

Sian Hsiang-Te Tsuei

(857) 472-4582, stsuei@g.harvard.edu

Department of Global Health and Populations
Harvard T H Chan School of Public Health,
Boston, MA, USA 02115

ACADEMIC APPOINTMENTS

Clinical Instructor, Department of Family Practice, University of British Columbia 2019 – Present

EDUCATION

Harvard T H Chan School of Public Health Expected May 2023

PhD, Population Health Sciences, health systems specialization

Dissertation: “How do management, autonomy, personnel diversity, and group cohesion affect health care organizations’ response to payment reforms?”

University of British Columbia

Certification in the College of Family Physicians Jun 2018

MD May 2015

Master’s of Health Sciences Aug 2015

University of Waterloo

Bachelor of Sciences May 2011

Bachelor of Independent Studies Aug 2011

RESEARCH AND TEACHING INTERESTS

Health system change

Organizational behaviour

Econometrics

Comparative health system analysis

Ethical work environment

PEER REVIEWED JOURNAL ARTICLES

Fang Y, Ma T, Wu M, **Tsuei SHT**. Mitigating donor interests in the case of COVID-19 vaccine: the implication of COVAX and DAC membership. (Accepted. *BMJ Global Health*)

Tsuei SHT. “How Previous Epidemics Enable Timelier COVID-19 Responses: An Empirical Study Using Organizational Memory Theory”. (*BMJ Global Health* 5:e003228. doi:10.1136/bmjgh-2020-003228).

Tsuei SHT, Lee D, Ho C, Regehr G, Nimmon L. “Exploring the Construct of Psychological Safety in Medical Education”. (*Academic Medicine* vol. 94, No. 11 (2019):S28-S35).

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. “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* vol. 79, No. 2 (2018):248-257).

Tsuei SHT. “Machine Doctor: The Threat to Established Medicine from Machine Learning”. (*UBCMJ* vol. 9, No. 1 (2017):25-26).

- Tsuei SHT**, Clair V, Mutiso V, Musau A, Tele A, Frank E, Ndetei D. “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 vol. 15, No. 4 (2017): 766-781).
- Tsuei SHT**, Frank E. “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 vol. 6, No. 2 (2015): 28-30).
- Golby R, **Tsuei SHT**, Zacharias A. “An Introduction to Health Professionals’ Role in Addressing Human Trafficking”. (UBCMJ vol. 6, No. 2 (2015): 8-10).
- Tsuei SHT**, Yassi A, Spiegel J. “Critical reflection on a summer global health research internship: the need for education on global development paradigms in medical schools.” (Medical Teacher vol. 37, No. 2 (2015): 196-198).
- Wang J, Liu H, **Tsuei SHT**, Yu T, Fu Q. “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).
- Yu YG, Wang J, Huang X, Wang Y, Yang P, Li J, **Tsuei SHT**, Shen Y, Li J, Fu Q. “Molecular Characterization of 25 Chinese pedigrees with 21-Hydroxy- lase deficiency.” (Genetic Testing and Molecular Biomarkers vol. 15, No. 3(2011): 137-142).
- Wang Y, Yu Y, Wang J, **Tsuei SHT**, Li B, Fu Q. “A novel Jagged1(JAG1) mutation in patients with Alagille Syndrome.” (Pathology vol. 42, No. 5 (2010): 496-498).

WORKING PAPERS

- Tsuei SHT**, Kerrissey MJ, Bauhoff S. How personnel diversity, mutual support, and group pride affect health care organizations’ response to payment reform. (Preparing for submission in spring 2023)
- Tsuei SHT**, Yip WCM. How hospitals’ goal setting, feedback, and process standardization capacity impact provider payment reforms. (Preparing for submission in spring 2023)
- Tsuei SHT**, Yip WCM. How hospitals’ autonomy affect provider payment reforms. (Preparing for submission in spring 2023)
- Tsuei SHT**, Alcusky M, Florio C, Kerrissey MJ. Trade-offs in locational choices for care coordination resources in Accountable Care Organizations. (Under review for Health Care Management Review)
- Huang Y, Xu D, **Tsuei SHT**, Fu H, Yip W. Understanding impacts of online dual practice by public hospital doctors: a qualitative study in China. (Submitted to Globalization and Health)
- Kueper J, Emu M, Banbury M, Bjerre L, Choudhury S, Green M, Pimlott N, Slade S, **Tsuei SHT**, Sisler J. Artificial Intelligence for Family Medicine Research in Canada: Current State and Future Directions. (Preparing for submission in spring 2022)

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>)

