

Curriculum Vitae: Antony Chum, PhD (Updated in Nov 2022)

Grants and Research Awards

Canada Research Chair in Population Health Data Science (tier 2)	2022-2026	\$600,000 CAD
CIHR Project Grant: Evaluating the impact of recreational cannabis legalization on acute care outcomes (Nominated Principal Investigator: Antony Chum , Co-investigators: Patricia O'Campo, Hayley Hamilton, Sara Allin, Maritt Kirst, Tarra Penney, Kay Rittenbach, Frank MacMaster)	2020-2024	\$295,000 CAD
SSHRC Insight Development Grant: Understanding disparities in substance use related crisis across sexual orientations in Canada (Principal Investigator: Chum)	2020-2023	\$74,500 CAD
SSHRC Insight Grant: Investigating the social determinants of Lesbian, Gay, and Bisexual suicidality in Canada (Principal Investigator: Chum ; Co-investigator: O'Campo and Kennedy)	2020-2023	\$98,500 CAD
CIHR project grant: Suicide-Related Behaviours of Lesbians, Gay, and Bisexual individuals in Ontario: Investigating the Socio-Environmental Determinants of Risk and Care using Linked Longitudinal Population-Based Data (Nominated Principal Investigator: Chum ; Co-investigators: O'Campo, Vigod, Kennedy, Barker)	2019-2022	\$159,825 CAD
SSHRC Insight Grant: A longitudinal analysis of neighbourhood-level drivers of intimate partner violence disclosure (Principal Investigator: Metheny, Co-investigator: Chum and O'Campo)	2019-2022	\$72,864 CAD
Toronto COVID-19 Action Initiative: "Managing Coping Strategies and Avoiding Anxiety During the COVID-19 Pandemic: A Multilevel Analysis from Epidemiology to Psychology and Education" Project PI: Gerald Cupchik, Co-investigator: Chum	2020-2021	\$85,500 CAD
Mitacs: Globalink Research Student Internship (Principal Investigator: Chum)	2021-2022	\$15,000 CAD
UK Research Excellence Framework Output Fund: The impact of transport infrastructure redesign on reducing cycling accidents (matched funding from Transport for London. Principal Investigator: Chum)	2017-2019	£35,400 GBP
Post-doctoral level awards: Canadian Institutes of Health Research (CIHR) Post-doctoral Fellowship & National Institute for Health Research fellowship	2013-2017	\$240,000 CAD
Other postgraduate level scholarships (including Margaret E. Ross graduate scholarship for excellence in geographical research, Lupina Foundation Senior Doctoral fellowship, Roth Prize for Vulnerable Populations Research, SSHRC Joseph-Armand Bombardier CGS Doctoral Scholar)	2006-2012	\$208,000 CAD
Various other awards: 1) St Michael's Hospital Research Award: Best Postdoctoral Fellow, 2) Peter Gould Best Paper Award from the Association of American Geographers, 3) Best Research Paper - Canadian Association of Geographers Ontario	2010-2017	

Published Papers

Kim C, **Chum A**, Nielsen A, Allin S, Penney TL, Rittenbach K, et al. (2022) Associations between recreational cannabis legalization and cannabis-related emergency department visits by age, gender, and geographic status in Ontario, Canada: An interrupted time series study. *PLoS ONE* 17(10): e0268718. <https://doi.org/10.1371/journal.pone.0268718>

Kim, C, Teo, C, Nielsen, A, & **Chum, A.** (2022). Macro-level gender equality and women's depressive symptoms in South Korea: a longitudinal study. *Social Psychiatry and Psychiatric Epidemiology*.
<https://link.springer.com/article/10.1007/s00127-022-02335-6>

Kim, C, **Chum, A**, Nielsen, A, MacMaster, F, Rittenbach, K, Allin, S, O'Campo, P, Kirst, M, & Hamilton, H. (2022). Cannabis legalization and cannabis-related hospitalizations in Ontario, Canada. *Canadian Journal of Psychiatry*.
<https://journals.sagepub.com/doi/abs/10.1177/07067437221114785>

Kim, C, Teo, C, Nielsen, and **Chum A.** (2022). What are the mental health consequences of austerity measures in public housing? A quasi-experimental study. *Journal of Epidemiology and Community Health*.
<https://pubmed.ncbi.nlm.nih.gov/35705363/>

