

Ayden I. Scheim

CONTACT

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EDUCATION

- 2017 **Ph.D., Epidemiology and Biostatistics**
Western University (The University of Western Ontario), London, Canada
Advisor: Dr. Greta Bauer
Dissertation: Discrimination and Health: Measurement and Impacts on Ontario's
Transgender Communities
- 2011 **B.A. (Honors), Sociology**
University of Toronto, Toronto, Canada

ACADEMIC APPOINTMENTS

- 2019 - **Assistant Professor**, Department of Epidemiology and Biostatistics, Dornsife School of
Public Health, Drexel University, Philadelphia, USA.
- 2019 - **Affiliate Scientist (status-only)**, Li Ka Shing Knowledge Institute, St. Michael's Hospital,
Toronto, Canada.
- 2018-2019 **Associate Scientist**, Li Ka Shing Knowledge Institute, St. Michael's Hospital, Toronto,
Canada.
- 2017-2019 **Postdoctoral Fellow**, Division of Infectious Diseases and Global Public Health,
Department of Medicine, University of California San Diego. Supervisors: Drs. Dan Werb &
Dr. Steffanie Strathdee.

EMPLOYMENT HISTORY

- 2018-2019 **Consultant**, Development of a Global Fund-supported needle and syringe exchange
program in Sierra Leone. *National HIV/AIDS Secretariat, Government of Sierra Leone.*
- 2018 **Consultant**, Preparation of application for an exemption to operate mobile supervised
injection services. *Middlesex London Health Unit, Canada.*
- 2017-2019 **Consultant**, Monitoring and evaluation. Capacity-building intervention for transgender
organizations in low- and middle-income countries. *IRGT: A Global Network of Trans Women
and HIV, Global Forum on MSM and HIV.*
- 2017-2018 **Research Manager**, Centre on Drug Policy Evaluation, Centre for Urban Health Solutions,
Li Ka Shing Knowledge Institute, *St. Michael's Hospital*, Toronto, Canada.

- 2015-2017 **Consultant**, Health care provider transgender education. *Rainbow Health Ontario*.
- 2015-2016 **Consultant**, Research and writing of technical brief on transgender HIV data collection. *IRGT: A Global Network of Trans Women and HIV, Global Forum on MSM and HIV*.
- 2013-2014 **Research Assistant**, Linking Molecular and Social Cluster Analyses in HIV Transmission, *University of Windsor* (PI: Barry Adam).
- 2013 **Consultant**, Trans-inclusive policy and practice. *Public Service Alliance of Canada Local 610*.
- 2012-2013 **Research Assistant**, Trans PULSE Project, *Western University* (PI: Greta Bauer).
- 2011 **Counselor**, AIDS & Sexual Health Info Line. *Toronto Public Health*.
- 2011 **Research Assistant**, Health Systems and Health Equity Research Group, *Centre for Addiction and Mental Health* (PI: Lori Ross), Toronto, Canada.
- 2009-2010 **Project Manager**, Trans Men's Pap Testing Campaign. *Sherbourne Health Centre*, Toronto, Canada.
- 2008-2011 **Shelter and Housing Worker**, *Fred Victor Centre*, Toronto, Canada.
- 2006-2009 **Research Assistant**, Bisexual Mental Health Study, *Sherbourne Health Centre* and *Centre for Addiction and Mental Health* (PI: Lori Ross), Toronto, Canada.
- 2005-2007 **Trans Youth Program Coordinator**, Supporting Our Youth. *Sherbourne Health Centre*, Toronto, Canada.
- 2005-2006 **Research Assistant**, Queer Youth Speak Project, *Shout Clinic* and *Centre for Addiction and Mental Health*, Toronto, Canada.
- 2003-2006 **HIV/AIDS Educator**, *Griffin Centre*, Toronto, Canada.

ADDITIONAL TRAINING

Competitive Workshops

- 2017 Health Disparities, Health Inequities, and Vulnerable Populations Workshop
Inter-University Consortium for Social and Political Research Summer Program,
University of Michigan – Ann Arbor, USA
- 2015 Summer Institute in LGBT Population Health
Fenway Institute, Boston, USA

HONORS & AWARDS

Amounts in CDN

- 2018 Canadian Association for HIV Research New Investigator Award, Key Populations (\$1,000)
- 2017-2020 Canadian Institutes of Health Research Postdoctoral Fellowship (\$150,000)
- 2017 World Professional Association for Transgender Health Outstanding Contribution (\$500)

2017	Best Oral Presentation, Canadian Society for Epidemiology and Biostatistics (\$250)
2014-2017	Pierre Elliott Trudeau Foundation Scholarship (\$233,000; partially declined)
2014-2017	Canadian Institutes of Health Research (CIHR) Vanier Scholarship (\$150,000)
2014	Western University Vice President of Research Support Grant (\$10,000)
2014-2015	Ontario Graduate Scholarship (\$15,000; declined)
2014	CIHR Institute of Gender and Health Travel Award (\$2,500)
2013-2017	Schulich Dean's MSc-PhD Transfer Award (\$20,000; partially declined)
2012	Dr. Carol Buck Graduate Scholarship in Epidemiology (\$1,000)
2011-2013	CIHR HIV/AIDS Community-Based Research Master's Award (\$35,000)
2011-2012	Ontario Graduate Scholarship (\$15,000; declined)
2011-2012	Universities Without Walls, CIHR National HIV Training Fellowship (\$17,000)
2011-2016	Western Graduate Research Scholarship (\$40,000)

