **Tsuei SHT**, Kueper J. How Are Patients Using AI Tools? A Scoping Review (Preparing manuscript for Journal of American Medical Association)
8. Teng M, **Tsuei SHT**, Koblanski M, Celi LA. Cultivating Adaptive Expertise in Critical Care: Reimagining Intensive Care Unit (ICU) Education in the Era of Artificial Intelligence. (Preparing revision for Critical Care Science)

PEER REVIEWED BLOGS AND MAGAZINE ARTICLES

- Tsuei SHT**. “Thank you.” (CMAJ Blog, 2020) <http://cmajblogs.com/thank-you/>
- Tsuei SHT**. “Main street man.” (In-training (2014) <http://n-training.org/main-street-man-687>)
- Tsuei SHT**, Tsai APY. “Examining altruism in medical student’s volunteer work again: a reply to ‘volunteering in medical school: a waste of time?’” (In-training (2014) <http://in-training.org/examining-altruism-medical-student-volunteer-work-reply-phams-article-4293>)

NON-PEER-REVIEWED ARTICLES

- Tsuei SHT**, Yip W. The Health System of Canada (Teaching case for Harvard University’s GHP 202 Comparative Health Systems Course, 2022)
- Tsuei SHT**, Yip W. The Health System of Australia (Teaching case for Harvard University’s GHP 202 Comparative Health Systems Course, 2022)
- Tsuei SHT**, Yip W. The Health System of Germany (Teaching case for Harvard University’s GHP 202 Comparative Health Systems Course, 2022)
- Tsuei SHT**, Yip W. The Health System of Netherlands (Teaching case for Harvard University’s GHP 202 Comparative Health Systems Course, 2022)
- Tsuei SHT**, Yip W. The Health System of Singapore (Teaching case for Harvard University’s GHP 202 Comparative Health Systems Course, 2022)
- Tsuei SHT**, Yip W. The Health System of Australia (Teaching case for Harvard University’s GHP 202 Comparative Health Systems Course, 2022)
- Tsuei SHT**, Yip W. The Health System of Switzerland (Teaching case for Harvard University’s GHP 202 Comparative Health Systems Course, 2022)

Tsuei SHT, Yip W. The Health System of United Kingdom (Teaching case for Harvard University's GHP 202 Comparative Health Systems Course, 2022)

Tsuei SHT, Yip W. The Health System of United States of America (Teaching case for Harvard University's GHP 202 Comparative Health Systems Course, 2022)

POLICY BRIEFS

Tsuei SHT, Bjerre L (2023). Considerations for Artificial Intelligence and Data Act's Regulatory Approaches: A Brief Submitted to the Standing Committee on Industry and Technology

CONFERENCE PRESENTATIONS

Panel speaker for "Justice-Centered AI." **AI as a Catalyst: Reimagining Medical Education and Workforce Development**, Massachusetts Institute of Technology, Boston, January 2026.

Panel speaker for "Hope, Hype, or Reality: What AI Means for Health Education, Research, and Patient Care." **AI & the Future of Medicine: Bridging AI Innovation and Health Equity**, Data Science and Health, Vancouver, November 2025.

Pokharel BB, Hsu M, Hedden L, Nimmon L, Bloom DE, **Tsuei SHT**. "Understanding Primary Care Physicians' Perceptions of Large Language Model Adoption in Clinical Practice." Canadian Association for Health Services and Policy Research, Ottawa, May 2025.

Tsuei SHT. "How should Taiwanese health system consider reforming its finances, service, and governance?" Taiwan Medical Association Conference, Taipei, November 2024.

Tsuei SHT. "How can human physicians survive the development of artificial intelligence? Exploring the foundational competitive advantages of human physicians." CHSPR Conference, Vancouver, March 2024.

Tsuei SHT, Yip W. "Management's effect on health care organizations' policy adaptation", Family Medicine Forum, Toronto, November 2022.

Tsuei SHT, Kerrisey M, Bauhoff S. "How personnel diversity, mutual support, and pride affect health care organizations' response to performance-based financing", CHSPR Conference, Vancouver, March 2023.

Tsuei SHT, Yip W. "How hospitals' goal setting, feedback, and process standardization capacity impact provider payment reforms", CHSPR Conference, Vancouver, March 2023.

Tsuei SHT. "Exploring the Construct of Psychological Safety in Medical Education", Learn Serve Lead 2019: The AAMC Annual Meeting, Phoenix, November 2019.