Kim, C, Nielsen, Teo, C, and **Chum A.** (2022). Social movement and mental health of Korean women sexual violence survivors, 2012-2019. *American Journal of Public Health*.
<https://ajph.aphapublications.org/doi/10.2105/AJPH.2022.306945>

Kim, C, Azra, K, Teo, C, Nielsen, A, Bellow, Z, Young, T, and **Chum A.** (2021). Do income security programs have a causal effect on suicide mortality? A protocol for a systematic review and meta-analysis. *BMJ Open*.
<https://doi.org/10.1136/bmjopen-2021-054677>

Chum, A, Kaur, S, Teo, C, Nielsen, A, Muntaner, C, & P. O'Campo. (2021) The impact of changes in job security on mental health across gender and family responsibility: evidence from the UK Household Longitudinal Study. *Social Psychiatry and Psychiatric Epidemiology*. <https://doi.org/10.1007/s00127-021-02187-6>

Teo, C, Kim, C, Nielsen, A, Young, T, O'Campo, P, and **Chum, A.** (2021). Did the UK COVID-19 lockdown modify the influence of neighbourhood disorder on psychological distress? Evidence from a prospective cohort study. *Frontiers in Psychiatry*. <https://doi.org/10.3389/fpsyt.2021.702807>

Teo, C, Metheny, N, & **Chum, A.** (2021). Family support modifies the effect of changes to same-sex marriage legislation on LGB mental health: evidence from a UK cohort study. *European Journal of Public Health*.
<https://doi.org/10.1093/eurpub/ckab139>

Chum A, Nielsen, A, Bellows, Z, Farrell, E, Durette, P, Banda, J, Cupchik, G. (2021) Changes in Public Response Associated With Various COVID-19 Restrictions in Ontario, Canada: Observational Inference Study Using Social Media Time Series Data. *Journal of Medical Internet Research*. <https://doi.org/10.2196/28716>

Chum, A, Nielsen, A, & Teo, C (2021). Sleep problems among sexual minorities: a longitudinal study on the influence of the family of origin and chosen family. *BMC Public Health*. <https://doi.org/10.1186/s12889-021-12308-0>

Chum, A, Teo, C, & Azra, K. (2021). Does the impact of neighbourhood cohesion on mental health differ by ethnicity: a UK longitudinal study. *Social Psychiatry and Psychiatric Epidemiology*. <https://doi.org/10.1007/s00127-021-02125-6>

Teo, C., & **Chum, A.** (2020). The effect of neighbourhood cohesion on mental health across sexual orientations: A longitudinal study. *Social Science & Medicine*, 113499. <https://doi.org/10.1016/j.socscimed.2020.113499>

Labetski, A and **Chum, A.** (2020) Built Environmental Correlates of Cycling Accidents Involving Fatalities and Serious Injuries in London, UK. *Frontiers in Sustainable Cities*. <https://doi.org/10.3389/frsc.2020.599635>

Chum, A., Wang, R., Nisenbaum, R., O'Campo, P., Stergiopoulos, V., Hwang, H. (2020) The effect of a housing intervention on selected cardiovascular risk factors among homeless adults with mental illness: 24-month follow-up of a randomized controlled trial. *Journal of the American Heart Association*, 9, <https://doi.org/10.1161/JAHA.119.016896>

Chum, A., Lachaud, J., Kaur, S., O'Campo, P., Fink, N. (2019). Challenges in conducting a population-based study investigating associations between neighbourhood social environment and individual mental health. *Sage Research Methods*. <https://dx.doi.org/10.4135/9781529740387>

Chum, A., O'Campo, P., Lachaud, J., Fink, N., Kirst, M., & Nisenbaum, R. (2019). Evaluating same-source bias in the association between neighbourhood characteristics and depression in a community sample from Toronto, Canada. *Social Psychiatry and Psychiatric Epidemiology*. <https://doi.org/10.1007/s00127-019-01718-6>

Gee, S., **Chum, A.,** & Lim, B. (2019). Moving Metaphors: Shifting responsibility and evidentiary boundaries in (de)commissioning Pre-Exposure Prophylaxis for HIV. *Qualitative Health Research*. <https://doi.org/10.1177%2F1049732319831040>

Chum A, Atkinson P, O'Campo P, (2019). Does time spent in the residential neighbourhood moderate the relationship between neighbourhood walkability and transport-related walking? a cross-sectional study from Toronto, Canada. *BMJ Open* 2019; 9: e023598. <http://dx.doi.org/10.1136/bmjopen-2018-023598>