PUBLICATIONS

*Student/Mentee

Peer-reviewed Articles

44. Zlotorzynska M, Sanchez T, Scheim AI, Lyons C, Maksut J, Wiginton JM, Baral S. Transgender Women's Internet Survey and Testing (TWIST): Protocol and key indicators report. *Transgender Health* 2020 [Accepted].
43. Scheim AI, Maghsoudi N, Marshall Z, Churchill C, Ziegler C, Werb D. Impact evaluations of drug decriminalization and legal regulation on drug use, health and social harms: A systematic review. *BMJ Open* 2020 [Accepted].
42. Gicquelais RE, Werb D, Marks C, Ziegler C, Mehta SH, Genberg BL, Scheim AI. A systematic review of prevalence and correlates of providing and receiving assistance with the transition to injection drug use. *Epidemiologic Reviews* 2020 [Accepted].
41. Maksut JL, Sanchez TH, Wiginton JM, Scheim AI, Logie CH, Zlotorzynska M, Lyons CE, Baral SD. Gender identity and sexual behavior stigmas, severe psychological distress, and suicidality in an online sample of transgender women in the United States. *Annals of Epidemiology* 2020 [Epub ahead of print].
40. Ferlatte O, Panwala V, Rich AJ, Scheim AI, Blackwell E, Scott K, Salway T, Knight R. Identifying health differences between transgender and cisgender gay, bisexual and other men who have sex with men using a community-based approach. *The Journal of Sex Research* 2020 [Epub ahead of print].
39. Lacombe-Duncan A, Logie CH, Persad Y, Leblanc G, Nation K, Kia H, Scheim AI, Lyons T, Loutfy M. Transgender Education for Affirmative and Competent HIV and Healthcare (TEACHH): Protocol of community-based participatory intervention development and a non-randomized multi-site pilot study with pre- post-test design in Canada. *BMJ Open* 2020;10: e034144.
38. Scheim AI, Perez-Brumer AG, Bauer GR. Gender-concordant identity documents and mental health among transgender adults in the United States: A cross-sectional survey. *The Lancet Public Health* 2020; 5(4): E196-E203.
37. Maghsoudi N, McDonald K, Stefan C, Beriault D, Mason K, Barnaby L, Altenberg J, MacDonald R D, Caldwell J, Nisenbaum R, Leece P, Watson T M, Tupper K W, Kufner L, Scheim AI, Werb D.

Evaluating networked drug checking services in Toronto, Ontario: Study protocol and rationale. *Harm Reduction Journal* 2020; 17:9.

36. Moran A, [Scheim AI](#), Lyons C, Liestman B, Drame F, Ketende S, Diouf D, Ba I, Ezouatchi R, Bamba A, Kouame A, Baral S. Characterizing social cohesion and gender identity as risk determinants of HIV among cisgender men who have sex with men and transgender women in Côte d'Ivoire. *Annals of Epidemiology* 2020; 42: 25-32.
35. Bardwell G, Strike C, Mitra S, [Scheim AI](#), Barnaby L, Altenberg J, Kerr T. "That's a double-edged sword": Exploring the integration of supervised consumption services within community health centres in Toronto, Canada. *Health and Place* 2019 [Epub ahead of print].
34. [Scheim AI](#), Knight R, Shulha H, Nosova E, Hayashi K, Milloy M-J, Kerr T, DeBeck K. Characterizing men who have sex with men and use injection drugs in Vancouver, Canada. *AIDS & Behavior* 2019; 23(12):3324-3330.
33. Dharma C, [Scheim AI](#), Bauer GR. Exploratory factor analysis of two sexual health scales for transgender people: Trans-specific condom/barrier negotiation self-efficacy (T-Barrier) and trans-specific sexual body image worries (T-Worries). *Archives of Sexual Behavior* 2019; 48(5):1563-1572.
32. [Scheim AI](#), Lyons C, Ezouatchi R, Liestman B, Drame F, Diouf D, Ba I, Bamba A, Kouame A, Baral S. Sexual behavior stigma and depression among transgender women and cisgender men who have sex with men in Côte d'Ivoire. *Annals of Epidemiology* 2019; 33: 79-83.
31. [Scheim AI](#), Bauer GR. The Intersectional Discrimination Index: Development and validation of measures of self-reported enacted and anticipated discrimination for intercategory analysis. *Social Science & Medicine* 2019; 226: 225-235.
30. Bauer GR, [Scheim AI](#). Methods for analytic intercategory intersectionality in quantitative research: Discrimination as a mediator of health inequalities. *Social Science & Medicine* 2019; 226: 236-245.
29. Leonardi M, Frecker H, [Scheim AI](#), Kives S. Reproductive health considerations in sexual and/or gender minority adolescents. *Journal of Pediatric and Adolescent Gynecology* 2019; 32(1):15-20.
28. [Scheim AI](#), Bauer GR. Sexual inactivity among transfeminine persons: A Canadian respondent-driven sampling survey. *The Journal of Sex Research* 2019; 56(2): 264-271.
27. [Scheim AI](#), Adam BD, Marshall Z. Gay, bisexual, and queer trans men navigating sexual fields. *Sexualities* 2019; 22(4): 566-586.
26. Meyers SA*, [Scheim A](#), Jain S, Sun X, Milloy MJ, DeBeck K, Hayashi K, Garfein R, Werb D. Gender differences in the provision of injection initiation assistance: A comparison of three North American settings. *Harm Reduction Journal* 2019; 15:59.
25. [Scheim AI](#), Nosova E, Knight R, Hayashi K, Kerr T. HIV incidence among men who have sex with men and inject drugs in a Canadian setting. *AIDS & Behavior* 2018; 22(12): 3957-3961.
24. [Scheim AI](#), Bardwell G, Rachlis B, Mitra S, Kerr T. Syringe sharing among people who inject drugs in London, Canada. *Canadian Journal of Public Health* 2018; 109: 174-182.

