

Ayden I. Scheim

CONTACT

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EDUCATION

- 2017 **Ph.D., Epidemiology and Biostatistics**
Western University (The University of Western Ontario), London, Canada
- 2011 **B.A. (Honors), Sociology**
University of Toronto, Toronto, Canada

ACADEMIC APPOINTMENTS

- 2023 – **Faculty Affiliate**, Urban Health Collaborative, Dornsife School of Public Health, Drexel University.
- 2023 – **Visiting Assistant Professor**, Center for AIDS Prevention Studies, University of California, San Francisco, USA.
- 2019 – **Assistant Professor**, Department of Epidemiology and Biostatistics, Dornsife School of Public Health, Drexel University, Philadelphia, USA.
- 2020 – **Adjunct Assistant Professor**, Department of Epidemiology and Biostatistics, Schulich School of Medicine and Dentistry, Western University, London, Canada.
- 2019 – **Affiliate Scientist**, 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.

CONSULTING

- 2024 Evaluation of the National HIV Behavioral Surveillance– Trans Cycle. *Division of HIV Health, Philadelphia Department of Public Health.*
- 2023 – Systematic reviews on legal gender recognition and trans-inclusive health policies. *World Health Organization.*
- 2022-2023 Gender and sexuality-based equity in supervised injection sites. *Health Canada.*

- 2018-2019 Development of a Global Fund-supported needle and syringe exchange program in Sierra Leone. *National HIV/AIDS Secretariat, Government of Sierra Leone.*
- 2018 Preparation of application for an exemption to operate mobile supervised injection services. *Middlesex London Health Unit, Canada.*
- 2017-2019 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.*
- 2015-2017 Health care provider transgender education. *Rainbow Health Ontario.*
- 2015-2016 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 Trans-inclusive policy and practice. *Public Service Alliance of Canada Local 610.*

EMPLOYMENT HISTORY

- 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.
- 2013-2014 **Research Assistant**, Linking Molecular and Social Cluster Analyses in HIV Transmission, *University of Windsor* (PI: Barry Adam).
- 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

- 2023 Dornsife School of Public Health Junior Faculty Research Award
- 2021 Alumni of Distinction Award – Basic Sciences, Schulich School of Medicine and Dentistry,
Western University
- 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

95. Chakrapani V, Santos H*, Battala M, Gupta S, Sharma S, Batavia A, Siddiqui SJ, Courts KA, Scheim AI. Access to transition-related health care among transmasculine people in India: A mixed-methods investigation. *PLOS Global Public Health*. Accepted October 14, 2024.
94. Paine EA, Appenroth M, Scheim AI, Goldrich M, Giguere R, Sandfort T. Availability of and interest in gender affirming care, PrEP, and HIV prevention services in a global sample of transmasculine persons. *Journal of Acquired Immune Deficiency Syndromes*. Online ahead of print August 19, 2024.
93. Ghabrial MA, Ferguson T, Scheim AI, Adams NJ, Khatoon M, Bauer GR. Factors associated with primary healthcare provider access among trans and non-binary immigrants, refugees, and newcomers in Canada. *Journal of Migration and Health* 2024;10:100241.
92. Hallarn J, Scheim AI, Bauer GR. Pre-exposure prophylaxis awareness and use among transgender and non-binary individuals in Canada. *Journal of Acquired Immune Deficiency Syndromes* 2024; 96(4):341-349.