Chum, A. and O'Campo, P. (2016). In Chapter 7: Designing healthier, more sustainable cities. In WHO and UN Habitat Joint Global report on urban health: equitable, healthier cities for sustainable development. Geneva-Kobe, World Health Organization (WHO). Available at <https://apps.who.int/iris/handle/10665/204715>

Chum, A., Skosireva, A., Tobon, J., & Hwang, S. (2016). Construct Validity of the SF-12v2 for the Homeless Population with Mental Illness: An Instrument to Measure Self-Reported Mental and Physical Health. *PloS one*, 11(3), e0148856. <https://doi.org/10.1371/journal.pone.0148856>

O'Campo, P., Stergiopoulos, V., Nir, P., Levy, M., Misir, V., **Chum, A.,** & Hwang, S. W. (2016). How did a Housing First intervention improve health and social outcomes among homeless adults with mental illness in Toronto? Two-year outcomes from a randomised trial. *BMJ open*, 6(9), e010581. <http://dx.doi.org/10.1136/bmjopen-2015-010581>

Chum, A. (2015). "The impact of gentrification on residential evictions." *Urban Geography*. 36(7): 1083-1098. <https://doi.org/10.1080/02723638.2015.1049480>

Chum, A, O'Campo, P, & Matheson, F. (2015). The impact of urban land uses on sleep duration and sleep problems. *The Canadian Geographer*. 59 (4): 404-418. <https://doi.org/10.1111/cag.12202>

Chum, A, & O'Campo, P. (2015). Cross-sectional associations between residential socio-environmental exposures and cardiovascular diseases. *BMC Public Health*. 14:438. <https://doi.org/10.1186/s12889-015-1788-0>

Chum, A. Farrell, E, Labetski, A, Vaivada, T, Bohnert, A, O'Campo P. (2015). The effect of food environments on fruit and vegetable intake as modified by time spent at home: a cross-sectional study. *BMJ Open*. 5:e006200. <https://bmjopen.bmj.com/content/5/6/e006200>

Chum, A, Carpenter, C, Farrell, E, Mook, L, Handy, F, Schugurensky, D, Quarter, J. (2015). Does geographic context influence employability-motivated volunteering? The role of area-level material insecurity and urbanicity. *The Canadian Geographer*. 59(3), 354-368. <https://onlinelibrary.wiley.com/doi/10.1111/cag.12167>

Mook, L., Farrell, E., **Chum, A.,** Handy, F., Schugurensky, D., & Quarter, J. (2014). Individual and Organizational Factors in the Interchangeability of Paid Staff and Volunteers: Perspectives of Volunteers. *Canadian journal of nonprofit and social*

economy research, 5(2).

Chum A, O'Campo P. (2013). Contextual determinants of cardiovascular diseases: overcoming the residential trap by accounting for non-residential context and duration of exposure. *Health & Place*. 24, 73-79.

<https://doi.org/10.1016/j.healthplace.2013.07.007>

Chum, A, Mook, L, Handy, F, Schugurensky, D, & Quarter, J. (2013). Degree and Direction of Paid Employee/Volunteer Interchange in Non-profit Organizations. *Nonprofit Management & Leadership* 23(4), 409-426.

<https://doi.org/10.1002/nml.21072>

Chum, A. (2011). Policy Implications of Neighbourhood Influences on Health Research: Towards an Alternative to Poverty Deconcentration. *Health and Place*. 17(5), 1098-1104. <https://doi.org/10.1016/j.healthplace.2011.05.014>

Under review (available by pre-print)

Kim, C, Dusing, G, Nielsen, A, MacMaster, F, Rittenbach, K, Allin, S, O'Campo, P, Penney, T, Hamilton, H, Kirst, M, **Chum, A** [senior author]. (2022). Disparities in cannabis-related emergency department visits across depressed and non-depressed individuals and the impact of recreational cannabis policy in Ontario, Canada. Submitted to *Acta Psychiatrica Scandinavia*. <https://osf.io/auhx5>

Kim, C, Nielsen, A, Dusing, G, Allin, S, Penney, T, Rittenbach, K, MacMaster, F, O'Campo, P, Kirst, M, Hamilton, H, and **Chum, A** [senior author]. The impact of recreational cannabis legalization on cannabis-related acute care events among adults with schizophrenia. Submitted to *Psychiatric Services*. <https://osf.io/bfrej>