23. Kennedy MC, [Scheim AI](#), Rachlis B, Mitra S, Bardwell G, Rourke S, Kerr T. Willingness to use drug checking within supervised injection services in a mid-sized Canadian city. *Drug and Alcohol Dependence* 2018; 185: 248-252.
22. Poteat T, Malik M, [Scheim A](#), Elliot A. HIV prevention among transgender populations: Knowledge gaps and evidence for action. *Current HIV/AIDS Reports* 2017; 14(4): 141-152.
21. [Scheim AI](#), Zong X, Giblon R, Bauer GR. Disparities in access to family physicians among transgender people in Ontario, Canada. *International Journal of Transgenderism* 2017; 3: 343-352.
20. Mitra S, Rachlis B, [Scheim A](#), Bardwell G, Rourke S, Kerr T. Acceptability and design preferences of supervised injection services among people who inject drugs in a mid-sized Canadian city. *Harm Reduction Journal* 2017; 14:46.
19. Bardwell G, [Scheim AI](#), Mitra S, Kerr T. Assessing support for supervised injection services among community stakeholders in London, Canada. *International Journal of Drug Policy* 2017; 48: 27-33.
18. Bauer GR, Braimoh J, [Scheim AI](#), Dharma C. Transgender-inclusive measures of sex/gender for population surveys: Mixed-methods evaluation and recommendations. *PLoS ONE* 2017; 12(5): e0178043.
17. [Scheim AI](#), Bauer GR, Shokoohi M. Drug use among transgender people in Ontario, Canada: Disparities and associations with social exclusion. *Addictive Behaviors* 2017; 72: 151-158.
16. [Scheim AI](#), Rachlis B, Bardwell G, Mitra S, Kerr T. Public drug injecting in London, Ontario: A cross-sectional survey. *Canadian Medical Association Journal Open* 2017; 5: e290-e294.
15. [Scheim AI](#), Bauer GR, Travers R. HIV-related sexual risk among transgender men who are gay, bisexual, or have sex with men. *Journal of Acquired Immune Deficiency Syndromes* 2017; 74: e89-e96.
14. [Scheim AI](#), Travers R. Barriers and facilitators to HIV and sexually transmitted infections testing for gay, bisexual, and other transgender men who have sex with men. *AIDS Care* 2017; 8: 990-995.
13. [Scheim AI](#), Bauer GR, Shokoohi M. Heavy episodic drinking among transgender persons: Disparities and predictors. *Drug and Alcohol Dependence* 2016; 167:156-162.
12. Poteat T, [Scheim AI](#), Xavier J, Reisner SL, Baral S. Global epidemiology of HIV infection and related syndemics affecting transgender people. *Journal of Acquired Immune Deficiency Syndromes* 2016; 73 (Suppl 3):S210-219.
11. [Scheim AI](#), Santos G-M, Arreola S, Makofane K, Do TD, Hebert P, Thomann M, Ayala G. Inequities in access to HIV prevention services for transgender men: Results of a global survey of men who have sex with men. *Journal of the International AIDS Society* 2016; 19 (Suppl 2): 20779.
10. Souleymanov R, Kuzmanović D, Marshall Z, [Scheim AI](#), Mikiki M, Worthington C, Millson MP. The ethics of community-based research with people who use drugs: Results of a scoping review. *BMC Medical Ethics* 2016; 17:25.
9. [Scheim AI](#), Bauer GR, Coleman T. Socio-demographic differences by survey mode in a respondent-driven sampling study of transgender people in Ontario, Canada. *LGBT Health* 2016; 3(5): 391-395.

8. Bauer GR, Zong X, [Scheim AI](#), Hammond R, Thind A. Factors impacting transgender patients' discomfort with their family physicians: A respondent-driven sampling survey. *PLoS ONE* 2015; 10(12): e0145046-16.
7. Bauer GR, [Scheim AI](#), Pyne J, Travers R, Hammond R. Intervenable factors associated with suicide risk in transgender persons: A respondent-driven sampling study in Ontario, Canada. *BMC Public Health* 2015; 15:525.
6. [Scheim AI](#), Bauer GR. Sex and gender diversity among transgender people in Ontario, Canada: Results from a respondent-driven sampling survey. *Journal of Sex Research* 2015; 52(1):1-14.
5. Bauer GR, [Scheim AI](#), Deutsch M, Massarella C. Reported emergency department avoidance, utilization and experiences of transgender persons in Ontario, Canada: Results from a respondent-driven sampling survey. *Annals of Emergency Medicine* 2014; 63(6): 713-720.
4. [Scheim AI](#), Jackson R, James E, Dopler S, Pyne J, Bauer GR. Barriers to well-being for Aboriginal gender-diverse people: Results from the Trans PULSE Project in Ontario, Canada. *Journal of Ethnicity and Inequalities in Health and Social Care* 2013; 6(4): 108-120.
3. Marcellin RL, Bauer GR, [Scheim AI](#). Intersecting impacts of transphobia and racism on HIV risk among trans persons of colour in Ontario, Canada. *Journal of Ethnicity and Inequalities in Health and Social Care* 2013; 6(4): 97-107.
2. Bauer GR, Redman N, Bradley K, [Scheim AI](#). Sexual health of trans men who are gay, bisexual, or who have sex with men: Results from Ontario, Canada. *International Journal of Transgenderism* 2013; 14(2): 66-74.
1. Li T, Dobinson C, [Scheim AI](#), Ross LE. Unique issues bisexual people face in intimate relationships: A descriptive exploration of lived experience. *Journal of Gay and Lesbian Mental Health* 2013; 17(1): 21-39.