91. Mitra S, Bouck Z, Larney S, Zolopa C, Hoj S, Minoyan N, Upham K, Rammohan I, Mok WY, Hayashi K, Milloy MJ, DeBeck K, [Scheim AI](#), Werb D. The impact of the COVID-19 pandemic on people who use drugs in three Canadian cities: A cross-sectional analysis. *Harm Reduction Journal* 2024; 21(1):94.
90. Adams N, Jacobsen K, Li L, Francino M, Rutherford L, Tei C, [Scheim AI](#), Bauer G. Health and health care access of autistic transgender and nonbinary people in Canada: a cross-sectional study. *Autism in Adulthood*. Online ahead of print April 1, 2024.
89. Greenwald ZR, Werb D, Feld JJ, Austin PC, Fridman D, Bayoumi AM, Gomes T, Kendall CE, Lapointe-Shaw L, [Scheim AI](#), Bartlett SR, Benchimol EI, Bouck Z, Boucher LM, Greenaway C, Janjua NZ, Leece P, Wong WWL, Sander B, Kwong JC. Validation of case-ascertainment algorithms using health administrative data to identify people who inject drugs in Ontario, Canada. *Journal of Clinical Epidemiology* 2024; 170:111332.
88. Wiegand AA, Zubizarreta D, Kennedy R, Baral S, [Scheim AI](#), Appenroth MN, Radix AE, Cole SW, Reisner SL. Global Human Immunodeficiency Virus prevalence and risk behaviors in transmasculine individuals: a scoping review. *Transgender Health*. Online ahead of print February 26, 2024.
87. [Scheim AI](#), Rich AJ, Zubizarreta D, Malik M, Baker KE, Restar AJ, van der Merwe LA, Wang J, Beebe B, Ridgeway K, Baral SD, Poteat T, Reisner SL. Health status of transgender people globally: a systematic review of research on disease burden and correlates. *PLOS ONE* 2024; 19(3): e0299373.
86. Rammohan I, Gaines T, [Scheim AI](#), Bayoumi A, Werb D. Overdose mortality incidence and supervised consumption services in Toronto, Canada: an ecological study and spatial analysis. *The Lancet Public Health* 2024; 9:e79-e87.
85. Nafeh F, Mbichila T, Bouck Z, [Scheim A](#), Mitra S, Bonn M, Morris F, Atkinson K, Mason K, Ecuwes J, Strike C. A preliminary assessment of short-term social and substance use-related outcomes among clients of integrated safer opioid supply pilot programs in Toronto, Canada. *International Journal of Mental Health and Addiction*. Online ahead of print December 22, 2023.
84. Jacobsen K*, Davis CE, Burchell D, Rutherford L, Lachowsky N, Bauer GR, [Scheim AI](#). Misgendering and the health and wellbeing of nonbinary people in Canada. *International Journal of Transgender Health*. Online ahead of print November 10, 2023.
83. Jones J, Butler G, Woody M, Sheets M, Castel AD, Kulie P, [Scheim AI](#), Reisner SL, Valencia R, Wang M, Stephenson R, Stekler JD, Sullivan PS. Adaptation of a HIV prevention mobile app for transmasculine people: A pilot acceptability and feasibility study. *Transgender Health*. Online ahead of print August 11, 2023.
82. Ghabrial MA, [Scheim AI](#), Chih C, Santos H*, Adams NJ, Bauer GR. Change in finances, peer access, and mental health among trans and nonbinary people during the COVID-19 pandemic. *LGBT Health* 2023; 10(8):595-607.
81. Jones J, Butler G, Woody M, Castel AD, Kulie P, Sheets M, [Scheim AI](#), Reisner SL, Valencia R, Wang M, Stekler JD, Sullivan PS, Stephenson R. Preferences for and Experiences of an HIV-Prevention Mobile App Designed for Transmasculine People: Pilot Feasibility Trial and Qualitative Investigation. *JMIR Formative Research* 2023;7:e51055.