Nielsen, A, Azra, K, Kim, C, Dusing, G, **Chum, A**. (2022). Is the association between sexual minority status and suicide-related behaviours modified by rurality? A discrete-time survival analysis using longitudinal health administrative data. Submitted to *Health & Place*. <https://osf.io/93mkr/>

Chum, A, Kim, C, Nielsen, A, Dusing, G, O'Campo, P, Matheson, F, Barker, L, Vigod, S, Ling, V, Fung, K, Kennedy, H, Kennedy, S. (2022). Disparities in suicide-related behaviours across sexual orientations by gender: a retrospective cohort study using linked health administrative data. Submitted to *American Journal of Psychiatry*. <https://osf.io/c5fyq/>

Azra, K, Nielsen, A, Kim, C, Dusing, G, **Chum, A**. (2022). Suicide-related behaviours across sexual orientation and neighbourhood deprivation levels: a retrospective cohort study using linked health administrative data. Submitted to *PLOS One*. <https://osf.io/wjgb7/>

Employment, Appointments, and Fellowships

Canada Research Chair in Population Health Data Science (tier2) School of Kinesiology and Health Science York University	Sept 2022 - current
Adjunct Professor of Population Health, Department of Applied Health Sciences Brock University	Sept 2022 - current
Assistant Professor of Population Health, Department of Applied Health Sciences Brock University	Jan 2018 - Aug 2022
Affiliate Scientist, Li Ka Shing Knowledge institute, St Michael's Hospital/Unity Health Toronto	Jan 2019 - current

Assistant Professor of Epidemiology, Division of Epidemiology, Dalla Lana School of Public Health, University of Toronto	June 2021-current
Lecturer School of Geography, University of Nottingham	Mar 2016 - Dec 2017
London School of Hygiene and Tropical Medicine, Faculty of Public Health and Policy, Department of Social and Environmental Health Research National Institute for Health Research (NIHR) Fellowship	Jan 2015 - Feb 2016
Centre for Research on Inner City Health, St Michael's Hospital Post-doctoral Fellow Canadian Institutes of Health Research (CIHR) Post-doctoral Fellowship	Sept 2012 - Dec 2014

Education

University of Toronto PhD in Medical Geography Thesis Title: <i>Socio-environmental Determinants of Cardiovascular Health</i>	Sept 2008 - Dec 2012
Ontario Institute for Studies in Education (OISE/UT) Masters in Education and Community Development Thesis Title: <i>Evictions as a Form of Gentrification-induced Displacement</i>	Sept 2006 - April 2008

List of postgraduate and postdoctoral trainees where Antony Chum was the principal or co-principal supervisor:

Trainee Name	Level	Topic/Thesis Title	Institution	Years
Gabriel Dusing	Postdoctoral fellow	Topic: Understanding disparities in substance use related crisis across sexual orientations in Canada	Unity Health Toronto	Mar 2022 - ongoing
Chungah Kim	Postdoctoral fellow	Topic: Recreational cannabis policy in Canada	York University	Jan 2021 - ongoing
Celine Teo	MSc in Applied Health Sciences	The effect of neighbourhood cohesion on mental health across sexual orientations: A longitudinal study • <i>MSc work on LGBT health chosen as finalist for CRDCN National Policy Challenge</i>	Brock University	Sept 2018 - June 2020
Zach Bellows	MSc in Applied Health Sciences	Impact of neighbourhood cohesion on mental health across ethnic groups	Brock University	Sept 2020 - ongoing
Karanpreet Kaur Azra	MSc in Applied Health Sciences	Impact of neighbourhood cohesion on mental health	Brock University	Sept 2020 - ongoing