Commentaries and Letters

6. Rich AJ, Salway T, Scheim A, Poteat T. Sexual minority stress theory: Remembering and honoring the work of Virginia Brooks. *LGBT Health* 2020; 7(3): 124-127.
5. [Scheim AI](#), Appenroth MN, Beckham SW, Goldstein Z, Grinspan Cabral M, Keatley JG, Radix A. Transgender HIV research: nothing about us without us. *The Lancet HIV* 2019; 6(9): e566-e567.
4. Bauer GR, [Scheim AI](#). Advancing quantitative intersectionality research methods: Intracategorical and intercategory approaches to shared and differential constructs. *Social Science & Medicine* 2019; 226: 260-262.
3. [Scheim AI](#), Werb D. Integrating supervised consumption into a continuum of care for people who use drugs: The next generation of research. *Canadian Medical Association Journal* 2018; 190(31): e921-e922.
2. Gilbert M, Swenson L, Unger D, [Scheim A](#), Grace D. Need for robust and inclusive public health ethics review of the monitoring of HIV phylogenetic clusters for HIV prevention. *The Lancet HIV* 2016; 3(10): e641.

1. Bauer GR, Scheim AI. Sampling bias and transgender HIV studies. *The Lancet Infectious Diseases* 2013; 13: 832.

Book Chapters

6. Scheim AI. Epidemiology; STIs/HIV. In Goldberg A, Beemyn G, eds., *SAGE Encyclopedia of Trans Studies*. Forthcoming.
5. Scheim AI. Measuring Intersectional Stigma. In Stall R, Dodge B, Bauermeister JA, Poteat T, Beyrer C, eds. *LGBTQ Health Research: Theory, Methods, Practice*. Johns Hopkins University Press; 2020.
4. Bauer GR, Braimoh J, Scheim AI, Dharma C. New Multidimensional Sex/Gender Measure. In Milhausen R, Fisher T, Davis C, Yarber B, Sakaluk J, eds., *Handbook of Sexuality-Related Measures*, 4th ed. Taylor and Francis; 2015: 351-353.
3. Dharma C, Scheim AI, Bauer GR. Trans-Specific Sexual Body Image Worries Scale. In Milhausen R, Fisher T, Davis C, Yarber B, Sakaluk J, eds., *Handbook of Sexuality-Related Measures*, 4th ed. Taylor and Francis; 2015: 155-156.
2. Scheim AI, Winters L, Marshall Z, Jefferies D, Baral S. The prevalence of HIV among transwomen sex workers. In Nuttbrock L, ed., *Transgender Sex Work and Society*. New York: Harrington Park Press; 2015: 118-145.
1. Scheim AI, Ware SM, Redman N, Marshall Z, Giambrone B. Sexual health on our own terms: The Gay/Bi/Queer Trans Men's Working Group. In Irving D, Raj R, eds., *Trans Activism in Canada: A Reader*. Toronto: Canadian Scholars' Press; 2014: 247-258.

Research Reports

13. The Trans PULSE Canada Team. *Health and health care access for trans and non-binary people in Canada*. March 2020. Available from: <https://bit.ly/3c4gXTu>
12. Kerr T, Scheim AI, Bardwell G, Mitra S, Rachlis B, Bacon J, Murray K, Rourke S. *Ontario Integrated Supervised Injection Services Feasibility Study: London report*. Toronto: Ontario HIV Treatment Network; 2017. <http://bit.ly/2kIU1Q2>
11. Scheim AI, for the IRGT: A Global Network of Trans Women and HIV. *Counting trans people in: Advancing global data collection on transgender communities and HIV*. Oakland, CA: Global Forum on MSM and HIV; 2017. <http://tinyurl.com/hejj8vf>
10. Bauer GR, Scheim AI, for the Trans PULSE Team. *Transgender people in Ontario, Canada: Statistics from the Trans PULSE Project to inform human rights policy*. London, Ontario; 2015. <http://tinyurl.com/zzb266w>
9. Bauer G, Bowleg L, Rouhani S, Scheim A, Blot S. *Harnessing the power of intersectionality: Guidelines for quantitative intersectionality health inequities research*. London, Canada; 2014. <https://tinyurl.com/yymhrghc>
8. Scheim A, Bauer G, Pyne J. *Avoidance of public spaces by trans Ontarians*. Trans PULSE Project; 2013. <http://tinyurl.com/hb3dqsp>

7. Scheim A, Bauer G. *Cervical and breast cancer screening among trans people in Ontario: A report prepared for the Canadian Cancer Society*. Trans PULSE Project; 2013. <http://tinyurl.com/zu8yhpo>
6. Scheim A, Cherian M, Bauer G, Zong X. *Joint effort: Prison experiences of Trans PULSE participants and recommendations for change*. Trans PULSE Project; 2013. <http://tinyurl.com/hbmso7e>
5. Marcellin RL, Scheim A, Bauer G, Redman N. *Experiences of racism and ethnicity-related discrimination among trans people in Ontario*. Trans PULSE Project; 2013. <http://tinyurl.com/zchjp9n>
4. Marcellin RL, Scheim A, Bauer G, Redman N. *Experiences of transphobia among trans Ontarians*. Trans PULSE Project; 2013. <http://tinyurl.com/gmazvm4>
3. Marshall Z, Ware S, Scheim A. *The development, challenges and successes of the Gay/Bi/Queer Trans Men's Working Group*. In K. Baker (Ed.), *Global Case Study Project: Rights-Based Approaches to Health and Health Care for Transgender People*. NY: Open Society Foundations; 2013. <http://tinyurl.com/zegy45y>
2. Scheim A, Robinson M, Anderson S. *Reproductive options for trans people*: Rainbow Health Ontario; 2012. <http://tinyurl.com/oyvyj49>
1. Sevelius J, Scheim A, Giambrone B. *What are transgender men's HIV prevention needs?* Center for AIDS Prevention Studies, University of California San Francisco; 2010. <https://tinyurl.com/yxdr3p49>

Popular Press

1. Peirce J, Stoicescu C, Thumath M, Scheim A, Forrest J. How to heal the scars of Canada's war on drugs (Opinion). *Ottawa Citizen*, 1 September 2017. <http://bit.ly/2gmx5EB>

RESEARCH FUNDING

Note: Canadian grants include direct costs only, excluding investigator salaries.