80. Bowles JM, Kolla G, Smith LR, [Scheim AI](#), Dodd Z, Werb D. Disease-related stigma among people who inject drugs in Toronto amidst the COVID-19 pandemic. *Drug and Alcohol Dependence Reports* 2023;7:100167.
79. Lacombe-Duncan A, Kattari SK, Kattari L, [Scheim AI](#), Misiolek BA. Sexually transmitted infection testing among transgender and non-binary persons: results of a community-based cross-sectional survey. *Sexual Health* 2023; 20:87-91.
78. Tran GM*, Lachowsky N, Urbanoski KA, [Scheim AI](#), Bauer GR. Correlates of hazardous alcohol drinking among trans and non-binary people in Canada: a community-based cross-sectional study. *Drug and Alcohol Dependence* 2023; 250:110872.
77. Wiginton JM, Maksut JL, [Scheim AI](#), Zlotorzynska M, Sanchez TH, Baral SD. Intersecting sexual behavior and gender identity stigmas among transgender women in the United States: burden and associations with sexual health. *AIDS & Behavior* 2023;27(9):3064-3079.
76. [Scheim AI](#), Santos H*, Ciavarella S, Vermilion J, Arps FSE, Adams N, Nation K, Bauer GR. Intersecting inequalities in access to justice for trans and non-binary sex workers in Canada. *Sexuality Research and Social Policy* 2023; 20:1245–1257.
75. Greenwald ZR, Bouck Z, McLean E, Mason K, Lettner B, Broad J, Dodd Z, Nassau T*, [Scheim AI](#), Werb D. Integrated supervised consumption services and hepatitis C testing and treatment among people who inject drugs in Toronto, Canada: a cross-sectional analysis. *Journal of Viral Hepatitis* 2023; 30(2): 160-171.
74. Tran NK*, Baker KE, Lett E, [Scheim AI](#). State-level heterogeneity in associations between structural stigma and individual healthcare access: A multilevel analysis of transgender adults in the United States. *Journal of Health Services Research & Policy* 2023; 28(2): 109-118.
73. Navarro JM, [Scheim AI](#), Bauer GR. Transgender and non-binary people's preferences for virtual health care post-pandemic: A cross-sectional Canadian study. *Journal of Medical Internet Research* 2022; 24(10):e40989.
72. Tran NK*, Martinez O, [Scheim AI](#), Goldstein ND, Welles SL. Perceived barriers and facilitators of long-acting injectable HIV PrEP use among Black, Latino/Hispanic and White gay, bisexual and other men who have sex with men. *AIDS Education & Prevention* 2022; 34(5):365-378.
71. Coleman E, Radix AE, Bouman WP, et al (116 additional authors). Standards of Care for the Health of Transgender and Gender Diverse People, Version 8. *International Journal of Transgender Health*. 2022;23(sup1):S1-S259.
70. Restar A, Dusic EJ, Garrison-Desany H, Lett E, Everhart A, Baker KE, [Scheim AI](#), Wilson Beckham S, Reisner S, Rose AJ, Mimiaga MJ, Radix A, Operario D, Hughto J. Gender affirming hormone therapy dosing behaviors among transgender and nonbinary adults. *Humanities and Social Sciences Communications* 2022;9(1):304.
69. Lacombe-Duncan A, Kattari L, Kattari SK, [Scheim AI](#), Alexander F, Yonce S, Misiolek BA. HIV testing among transgender and nonbinary persons in the midwestern United States: Results of a community-based survey. *Journal of the International AIDS Society* 2022; 25:e25972.

68. Kia H, Rutherford L, Jackson R, Grigorovich A, Ricote CL, [Scheim AI](#), Bauer GR. Impacts of COVID-19 on trans and non-binary people in Canada: a qualitative analysis of responses to a national survey. *BMC Public Health* 2022; 22(1):1284.
67. Rammohan I, Bouck Z, Fusigboye S, Bowles J, McDonald K, Maghsoudi N, [Scheim AI](#), Werb D. Drug checking use and interest among people who inject drugs in Toronto, Canada. *International Journal of Drug Policy* 2022; 107:103781.
66. Lazor T, Blondal E, [Scheim AI](#), Cubillos P, Werb D, Milloy M-J, Bonato S, Maghsoudi N, Rueda S. Measurement of public health impacts of cannabis legalization in Canada to reflect policy maker priorities: A rapid scoping review of instruments and content domains. *Drug and Alcohol Dependence* 2022; 236:109463.
65. Ward KM, [Scheim AI](#), Wang J, Cocchiario B, Singley K, Roth AM. Impact of reduced restrictions on buprenorphine prescribing during COVID-19 among patients in a community-based treatment program. *Drug and Alcohol Dependence Reports* 2022; 3:100055.
64. Dang M, [Scheim AI](#), Teti M, Quinn KG, Zarwell M, Petroll AE, Horvath KJ, John SA. Barriers and facilitators to HIV pre-exposure prophylaxis (PrEP) uptake, adherence, and persistence among transgender populations in the United States: A systematic review. *AIDS Patient Care and STDs* 2022; 36(6):236-248.
63. Mitra S*, Kolla G, Bardwell G, Wang R, Sniderman R, Mason K, Werb D, [Scheim AI](#). Requiring help injecting among people who inject drugs in Toronto, Canada: Characterizing the need to address sociodemographic disparities and substance-use specific patterns. *Drug and Alcohol Review* 2022; 41(5):1062-1070.
62. Bouck Z, [Scheim AI](#), Gomes T, Ling V, Caudarella A, Werb D. Evaluating interventions to facilitate opioid agonist treatment access among people who inject drugs in Toronto, Ontario during COVID-19 pandemic restrictions. *International Journal of Drug Policy* 2022; 104:103680.
61. Tami A*, Ferguson T, Bauer GR, [Scheim AI](#). Avoidance of primary healthcare among transgender and non-binary people in Canada during the COVID-19 pandemic. *Preventive Medicine Reports* 2022; 27:101789.
60. Nassau T*, Kolla G, Mason K, Hopkins S, Tookey P, McLean E, Werb D, [Scheim AI](#). Service utilization patterns and characteristics among clients of integrated supervised consumption sites in Toronto, Canada. *Harm Reduction Journal* 2022; 19:33.
59. Werb D, [Scheim AI](#), Soipe A, Aeby S, Rammohan I, Fischer B, Hadland SE, Marshall BDM. Health harms of non-prescription opioid use: A systematic review. *Drug and Alcohol Review* 2022; 4(4):941-952.
58. Maghsoudi N*, Tanguay J, Scarfone K, Rammohan I, Ziegler C, Werb D, [Scheim AI](#). Drug checking services for people who use drugs: a systematic review. *Addiction* 2022; 117(3):532-544.
57. Bouck Z, Tricco AC, Rosella LC, Ling V, Gomes T, Tadrous M, Fox MP, [Scheim AI](#), Werb D. Validation of self-reported opioid agonist treatment among people who inject drugs using prescription dispensation records. *Epidemiology* 2022; 33(2):287-294.