		across ethnic groups		
Andrew Neilsen	MSc in Applied Health Sciences	Sentiment analysis of COVID-19 related tweets across Canadian jurisdictions	Brock University	Sept 2020 - ongoing
Sukhdeep Kaur	MSc in Applied Health Sciences	Access to treatment for sleep disorders • <i>MSc OGS Scholarship winner</i>	Brock University	Sept 2018 - April 2021
Peter Atkinson	MSc in Geography	What are the Social and Environmental Determinants of Active Transportation? • <i>Graduated with "Best MSc thesis award"</i>	University of Nottingham	Sept 2016 - June 2017
Alfred Dongzagla	MSc in Geography (<i>co-supervisor</i>)	Quality, Accessibility and Reliability of Improved Water Sources and Access to Domestic Water in Sub-Saharan Africa; the Case of Northern Ghana	University of Nottingham	Sept 2016 - April 2018
Anna Labetski	MSc in Geographic Information Systems (<i>co-supervisor</i>)	Environmental determinants of serious and fatal cycling accidents in London, UK	University College London	Jan 2015 - May 2016
Ikunna Onwuanibe	MSc in Public Health	Evaluation of South London access to HIV care	London School of Hygiene and Tropical Medicine	Oct 2015 - Dec 2016

Classroom Instruction

Graduate level courses taught:

Environmental Health (2019)

Advanced statistical methods (2017)

Geographical Research Methods/UK Doctoral Training Centre (2016-2017)

Geographic Information Science (2014, 2016-17)

Research Methods for Masters of Public Health (2015-2016)

Biostatistics and Introduction to Epidemiology (2015)

Undergraduate level courses taught:

Capstone course in Public Health (2018-20)

GIS and Public health (2019)

Techniques in Human Geography/Geographical Research Methods (2016-2017)

Introductory and Intermediate Quantitative Methods for Social Sciences (2016-17)

Geographic Information Science (2013, 2016)
Health Geography (2013-2015)
Transportation Geography (2014)
Urban Geography, Planning, and Politics (2013)
Healthy Cities Planning (2012-2013)

Recent Conference Presentations:

Dusing, G., Kim, C., Nielsen, A., Chum, A. Did cannabis legalization increase cannabis-related hospitalization among individuals diagnosed with depression in Canada? A comparative interrupted time-series analysis. American Public Health Association Annual Meeting 2022. Nov 6-9, 2022. Boston, MA.

Azra, K., Kim, C., Teo, C., Nielsen, A., Bellows, Z., Chum A. Suicide-Related Behaviours across sexual orientations in Ontario: A Longitudinal Population-Based Study. Canadian Public Health Association 2021. Oct 2021 6-8. Toronto, Canada.

Kim, C., Teo, C., Nielsen, A., Azra, K., Bellows, Z., Chum A. What are the psychological consequences of austerity measures in social housing? A quasi-experimental study. Canadian Public Health Association 2021. Oct 2021 6-8.

Nielsen A, Bellows Z, Teo C, Kaur S, Azra K, Kim C, Chum A. Using sentiment analysis to understand public responses to COVID-19 pandemic restrictions using social media data. American Public Health Association Annual Meeting. Oct 2021 24-27. Denver, CO.

Teo, C., Kaur, S., Chum A. Substance related acute care disparities by sexual orientations: Investigating the socio-environmental determinants of risk. CRDCN National Policy Challenge - First Prize Winner of Competition. June 2021 9-10. Ottawa, ON.

Kaur, S., Teo, C., Nielsen, A., Bellows, Z., Azra, K., Chum A. Does family life modify the effect of job security on mental health? A longitudinal analysis. Understanding Society: Changing Families Mini-Conference. Mar 2021; 22-26. Essex, UK (virtual).

Nielsen, A., Teo, C., Kaur, S., Bellows, Z., Azra, K., Chum A. The long-term effect of family support on sleep problems for sexual minorities: evidence from a UKHLS longitudinal study. Understanding Society: Changing Families Mini-Conference. Mar 2021; 22-26. Essex, UK (Virtual).

Chum, A., Teo, C., Kaur, S., Nielsen, A. Substance-use related acute care disparities by sexual orientations using linked health administrative data in Ontario, Canada. Society for Epidemiologic Research Conference. Dec 2020; 16-18. Boston, US (virtual).

Teo, C., Chum, A. Suicide related behaviours of LGB individuals in Ontario. Rainbow Health Ontario 2020 Conference. April 2020; 21-23. Niagara Falls, ON (cancelled due to COVID-19).

Teo, C., Chum, A. The effect of neighbourhood social context on LGB mental health. Rainbow Health Ontario 2020 Conference. April 2020; 21-23. Niagara Falls, ON (cancelled due to COVID-19).

Kaur, S., Chum, A. Longitudinal Impact of Job Insecurity and Managerial Status on Sleep Patterns. Mapping the New Knowledges Graduate Student Research Conference. April 2020; 9. St. Catharines, ON (virtual).