Tsuei SHT, Lee D, Ho C, Regehr G, Nimmon L. "Exploring the Meaning and Implications of Emotional Safety in Medical Education Using a Peer Mentoring Initiative." The Canadian Conference on Medical Education, Niagara Falls, April 2019.

Tsuei SHT, Lee D, Nimmon L. "Exploring the Meaning and Implications of Emotional Safety in Medical Education Using a Peer Mentoring Initiative." Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, October 2017.

Tsuei SHT, Mestrum F. "What would a 'healthy' trade agreement look like?" World Social Forum, Montreal, August 2016.

Dickson G, Dath D, Blumenthal D, Adolphe J, Van Aerde J, **Tsuei SHT**, Pickard J, Koff D, Loh L. "Develop coalitions – Applying teamwork to develop patient-centred coalitions." Toronto International Summit on Leadership Education for Physicians, Niagara Falls, September 2016.

- Tsuei SHT**, Spiegel JM. “Does universal health coverage work? What are we learning from the case of Taiwan?” 4th Global Symposium on Health Systems Research, Vancouver, November 2016.
- Wang WL, **Tsuei SHT**, Hsu WL, Hu YJ. “Investigating factors influencing electronic health literacy among the elderly in local communities.” 24th International Conference on Health Promoting Hospitals and Health Services, Yale University, USA, June 2016.
- Tsuei SHT**, Yu A, Tsai APY, Woo L, Dharamsi S. “Creating Space in Medical Education for Student-Driven Health Advocacy Projects Using a Participatory Curricular Development Framework.” Canadian Conference on Medical Education, Québec City, 2013.
- Tsuei SHT**. “Global Health Politics: Who Is Right?” Global Health Conference of Universities Allied for Essential Medicines, University of British Columbia, 2013.
- Tsuei SHT**, Sen A. “Working Paper: Dissociation of Subjective and Objective Health Status in the Chinese Population,” Medicine Undergraduate Research Forum, UBC, 2012.
- Tsuei SHT**. “Biochemical Research of Bioethanol,” Taiwan Tech Trek 2007 Academic Conference, Taipei, Taiwan, 2007.

INVITED PRESENTATIONS

Artificial Intelligence

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| 1. Key Considerations Around AI Scribe (Keynote, TechRx Fair, Surrey) | Jan 2026 |
| 2. What do Doctors Need to Know about AI in Medical Services: Round 2 (Vancouver Coastal Health Family Practice Rounds) | Nov 2025 |
| 3. What Clinicians Need to Know About AI: Surgeons’ Edition (University of British Columbia Department of General Surgery Rounds) | Oct 2025 |
| 4. AI in Global Health: Ethical and Economic Implications (GHP 272, Harvard University) | Oct 2025 |
| 5. AI in Global Health (University of British Columbia GLBH 505) | Sep 2025 |
| 6. AI in Global Health Care (University of British Columbia Vancouver Summer Program) | Jul 2025 |
| 7. The AI Revolution in Health Care: Promises and Pitfalls (Opening Keynote, OSCARCON 2025) | Jun 2025 |
| 8. What Clinicians Need to Know about Artificial Intelligence (VCH Family Practice Rounds) | May 2025 |
| 9. Use and Implications of Artificial Intelligence for Health Care (HSCI 827, Simon Fraser University) | Mar 2025 |
| 10. Considerations and preliminary evidence around using AI scribes (60 th Annual Family Practice Review) | Mar 2025 |
| 11. Universal Health Coverage and Primary Health Care (SPPH 523, University of British Columbia) | Feb 2025 |
| 12. AI and Clinical Research: Practical and Ethical Implications, (Clinical Research Professionals of BC / Data Science and Health) | Feb 2025 |
| 13. Frontiers of artificial intelligence: Uses and implications for health care (Vancouver General Hospital / UBC Hospital Hospitalist Rounds) | Jan 2025 |
| 14. How Should Medical Education Adjust as Artificial Intelligence Technology Advances? (UBC Centre for Health Education Scholarship: What I am Thinking About Rounds) | Dec 2024 |
| 15. Considering Artificial Intelligence Uses in Health Care Services (Northwest Patient Safety Conference) | Oct 2024 |
| 16. Considering Artificial Intelligence in Health Care Services (Health Knowledge Exchange, BC Ministry of Health) | Sep 2024 |