Pending Grants

Gendered situated vulnerabilities and mental health among transgender men in India (PI: Scheim AI). NIH/NIMH R21MH125263. Submitted (scored, 7th percentile).

Active Grants

Trans PULSE Canada: A national study of transgender health (MPIs: Bauer G, Scheim AI). Canadian Institutes of Health Research: \$1,298,801 CDN, 2018-2022.

Canadian Research Initiative in Substance Misuse Implementation Science Program on Opioid Interventions and Services – Prairies (PI: Wild C). Canadian Institutes of Health Research: \$1,875,000 CDN, 2018-2022.

CIHR HIV/AIDS Community-Based Research Collaborative (PI: Rourke S). Canadian Institutes of Health Research: \$1,500,000 CDN, 2017-2022.

Rapidly assessing the impact of the COVID-19 pandemic and response on clinical and social outcomes, service utilization, and the unregulated drug supply experienced by people who use drugs in Toronto (PI: Werb D). Canadian Institutes of Health Research: \$244,687 CDN, 2020-2021.

Comparing treatment outcomes opioid use disorder before and after the COVID-19 outbreak in Philadelphia: A natural experiment (PI: Roth A). Fordham University HIV and Drug Abuse Prevention Research Ethics Training Institute: \$30,000 USD, 2020-2021.

A cross-sectional survey of PrEP awareness, barriers and facilitators for PrEP uptake, and the impact of dosing mechanisms on willingness to take PrEP among MSM indicated for PrEP use in Philadelphia (PI: Wells S). Merck: 2020-2021.

Securing safe supply during COVID-19 and beyond: Scoping review and knowledge mobilization (PI: Herder M). Canadian Institutes of Health Research: \$49,952 CDN, 2020.

The Ontario Integrated Supervised Injection Services Research Program: Examining uptake and impacts in different community settings and models of care (MPIs: Rourke S, Scheim AI, Leonard L, Baral S, Garber G). Canadian Institutes of Health Research: \$646,424 CDN, 2017-2020.

Completed Grants

A community-based cohort study of HIV pre-exposure prophylaxis in Ontario (PI: Tan D). Canadian Institutes of Health Research: \$450,000 CDN, 2017-2020.

Developing a community-based study of transgender men's health and human rights in India (PI: Scheim AI). Canadian Institutes of Health Research Planning and Dissemination Grant: \$19,130 CDN, 2018-2019.

Adaptation of a theoretically based mobile app to increase PrEP uptake among MSM (Consultant; PI: Sullivan P). NIH R01DA045612-02S1: 2018-2019.

Leveraging psychometric strategies and biovalidation to characterize optimal metrics of stigma for transgender women (Consultant; PI: Baral S). NIH R01MH110358-02S1: 2018-2019.

Transgender women removing healthcare barriers to engagement in the HIV prevention and care cascades (PI: Logie C). Canadian Institutes of Health Research: \$40,000 CDN, 2018-2019.

HIV prevention for gay and bisexual men: A multisite study and development of new HIV prevention interventions (PI: Hart T). Canadian Institutes of Health Research: \$1,500,000 CDN, 2014-2019.

Health and social experiences of transgender men in India (PI: Scheim AI). UC San Diego Global Health Institute Faculty/Postdoc Research Grant: \$1,500 USD, 2017.

Ontario Integrated Supervised Injection Site Feasibility Study (MPIs: Kerr T, Scheim AI, Marshall Z, Rourke S). Canadian Institutes of Health Research Centre for REACH in HIV/AIDS: \$89,150 CDN, 2015-2017.

Trans Priorities: Cross-country trans women and HIV research priority setting (PI: Marshall Z). Canadian Institutes of Health Research Centre for REACH in HIV/AIDS: \$69,821 CDN, 2015-2017.

Planning Trans PULSE Canada: A national survey of transgender health (MPIs: Bauer G, Scheim AI, Hammond R, Travers R). Canadian Institutes of Health Research Planning and Dissemination Grant: \$9,972 CDN, 2015-2016.

Improving quantitative research methods in gender, sex and population health: Theory, evidence and applications for multi-dimensionality and intersectionality (PI: Bauer G). Canadian Institutes of Health Research: \$296,749 CDN, 2013-2018.

Community-based research and research ethics: Creating community products to promote ethical research practices with people who use drugs (PI: Milson P). Canadian Institutes of Health Research Social Research Centre in HIV Prevention: \$24,000 CDN, 2013-2015.

Trans Men Who Have Sex with Men Sexual Health Study (MPIs: Adam B, Scheim AI, Marshall Z, Travers R, Ware S). Canadian Institutes of Health Research: \$99,552 CDN, 2012-2015.

PRESENTATIONS

Presentations at Scientific Meetings

Scheim AI, Kamara HT, Mansary K, Thumath M. Sierra Leone's first needle and syringe program: Lessons learned [Poster]. *International AIDS Conference: Virtual*. July 6-10, 2020.

Scheim AI, Perez-Brumer A, Bauer G. Legal gender recognition, psychological distress, and suicide risk among trans adults in the United States [Oral]. *U.S. Professional Association for Transgender Health Conference*, Washington, D.C. September 6, 2019.

Scheim AI, Twahirwa Rwema JO, Liestman B, Nyombayire J, Ketende S, Mazzei A, Mbayiha A, Malamba S, Lyons CE, Olawore O, Mugwaneza P, Kagaba A, Sullivan P, Allen S, Karita E, Baral S. Characterizing the HIV treatment cascade among transgender women in Kigali, Rwanda [Poster]. *International AIDS Society Meeting*, Mexico City. July 22, 2019.