56. Everhart AR, Boska H, Sinai-Glazer H, Wilson-Yang JQ, Butler Burke N, LeBlanc G, Persad Y, Ortigoza E, [Scheim AI](#), Marshall Z. 'I'm not interested in research; I'm interested in services': How to better health and social services for transgender women living with and affected by HIV. *Social Science and Medicine* 2022; 292:114610.
55. Chakrapani V, [Scheim AI](#), Newman PA, Shunmugam M, Rawat S, Baruah D, Bhattar A, Nelson R, Jaya A, Kaur M. Affirming and negotiating gender in family and social spaces: Stigma, mental health and resilience among transmasculine people in India. *Culture, Health & Sexuality* 2022; 24(7):951-967.
54. Lacombe-Duncan A, Logie CH, Persad Y, Leblanc G, Nation K, Kia H, [Scheim AI](#), Lyons T, Horemans C, Olawale R, Loutfy M. Implementation and evaluation of the 'Transgender Education for Affirmative and Competent HIV and Healthcare (TEACHH)' provider education pilot. *BMC Medical Education* 2021; 21:561.
53. [Scheim AI](#), Coleman TC, Lachowsky NJ, Bauer GR. Health care access among transgender and non-binary people in Canada, 2019: A cross-sectional survey. *Canadian Medical Association Journal Open* 2021; 9(4):e1213-e1222.
52. [Scheim AI](#), Bauer GR, Bastos JL, Poteat T. Advancing intersectional discrimination measures for health disparities research: Protocol for a mixed-methods bilingual measurement study. *JMIR Research Protocols* 2021; 10(8):e30987.
51. [Scheim AI](#), Sniderman R, Wang R, Bouck Z, McLean E, Mason K, Bardwell G, Mitra S, Greenwald ZR, Thavorn K, Garber G, Baral SD, Rourke SB, Werb D. The Ontario Integrated Supervised Injection Services cohort study of people who inject drugs in Toronto, Canada (OiSIS-Toronto): Cohort profile. *Journal of Urban Health* 2021; 98(4):538-550.
50. Roth AM, Mitchell AK, Mukherjee R, [Scheim AI](#), Ward KM, Lankenau SE. Prevalence and correlates of syringe disposal box use in a Philadelphia neighborhood with high levels of public drug injection. *Substance Use & Misuse* 2021; 56(5):668-673.
49. Meyers SA*, Rafful C, Mittal ML, Tirado-Muñoz J, Smith LR, Jain S, Sun X, Garfein R, Strathdee S, DeBeck K, Hayashi K, McNeil R, Milloy M-J, Olding M, Guise A, Werb D, [Scheim AI](#). Examining the gender composition of drug injecting initiation events: A mixed methods investigation of three North American contexts. *International Journal of Drug Policy* 2021; 90:103056.
48. [Scheim AI](#), Bouck Z, Tookey P, Hopkins S, Sniderman R, McLean E, Garber G, Baral S, Rourke SB, Werb D. Supervised consumption service use and recent non-fatal overdose among people who inject drugs in Toronto, Canada. *International Journal of Drug Policy* 2021; 87:102993.
47. Lacombe-Duncan A, Kia H, Logie CH, Todd KP, Persad Y, Leblanc G, Nation K, [Scheim AI](#), Lyons T, Horemans C, Loutfy M. A qualitative exploration of barriers to HIV prevention, treatment, and support: Perspectives of transgender women and service providers. *Health and Social Care in the Community* 2021, 29(5):e33-e46.
46. 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* 2021;6(5): 256-266.