Teo, C., Chum, A. Impact of socio-environmental characteristics on substance-use acute outcome disparities by sexual orientations. Mapping the New Knowledges Graduate Student Research Conference. April 2020; 9. St. Catharines, ON (virtual).

Chum A., Teo C. Population based longitudinal study on the impact of social and geographical isolation on LGB mental health. GeoHealth Conference: Building Capacity for Health Geography. April 2019; 30. Toronto, ON.

Kaur, S., Chum, A. Time Variant effects of precarious labour on sleep. Mapping the New Knowledges Graduate Student Research Conference. April 2019; 11. St. Catharines, ON.

Teo, C., Chum, A. Does precarious labour alter mental health trajectory in the LGB population? Mapping the New Knowledges Graduate Student Research Conference. April 2019; 11. St. Catharines, ON.

Chum A. Evaluating same-source bias in the association between neighbourhood characteristics and depression in a community sample from Toronto, Canada. American Association of Geographers Annual Meeting. April 2019; 3-7. Washington, DC.

Chum A. The Impact of Precarious Labour on Non-Specific Psychiatric Morbidity: A longitudinal study of 23,651 adults. Work, Migration and Health Forum 2018. May 2018; 8-9. Toronto, ON.

Media engagement:

Hankookilbo Korean News. [단독] 미투운동 지켜본 성폭력 피해자, 우울감 큰 폭으로 줄었다 [Translated: Victims of sexual violence who watched the #MeToo movement significantly reduced their depression].

<https://www.hankookilbo.com/News/Read/A2022081415060002875?did=DA>. (published August 15, 2022)

Bill Kelly Show: THC and Cannabis Addictions. 900|CHML Hamilton. <https://megaphone.link/CORU2286107771..> [Interview starts at 33:45] (aired August 10, 2022)

YFile News: New Study examines #MeToo movement influence in Korea.

<https://yfile.news.yorku.ca/2022/07/20/new-study-examines-metoo-movement-influence-in-korea/>. (published July 20, 2022)

YourTVNiagara: How Ontarians Respond to COVID Restrictions on Twitter.

<https://www.youtube.com/watch?v=lcUOx-OjLHk>. (published April 29, 2021)

Niagara This Week: Anti-Asian sentiment the one major downfall in a surprisingly positive Twittersphere, Brock researchers find.

<https://www.niagarathisweek.com/community-story/10380123-anti-asian-sentiment-the-one-major-downfall-in-a-surprisingly-positive-twittersphere-brock-researchers-find/> (published April 27, 2021)

CBC News Hamilton: Brock study finds balanced discussion on COVID-19, but 'quite a bit' of anti-Asian racism.

<https://www.cbc.ca/news/canada/hamilton/brock-twitter-study-1.5999342>. (published April 23, 2021)

The Growth Op: What are the key impacts of cannabis policy since weed was legalized? This Ontario researcher is hoping to find out.

<https://www.thegrowthop.com/cannabis-news/what-are-the-key-impacts-of-cannabis-policy-since-weed-was-legalized-t-his-ontario-researcher-is-hoping-to-find-out>. (published November 30th, 2020)

Thorold Today: Brock receives almost \$1M in funding for cannabis-related research.

<https://www.thoroldtoday.ca/local-news/brock-receives-almost-1m-in-funding-for-cannabis-related-research-3130133>. (published November 26, 2020)

Referees:

- 1) Patricia O'Campo, PhD
Scientist, Li Ka Shing Knowledge Institute, St. Michael's Hospital
Professor, Dalla Lana School of Public Health Sciences, University of Toronto
Tier 1 Canada Research Chair in Population Health Intervention Research
E-Mail: Patricia.OCampo@unityhealth.to
Phone: 416-864-5403
- 2) Stephen Hwang, MD, MPH
Director of MAP Centre for Urban Health Solutions
Staff Physician, Division of General Internal Medicine, St. Michael's Hospital
Director, Division of General Internal Medicine, University of Toronto
E-Mail: Stephen.Hwang@unityhealth.to
Phone: 416-864-6060 Ext. 5991
- 3) Sidney Kennedy, MD, FRCPC, MRC Psych
Professor of Psychiatry at the University of Toronto
The Arthur Sommer Rotenberg Chair in Suicide and Depression Studies
E-Mail: sidney.kennedy@unityhealth.to
Phone: 416-864-2689