Scheim AI, Maghsoudi N, Churchill S, Ghaderi G, Marshall Z, Werb D. What matters and what has been measured? A systematic review of research on the impacts of implementing drug decriminalization or regulation [Oral]. *International Society for the Study of Drug Policy Conference*, Paris, France. May 22, 2019.

Scheim AI, Maghsoudi N, Churchill C, Marshall Z, Werb D. Health and social impacts of implementing drug decriminalization or regulation: A systematic review [Poster]. *Harm Reduction International Conference*, Porto, Portugal. April 29, 2019.

Scheim AI, Bauer GR. Gender-affirming genital surgery associated with reduced HIV sexual risk among transgender women: A respondent driven-sampling survey [Poster]. *International AIDS Conference*, Amsterdam, NL. July 24, 2018.

Scheim AI, Knight R, Shulha H, Nosova E, Hayashi K, Milloy M-J, Kerr T, DeBeck K. Men who have sex with men and inject drugs in a Canadian setting [Poster]. *The College on Problems of Drug Dependence Annual Meeting*, San Diego, CA. June 10, 2018.

Scheim AI, Nosova E, Knight R, Hayashi K, Kerr T. HIV incidence among men who have sex with men and inject drugs in Vancouver, Canada [Oral]. *Canadian Association for HIV/AIDS Research Conference*. Vancouver, Canada. April 28, 2018.

Scheim AI, Bauer GR. The intersectional discrimination index: Validity and reliability of a new measure for population health research [Oral]. *Canadian Society for Epidemiology and Biostatistics Conference*. Banff, Canada. May 31, 2017.

Scheim AI, Bardwell G, Mitra S, Rachlis B, Kerr T. Public injecting in London, Canada: A role for supervised injection services? [Poster] *International Harm Reduction Conference*, Montreal, Canada. May 16, 2017.

Scheim AI, Bardwell G, Rachlis B, Mitra S, Kerr T. Syringe sharing among people who inject drugs in London, Ontario [Poster]. *Canadian Association for HIV/AIDS Research Conference*, Montreal, Canada. April 6-9, 2017.

Scheim AI, Bauer GR, Shokoohi M. Impacts of social exclusion on problematic substance use among transgender people: A respondent-driven sampling survey in Canada's most populous province [Oral]. *Annual Meeting of the American Public Health Association*. Denver, USA. October 31, 2016.

Scheim AI, Adam B, Marshall Z, Murray J. Accounting for high vulnerability and low risk for HIV among transgender men: a sexual fields analysis [Poster]. *International AIDS Conference*. Durban, South Africa. July 20, 2016.

Scheim AI, Santos G-M, Arreola S, Makofane K, Do TD, Hebert P, Thomann M, Ayala G. Transgender men who have sex with men report lower access to basic HIV prevention services than their non-transgender counterparts [Oral]. *Action + Access: The Rights and Demands of Gay and Bisexual Men in the Global Response to HIV*. Durban, South Africa. July 16, 2016.

Scheim AI, Bauer GR, Hammond R, Shokoohi M. Substance use among transgender people in Canada's most populous province: A respondent-driven sampling survey [Oral]. *World Professional Association for Transgender Health Symposium*, Amsterdam, Netherlands. June 20, 2016.

Scheim AI, Bauer GR, Travers R. HIV/STI sexual risk among transgender men who are gay, bisexual, or have sex with men: Trans PULSE Project [Oral]. *Canadian Association for HIV/AIDS Research Conference*, Winnipeg, Canada. May 13, 2016.

Scheim AI, Souleymanov R, Kuzmanovic D, Marshall Z, Worthington C, Mikiki, Millson P. Ethics in community-based research with people who use drugs [Poster]. *International Harm Reduction Conference*, Kuala Lumpur, Malaysia. October 21, 2015.

Scheim AI, Adam BD, Marshall Z. Gay, bi, and queer trans men navigating sexual fields [Oral]. *Annual Meeting of the American Sociological Association*, Chicago, USA. August 25, 2015.

Scheim AI, Bauer GR, Travers R, Redman N. Factors associated with HIV risk in Ontario's broad transfeminine population [Poster]. *Canadian Association for HIV/AIDS Research Conference*, Toronto, Canada. May 1-4, 2015.

Scheim AI, Souleymanov R, Kuzmanovic D, Marshall Z, Worthington C, Mikiki, Millson P. Ethics in community-based research with people who use drugs: A scoping review and community resource [Poster]. *Canadian Association for HIV/AIDS Research Conference*, Toronto, Canada. May 1-4, 2015.

Scheim AI, Bauer GR, Zong X, Hammond R. Discomfort discussing trans issues with family physicians: Correlates and implications for clinical practice [Poster]. *European Professional Association for Transgender Health*, Ghent, Belgium. March 12-14, 2015.

Scheim AI, Adam BD, Nault C, Marshall Z. “I didn’t get the feeling that they knew what they were doing”: HIV/STI testing experiences of trans men who have sex with men in Ontario [Poster]. *Canadian Association for HIV/AIDS Research Conference*, St. John’s, Canada. May 1, 2014.

Scheim AI, Bauer GR. Practice and policy implications of sex and gender diversity within trans communities [Oral]. *World Professional Association for Transgender Health Symposium*, Bangkok, Thailand. February 17, 2014.

Scheim AI, Jackson R, James E, Dopler TS, Pyne J, Bauer GR. Well-being of Aboriginal gender-diverse people in Ontario, Canada [Oral]. *World Professional Association for Transgender Health Symposium*, Bangkok, Thailand. February 17, 2014.

Scheim AI, Adam BD, Marshall Z, Travers R, Ware SM. Safer sex decision-making and negotiation among trans men who have sex with men: Results from a qualitative study in Ontario, Canada [Oral]. *World Professional Association for Transgender Health Symposium*, Bangkok, Thailand. February 16, 2014.