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| 17. Considering Artificial Intelligence in Health Care Services (Northwest Territories Health and Social Services Authority Rounds) | Sep 2024 |
| 18. Considering Artificial Intelligence in Health Care Services (OSCAR BC) | Sep 2024 |
| 19. Considering Artificial Intelligence in Health Care Services (New Westminster Family Practice) | May 2024 |
| 20. Artificial Intelligence and Healthcare Services: Exploring Policy Challenges (School of Public Policy and Global Affairs and Centre for the Study of Democratic Institutions, University of British Columbia) | Mar 2024 |
| 21. Introduction to Artificial Intelligence in Health Care Services (University of British Columbia) | Mar 2024 |
| 22. Comparative Health Systems and Artificial Intelligence (HSCI 827 Simon Fraser University) | Mar 2024 |
| 23. Introduction to Artificial Intelligence Uses in Health Care Services (University of British Columbia Centre for Health Services and Policy Research Seminar) | Feb 2024 |
| 24. Artificial Intelligence and Global Health (Data for Decisions) | Nov 2023 |
| 25. Artificial Intelligence and Global Health (GHP 272 Harvard University) | Nov 2023 |

Health System

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| 1. Considerations for the reform and development of Taiwan's health care system in terms of financing, service delivery, and governance (2024 Annual Formosan Medical Association Meeting) | Nov 2024 |
| 2. Universal Health Coverage and Primary Health Care (SPPH 523, University of British Columbia) | Feb 2024 |
| 3. Health System Policy Development (University of British Columbia) | Aug 2023 |
| 4. Population Health Assessment (University of British Columbia) | Aug 2023 |
| 5. Health System Revolutions: Lessons from Organizational Perspective in Payment Reforms and Future Research Directions (National Taiwan University) | Jun 2023 |
| 6. Health System and Universal Health Coverage (University of British Columbia) | Feb 2023 |
| 7. Kenyan Provider Self-Efficacy and Substance Use Disorder Intervention. (University of British Columbia) | Jan 2019 |
| 8. Factors that Impact Perception of Labour Experiences and How They Affect Post-Partum Psychological Well-Being Psychological Well-Being (University of British Columbia) | Jun 2018 |
| 9. Factors Influencing Health Workers' Self-efficacy for Substance Use Disorders in Kenya (University of British Columbia) | Nov 2017 |
| 10. Social Innovation 101: How to impact community health as students and future physicians (University of British Columbia) | Sep 2017 |

Medical Education

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| 1. Psychological Safety in Medical Education (Centre for Health Education Scholarship Academic Half Day) | Feb 2024 |
| 2. Psychological Safety in Medical Education (University of Victoria) | Apr 2021 |
| 3. Virtual Water Cooler Discussion: Health Professions Education in the Face of COVID-19 (University of British Columbia) | May 2020 |

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| 4. Exploring the Construct of Psychological Safety in Medical Education (University of British Columbia) | Nov 2019 |
| 5. Exploring the Meaning and Implications of Emotional Safety in Medical Education Using a Peer Mentoring Initiative (University of British Columbia) | Jun 2018 |

REPORTS

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| CFPC Statement on Artificial Intelligence for Family Medicine Research and Development | 2024 |
| Considerations for Artificial Intelligence and Data Act's Regulatory Approaches: A Brief Submitted to the Standing Committee on Industry and Technology | 2023 |
| Response to the Ministry of Health policy papers. Resident Doctors of British Columbia Community Health Initiative by University Students (CHIUS) Needs Assessment: Preliminary Report. CHIUS | 2016
2012 |

GRANTS

Preparing or under review

1. CIHR Project Grant: "Charting the artificial intelligence frontier among Canadian family physicians: a multi-jurisdictional, multi-method study" (Preparing for resubmission, nominated principal applicant)
2. National Natural Science Foundation of China: "Safeguarding Clinical Reasoning skills in the GenAI era: Evaluating DEFT-AI Framework for Medical Education based on Longitudinal RCT and Multimodal Data Analysis" (Preparing for submission, co-investigator)
3. CFPC MIGS Project Funding Support: "Future-proofing residency: identifying which physician tasks patients prefer from humans, AI, or hybrid models of care" (Under review, principal applicant)
4. CFPC MIGS Project Funding Support: "Scoping review on guidelines for Canadian family physicians' use of AI" (Under review, principal Applicant)
5. CFPC MIGS Project Funding Support: "Scoping review on using AI to triage surgical cases" (Under review, principal applicant)
6. CFPC MIGS Project Funding Support: "Exploring family physicians' perception of LLMs" (Under review, principal applicant)
7. RDocsBC Resident Innovation Fund: "Future-proofing medical & residency education: Which physician tasks should medical education focus on as AI evolves?" (Under review, principal applicant)