CONFERENCE PRESENTATIONS

- Tsuei S.** “Exploring the Construct of Psychological Safety in Medical Education”, AAMC, Phoenix, November 2019.
- Tsuei S**, Lee D, Ho C, Regehr G, Nimmon L. “Exploring the Meaning and Implications of Emotional Safety in Medical Education Using a Peer Mentoring Initiative.” CCME, Niagara Falls, April 2019.
- Tsuei S**, Lee D, Nimmon L. “Exploring the Meaning and Implications of Emotional Safety in Medical Education Using a Peer Mentoring Initiative.” CHES Celebration of Scholarship, Vancouver, October, 2017.
- Tsuei S**, Mestrum F. “What would a ‘healthy’ trade agreement look like?” World Social Forum, Montreal, 2016.
- Dickson G, Dath D, Blumenfeld D, Adolphe J, Van Aerde J, **Tsuei S**, Pickard J, Koff D, Loh L. “Develop coalitions – Applying teamwork to develop patient-centred coalitions.” Toronto International Summit on Leadership Education for Physicians, 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, 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, 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, 2013.
- Tsuei SHT.** “Global Health Politics: Who Is Right?” Global Health Conference of Universities Allied for Essential Medicines, UBC, 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

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| Psychological Safety in Medical Education. University of Victoria. | Apr 2021 |
| Virtual Water Cooler Discussion: Health Professions Education in the Face of COVID-19. University of British Columbia. | May 2020 |
| Exploring the Construct of Psychological Safety in Medical Education. University of British Columbia. | Nov 2019 |

Kenyan Provider Self-Efficacy and Substance Use Disorder Intervention. University of British Columbia.	Jan 2019
Exploring the Meaning and Implications of Emotional Safety in Medical Education Using a Peer Mentoring Initiative. University of British Columbia.	Jun 2018
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
Introduction to Taiwan’s National Health Insurance. University of British Columbia.	May 2018
Factors Influencing Health Workers’ Self-efficacy for Substance Use Disorders in Kenya. University of British Columbia.	Nov 2017
Social Innovation 101: How to impact community health as students and future physicians. University of British Columbia.	Sep 2017

OTHER SELECTED REPORTS

Response to the Ministry of Health policy papers. Resident Doctors of British Columbia	2016
Community Health Initiative by University Students (CHIUS) Needs Assessment: Preliminary Report. CHIUS	2012

GRANTS

Harvard School of Public Health: “Rose Service Learning Fellowship”	2019
University of British Columbia: “Medical Students against Trafficking”	2014
BC Medical Association Support and Funding: “Global Health Initiative: Inner City”	2013
Social Accountability and Community Engagement Grant: “Medical Students against Trafficking”	2012
Social Accountability and Community Engagement Grant: “Global Health Initiative: Inner City”	2012
Summer Student Research Scholarship: “Global forces and the rise of drug-resistant tuberculosis in South Africa”	2012

ACADEMIC SERVICE

College of Family Physicians of Canada’s Roundtable on AI for Family Medicine: “Scientific Planning Committee”	2021 – Present
Harvard T H Chan School of Public Health, Department of Global Health and Populations: “Equity, Diversity, Inclusion, and Belonging Committee”	2021 – Present
College of Family Physicians of Canada: “Section of Research Council	2020 – Present
Canadian Coalition for Public Health in the 21st Century	2018 – 2019

CLINICAL SERVICE

Frame Lake Community Health Clinic and Yellowknife Primary Care Centre, Northwest Territory	2022
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

- **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)
- **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)
- **Tutor**, *Case-Based Learning* (Fall 2016) and *Vancouver Summer Program in Public Health* (Summer 2015), Faculty of Medicine, University of British Columbia

HONOURS AND AWARDS

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
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

SELECTED PROFESSIONAL AFFILIATIONS

College of Family Physicians of Canada; Evidence for Policy Design, Center for International Development, Harvard Kennedy School; Centre for Health Education Scholarship, University of British Columbia; Canadian Medical Association

PEER REVIEWER

British Medical Journal Global Health, Health Systems & Reform, Social Science & Medicine, Medical Education, Harvard Public Health Review, Canadian Medical Associations Journal, University of British Columbia Medical Journal, American Public Health Association Conference, Canadian Medical Associations Journal Humanities Blog

REFERENCES

Winnie Yip

Professor of the Practice of Global Health Policy and Economics

Department of Global Health and Populations
Harvard T H Chan School of Public Health
665 Huntington Street
Boston, MA 02115
wyip@hsph.harvard.edu
(617) 432-6322

(Dissertation committee chair, teaching)

Michaela Kerrissey

Assistant Professor of Management

Department of Health Policy and Management
Harvard T H Chan School of Public Health
Boston, MA 02115

Sebastian Bauhoff

Assistant Professor of Global Health and Economics

Department of Global Health and Populations
Harvard T H Chan School of Public Health
665 Huntington Street
Boston, MA 02115
sbauhoff@hsph.harvard.edu
(617) 432-1237

(Dissertation committee member)

On leave at Inter-American Development Bank

David Bloom

Clarence James Gamble Professor of Economics and Demography

Department of Global Health and Populations
Harvard T H Chan School of Public Health
Boston, MA 02115

mkerrissey@hsph.harvard.edu
(617) 432-4520

(Dissertation committee member)

Aisha Yousafzai

Associate Professor of Global Health

Department of Global Health and Populations
Harvard T H Chan School of Public Health
Boston, MA 02115

ayousafzai@hsph.harvard.edu
(617) 432-1484

(Committee on Equity, Diversity, Inclusion,
and Belonging)

dbloom@hsph.harvard.edu
(617) 432-1168

(Teaching)