Scheim AI, Cherian M, Bauer GR, Zong X. Characteristics and experiences of trans people in Ontario, Canada who have been in prison [Oral]. *World Professional Association for Transgender Health Symposium*, Bangkok, Thailand. February 14, 2014.

Scheim AI. A third checkbox is not enough: Implications of sex and gender diversity among trans Ontarians [Oral]. *London Health Research Day*, London, Canada. March 19, 2013.

Scheim A. Promoting and providing Pap tests for trans men [Oral]. *National Transgender Health Summit*, University of California San Francisco, USA. April 9, 2011.

Invited Conference or Academic Presentations

Keynote: Epidemiology of HIV among transgender populations globally. *International Workshop on HIV and Transgender People*. Mexico City. July 20, 2019.

How transgender people experience Canada’s health care system. Canadian Health Coalition Research Roundtable, *Talking Across Silos in Canada’s Health Movements*. Ottawa, Canada. December 1, 2018.

Approaches to measuring intersectional stigma. Johns Hopkins University and Population Council Satellite Session on Intersectional Stigma, *International AIDS Conference*. Amsterdam, Netherlands. July 25, 2018.

Barriers to care and strategies to overcome for trans men. TRANS action: Building Bridges to Safety, Pre-Conference to the *International AIDS Conference*. Amsterdam, Netherlands. July 21, 2018.

Keynote: Transgender health and HIV. *Israeli LGBT Centre and Israel AIDS Task Force*. Tel Aviv, Israel. May 10, 2018.

HIV vulnerabilities among transgender women in sex work. *Johns Hopkins University Center for Public Health and Human Rights Symposium*. April 13, 2018.

Keynote: Transgender health and HIV: The view from Canada. *Australasian HIV & AIDS Conference*. Canberra, Australia. November 6, 2017.

Keynote: From washrooms to classrooms and beyond: Transgender rights and social inclusion. *University of Waterloo*. Waterloo, Canada. October 20, 2016.

Trans health and workplace inclusion. *Bluewater Health* [hospital]. Sarnia, Canada. September-December, 2016.

Understanding health care and transition for Ontario's transgender population. *London Health Sciences Centre Endocrinology Grand Rounds*. April 6, 2016.

Improving LGTB health data: assessing survey measures of sex, gender and sexual orientation. *Rainbow Health Ontario Conference*. London, Canada. March 10, 2016.

Plenary presentation: Trans men and stigma: A research snapshot. *British Columbia Gay Men's Health Summit*. Vancouver, Canada. November 6, 2015.

Plenary presentation: Access to health care for transgender men. *8th International AIDS Society Conference on HIV Pathogenesis, Treatment, & Prevention*. Vancouver, Canada. July 20, 2015.

Plenary presentation: Improving access to HIV/STI testing for trans communities: Learning from the experiences of trans MSM in Ontario. *Ontario AIDS Bureau HIV Testing Conference*. Toronto, Canada. March 25, 2015.

Community-led participatory research with trans communities: Case studies from Ontario, Canada. *Global Forum on MSM and HIV Pre-Conference to the International AIDS Conference*. Melbourne, Australia. July 20, 2014.

Is it time for HIV home testing? Presentation at the *Ontario HIV Treatment Network Research Conference*, Toronto, Canada. November 12, 2012.

The flipside of democratization in global Taiwan: Global civil society, the Taiwanese state, and challenges to gay rights and sexual freedom. Invited oral presentation: *Ministry of Foreign Affairs, Republic of China (Taiwan)*, Taipei, Taiwan. December 9, 2010.

Check It Out: Women who have sex with women, trans men, and Pap tests. *Guelph Sexuality Conference*, University of Guelph. June 23, 2010.

Getting Primed: Informing HIV prevention with gay, bi, queer trans men. *Europride Pride House*, Stockholm, Sweden. July 30, 2008.

Sexual health and trans communities. *Toronto Public Health Sexual Health Unit*. September 18, 2007.

Trans generation: Developments in transgender youth activism, services, and culture. Invited faculty, *National Gay and Lesbian Taskforce Creating Change Conference*, Kansas City, MS. November 8, 2006.

TEACHING

Instructor, McMaster University
Fall 2018 Health, Aging, and Society 3R03: Health Inequalities (undergraduate)

Teaching Assistant, Western University

2015-2016 Epidemiology 9551A/3200A: Foundations of Epidemiology (graduate/undergraduate)
Epidemiology 9547B: Survey Research Methods (graduate)
Epidemiology 3315B: Epidemiology of Major Diseases (undergraduate)

2014-2015 Epidemiology 9547B: Survey Research Methods (graduate)
Epidemiology 3315B: Epidemiology of Major Diseases (undergraduate)

2013-2014 Epidemiology 9001A: Principles of Epidemiology (MPH)
Biostatistics 9002A: Statistical Methods in Health (MPH)

Guest Lectures

Transgender Health. LGBT Health (graduate), Johns Hopkins University. December 6, 2019.

Drug Use and Policy. Public Health (undergraduate), Western University. November 13, 2019; October 22, 2018; October 24, 2016.

Sex and Gender. Social Epidemiology (graduate), Drexel University. October 24, 2019.

Stigma, Discrimination, and Transgender Health Disparities, HIV and Substance Use Research Seminar (graduate), UC San Diego. October 19, 2017.

Transgender Mental Health Research, Transgender Studies (graduate), Smith College School of Social Work. June 20, 2017.

Epidemiology of HIV/AIDS. Epidemiology of Major Diseases (undergraduate), Western University. February 13, 2017; March 28, 2016; March 2, 2015.

Transgender Health, Endocrinology, Medicine Year 2, Western University. October 21, 2016.