Awarded

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| 1. UBC PhD Collab Program: "Can Artificial Intelligence Be a Meaningful Member of the Team? Integrating AI into Team-Based Primary Care through Interdisciplinary Collaboration" (Co-Investigator, \$86,000) | 2025 |
| 2. Harvard School of Public Health: "Rose Service-Learning Fellowship" (Principal Applicant, \$4,000) | 2019 |
| 3. University of British Columbia: "Medical Students against Trafficking" | 2014 |
| 4. BC Medical Association Support and Funding: "Global Health Initiative: Inner City" (Principal Applicant) | 2013 |
| 5. Social Accountability and Community Engagement Grant: "Medical Students against Trafficking" (Principal Applicant) | 2012 |
| 6. Social Accountability and Community Engagement Grant: "Global Health Initiative: Inner City" (Principal Applicant) | 2012 |

Rejected

1. UBC AI and Health network Fellows Program: LLMs for Health BC: Province-wide Education, Training and Upskilling (Co-Investigator) 2025
2. UBC AI and Health Network Fellows Program: “Integrating AI into Team-based Primary Care through Interdisciplinary Collaboration” (Co-Investigator) 2025

ACADEMIC SERVICE

Organizer, CHSPR Student Seminar	2023 – Present
Member, Artificial Intelligence Advisory Group, College of Family Physicians of Canada	2022 – Present
Member, College of Family Physicians of Canada: Section of Researchers Council	2020 – Present
Participant, The Human Rights of Mental Health AI: A Cross-Disciplinary Workshop	Feb 2023
Member, College of Family Physicians of Canada’s Honours and Awards Research Committee	2023 – 2025
Member, Harvard T.H. Chan School of Public Health, Department of Global Health and Populations: “Equity, Diversity, Inclusion, and Belonging Committee”	2021 – 2023
Member, Scientific Planning Committee, College of Family Physicians of Canada’s Roundtable on AI for Family Medicine	2021 – 2022
Member, Canadian Coalition for Public Health in the 21st Century	2018 – 2019

CLINICAL SERVICE

Metrotown Urgent and Primary Care Centre	2023 – Present
Northwest Territories Health and Social Services Authority	2022 – Present
Yaletown Medical Clinic	2022
CloudMD	2020 – 2021
Coast Medical Clinic	2019 - 2021
Ultima Medical Clinic	2019

VISITING SCHOLAR

National Taiwan University	Jul – Aug 2017
University of Oxford	Apr – Jun 2016
Shanghai Children Medical Center	Jun – Aug 2009
University of Notre Dame	Jan – Aug 2008

SELECTED LEADERSHIP EXPERIENCE

Co-founder, President, and VP-Resident, Peer Mentorship in Medical Education	2015 – 2020
Co-lead for Community Health Initiative by University Students Needs Assessment Research Team	2011 – 2015
Co-chair and co-founder for Medical Students against Trafficking	2012 – 2015
Leader of Mental Wellness Group, Peer Health Educator Health Services, University of Waterloo	2007 – 2011

TEACHING AND ADVISING EXPERIENCE

- **Instructor**, SPPH 481D Global Health Policy and Systems, 4.8 / 5.0 for overall quality of instructor’s teaching (Fall, 2023)

- **Teaching fellow**, Comparative Health Systems I, Comparative Health Systems II, and Foundations of Global Health, averaged 4.5 / 5.0 for teaching effectiveness (Spring 2021 and 2022)
- **Thesis Advisor**, University of British Columbia, Master’s of Health Administration (2021, 2024)
- **Instructor**, Peer Mentorship in Medical Education (2015 – 2019), Students Offering Support (2011)
- **Supervisor**, Flexible and Enhanced Learning Activity and Foundations of Scholarship of Medicine, University of British Columbia (Spring 2015, Spring 2016, Fall 2019, Fall 2022, Fall 2023, Summer 2025)
- **Tutor**, *Case-Based Learning* (Fall 2016) and *Vancouver Summer Program in Public Health* (Summer 2015), Faculty of Medicine, University of British Columbia