Sex, Gender, and Transgender Status in Survey Research, Survey Research Methods (graduate), Western University. March 14, 2016; March 31, 2015.

Gender and Health, Social Determinants of Health (undergraduate), University of Waterloo, June 24, 2015.

MENTORSHIP

Supervisory Committee Memberships

2020 - Tanner Nassau, PhD Candidate, Epidemiology, Drexel University
Thesis: Supervised injection sites and infectious disease risk among people who inject drugs

2020 - Gioi Tran Minh, PhD Candidate, Social Dimensions of Health, University of Victoria
Thesis: Substance use among transgender people in Canada

2019 - Leo Rutherford, PhD Candidate, Social Dimensions of Health, University of Victoria
Thesis: A Community-based survey of trans men's sexual health and wellness after metoidioplasty or phalloplasty

2017-2019 Emily Nunez, MSc Candidate, Epidemiology and Biostatistics, Western University
Thesis: Impacts of identity versus targetability on the relationship between discrimination and health

SERVICE

Clinical and Research Guideline Development

- 2020 Invited participant, HIV-Related Intersectional Stigma Research Advances and Opportunities Workshop. *NIH Office of AIDS Research and NIMH.*
- 2019 Expert participant [nominated by the Government of Canada], 2nd Expert Working Group on improving drug statistics and strengthening the Annual Report Questionnaire (ARQ). *United Nations Office on Drugs and Crime.* Vienna.
- 2018 - Leadership Group, Supervised Consumption Services, *Canadian Research Initiative in Substance Misuse.*
- 2018 - Revision Committee, *World Professional Association for Transgender Health* Standards of Care Version 8 (Chapter 8: Sexual Health Across the Lifespan).
- 2018 Invited participant, Methods and Measurement in Sexual and Gender Minority (SGM) Health Research workshop, *National Institutes of Health.*
- 2018, 2016 Invited meeting participant, Exploring International Priorities and Best Practices for the Collection of Data About Gender Minorities, *The Williams Institute.* (Buenos Aires, Argentina and Amsterdam, Netherlands)
- 2014 Writing Group member, Implementation Tool on Men who have Sex with Men and Transgender People in Low- and Middle-Income Countries, *United Nations Population Fund.*

Journal Review Activities

- 2020 - Guest Editor, PLOS ONE: Health and Health Care in Gender Diverse Communities
- 2020 - Guest Editor, International Journal of Behavioral Medicine: Sexual & Gender Minorities
- 2018 - Associate Editor, BMC Infectious Diseases
- 2019 - Editorial Board Member, International Journal of Transgender Health
- 2017 - Editorial Board Member, Psychology & Sexuality

Ad Hoc Review: Addictive Behaviors, AIDS & Behavior, American Journal of Epidemiology, American Journal of Public Health, BMC Infectious Diseases, BMC International Health and Human Rights, Canadian Journal of Public Health, Canadian Medical Association Journal, Culture, Health, and Sexuality, HIV Medicine, International Journal of Drug Policy, International Journal of STDs and AIDS, Journal of Acquired Immune Deficiency Syndromes, Journal of Homosexuality, Journal of Sex Research, LGBT Health, PLOS ONE, Sexually Transmitted Infections, Social Psychology and Psychiatric Epidemiology, Social Science & Medicine, The Lancet HIV, Transgender Health

Ad-Hoc Peer Review

- 2020 Canada Research Coordinating Committee - New Frontiers in Research Fund
- 2020 Canadian Institutes of Health Research - COVID-19 Mental Health & Substance Use
- 2019-2020 Track C (Epidemiology and Prevention) Scientific Committee, AIDS 2020
- 2019 Scientific Committee, U.S. Professional Association for Transgender Health Conference
- 2019 UC San Diego Center for AIDS Research - International Pilot Grants
- 2019 National LGBTQ Health Conference (Emory University)
- 2018 Annual Meeting of the Society for Epidemiologic Research
- 2017 Canadian Institutes of Health Research - Global Health Planning and Dissemination Grants
- 2015-2018 Canadian Conference on HIV/AIDS Research

Conference or Symposium Activities

- 2019, 2020 Organizing Committee, *International Workshop on HIV and Transgender People*.
- 2019 Organizing Committee, *Community-Based Research Centre (CBRC) for Gay Men's Health Summit*. Vancouver, Canada.
- 2018 Invited Rapporteur, 22nd International AIDS Conference (Epidemiology and Prevention)
- 2017 Organizing Committee, *Canada's Drug Futures Forum*. Ottawa, Canada.
- 2016 Invited moderator, *The White House Office of National AIDS Policy: Briefing on HIV indicator for transgender persons*. Hollywood, FL.
- Organizing Committee, *Transgender Pre-Conference, 2016 International AIDS Conference*. Durban, South Africa.
- Organizer, *World Professional Association for Transgender Health Symposium: Improving methods for transgender population health and epidemiologic research*. Amsterdam, Netherlands

Committees

- 2019 - International Working Group on Trans Men and HIV, *Global Action for Trans Equality*
- 2016-2019 Co-chair, Trans Working Group, *Canadian HIV Trials Network*
- 2015-2019 Advisory Committee, *Ontario HIV Epidemiology and Surveillance Initiative*
- 2013-2016 Research Group, *Global Forum on MSM and HIV*
- 2007-2015 Provincial Advisory Body, *Ontario Gay Men's Sexual Health Alliance*
- 2007-2011 Co-Chair, Board of Directors, *LGBT Youth Line (Ontario)*
- 2006-2016 Chair, Trans Men's Working Group, *Ontario Gay Men's Sexual Health Alliance*
- 2006-2009 Trans Men's HIV Prevention Needs Assessment Steering Committee, *AIDS Bureau, Ontario Ministry of Health and Long-Term Care*