STUDENTS SUPERVISED AND MENTORED

Name (enrolled program during supervision)

Principal Supervisor

Sukhpreet Gill (MHA)

June 2023 – July 2024

Shahrzad Daliran (MHA)

April – August 2021

Project-based Principal Supervisor

Miini Teng (Public Health & Preventive Medicine incl.
Family Medicine Residency)

2025 July – Present

Grant Bae (MD)

2025 July – Present

Rianne Chen (MD)

2025 June – Present

Stephanie Quon (MD)

2025 June – Present

Monica Hsu (MD)

2022 October – Present

Benny Pokharel (MD)

2022 October – Present

Cypress Knudson (MD)

2024 January – Present

Jason Lee (Family Medicine Residency)

2024 September – Present

Nick Habibi (MD)

2024 September – Present

Kathleen McMahon (MD)

2024 September – Present

Kota Chen (MD)

2022 September – 2023 January

Alex Suleiman (MD)

2016 April – 2016 May

Committee member / co-supervisor

Samir Damji (PhD Committee)

2025 December – Present

HONOURS AND AWARDS

PERSONAL

Faculty of Medicine New Faculty Research Award

2025

Inductee to Sigma Xi, The Scientific Research Honor Society

2025

Certificate for University of Ottawa Fall Institute in AI and Health Law

2024

Michael Smith Health Research BC Research Trainee Award

2023

Canadian Institute of Health Research—Health System Impact Fellowship (Declined)

2023

Graduate School of Arts and Sciences Student Council Student Spotlight

2022

Nominee, New Investigator Award, Research in Medical Education, AAMC

2019

Rose Service-Learning Fellowship

2019

Presidential Scholarship, Harvard University

2018

Certification in the College of Family Physicians

2018

Peter Grantham Award for Resident Teaching	2017
Participation Scholarship, 4 th Global Symposium on Health Systems Research	2016
Summer Student Research Scholarship	2012
Dean’s Honour List, University of Waterloo	2006 – 2011
Ontario Graduate Scholarship (Declined)	2011
Outstanding Coop Work Report Award, University of Waterloo	2009
President’s Scholarship, University of Waterloo	2006

TRAINEE

Lloyd Jones Collins Award (Dr. Jason Lee)	2025
Summer Student Research Award (Cypress Knudson)	2025

SELECTED PROFESSIONAL AFFILIATIONS

College of Family Physicians of Canada; Centre for Health Education Scholarship, University of British Columbia; Canadian Medical Association

EDITORIAL BOARD

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American Public Health Association Conference, British Medical Journal Global Health, British Medical Journal Open, Canadian Family Physician, Canadian Medical Associations Journal, Canadian Medical Associations Journal Humanities Blog, Computers in Human Behavior: Artificial Humans, Harvard Public Health Review, Health Policy, Health Systems & Reform, International Journal for Quality in Health Care, Medical Education, Journal of Formosan Medical Association, Lancet Primary Care, Policy Studies, Social Science & Medicine—Health Policy, Social Science & Medicine—Medical Anthropology, University of British Columbia Medical Journal

MEDIA AND RELATED MENTIONS

1. Ireland, N. (2024, October 11). What patients should know about doctor visit summaries by AI. *CBC News*. <https://www.cbc.ca/news/health/health-ai-scribe-patient-tips-1.7350229>
2. Lazenby, A. (2024, September 24). *B.C. Election: NDP promises to connect more British Columbians to a family doctor by 2026*. Vancouver Sun. <https://vancouversun.com/news/bc-election-ndp-promises-to-connect-more-to-a-family-doctor-by-2026-but-is-that-achievable>
3. Chiu E., Lien K., Lee Y., Lu Y., Xie H., Chen S., & Chen P. (2025). *How many more years can the 30-year-old myth of health insurance take care of us? [30 Nián de jiànbǎo shénhuà, hái néng zài zhàogù wǒmen jǐ nián?]*. Common Health. <https://web.commonhealth.com.tw/NHI30/index.html>

EDUCATIONAL CONTENT CONTRIBUTION

“Natural Language Processing to Improve Patient Care.” University of British Columbia Data Science Institute and Extended Learning, Scientific Planning Committee Member	2025
“Artificial Intelligence & Occupational Therapy.” University of British Columbia Department of Occupational Science & Occupational Therapy.	2025