45. Rich A, [Scheim AI](#), Koehoorn M, Poteat T. Non-HIV chronic disease burden among transgender populations globally: A systematic review and narrative synthesis. *Preventive Medicine Reports* 2020; 20:101259.
44. [Scheim AI](#), Kacholia V*, Logie CH, Chakrapani V, Ranade K, Gupta S. Health of transgender men in low- and middle-income countries: A scoping review. *BMJ Global Health* 2020; 5:e003471.
43. Gicquelais RE, Werb D, Marks C, Ziegler C, Mehta SH, Genberg BL, [Scheim AI](#). Prevalence and correlates of providing and receiving assistance with the transition to injection drug use. *Epidemiologic Reviews* 2020; 42(1):4-18.
42. [Scheim AI](#), Maghsoudi N, Marshall Z, Churchill C, Ziegler C, Werb D. Impact evaluations of drug decriminalisation and legal regulation on drug use, health and social harms: A systematic review. *BMJ Open* 2020; 10:e035148.
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; 52:15-22.
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; 57(8):1005-1013.
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* 2020; 102245.
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* 2018; 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.
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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.
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Research Reports

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19. Trans PULSE Canada COVID Cohort Working Group on behalf of the Trans PULSE Canada Team. *Social and economic impacts of COVID-19 on transgender and non-binary people in Canada*. December 2020. <https://bit.ly/45zkwMw>
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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: Direct costs only. Canadian grants do not include investigator salaries.

Active Grants

Measures of structural stigmatization and discrimination for HIV research with Latine sexual and gender minorities. (MPIs: [Scheim AI](#), del Río-González AM). NIH/NIMHD R01MD020284: \$2,440,820 USD, 2024-2027.

The Collaborative Center for Legal Epidemiology: Evaluating law as an intervention to improve health outcomes and reduce disparities related to HIV, Viral Hepatitis, STDs, and Tuberculosis. (PI: Schnake-Mahl A). Centers for Disease Control and Prevention: \$1,810,598 USD, 2023-2028. Role: Co-investigator.

Diversity in discrimination research: Bringing the experiences of multiply marginalized Canadian populations to the fore (PI: Bastos). Social Science and Humanities Research Council (Canada): \$163,115 CDN, 2024-2026. Role: Co-investigator.

Intimate partner violence and HIV prevention continuum engagement among transgender and nonbinary populations (PI: Storholm E). NIH/NIMH R01MH133484, 2023-2028. Role: Consultant.

Developing and validating a quantitative measure of daily intersectional stigma experiences for Black people with disabilities (PI: Wang P). NIH/NIMHD R01MD018984, 2023-2026. Role: Consultant.

Examining associations between structural stigmatization and discrimination and HIV-related outcomes among Latines (Subaward PI: [Scheim AI](#)). NIH/NIAID R25 AI154589-03: \$18,514 USD, 2023-2024.

The Toronto Disparities, Overdose, and Treatment (T-DOT) Study: Investigating clinical outcomes among people who inject drugs during a period of rapid programmatic and policy change (PI: Werb D). Canadian Institutes of Health Research: \$1,560,600 CDN, 2022-2027. Role: Co-investigator.

Effectiveness of relationship education for reducing HIV incidence in men who have sex with men (PI: Newcomb M). NIH/NIAID U01AI156874: 2021-2026. Role: Consultant.

Preventing Injecting and Overdose by Disrupting Injection Drug Use Transitions: The PRIMER II Study (PI: Werb D). Canadian Institutes of Health Research: \$761,175 CDN, 2021-2026. Role: Co-Investigator.

Trans PULSE Canada: A national study of transgender health (MPIs: Bauer G, [Scheim AI](#)). Canadian Institutes of Health Research: \$1,298,801 CDN, 2018-2025.

Completed Grants

Advancing intersectional discrimination measures for HIV-related health disparities research (PI: [Scheim AI](#)). NIH/NIMHD R21 MD016177-01S1: \$250,648 USD, 2021-2023.

Advancing intersectional discrimination measures for health disparities research (PI: [Scheim AI](#)). NIH/NIMHD R21 MD016177: \$275,000 USD, 2021-2023.

Gendered situated vulnerabilities and mental health among transgender men in India (PI: [Scheim AI](#)). NIH/NIMH R21 MH125263: \$275,000 USD, 2021-2023.

Queer Inclusion, Equality, Health, & Rights Working Group (PIs: [Scheim AI](#), Sell R, Voyles C). Urban Health Collaborative, Drexel Dornsife School of Public Health: \$15,000 USD, 2022-2023.

Gender-based differences in non-HIV STI testing among sexually active transgender and nonbinary persons: Bridging gaps in STI research (PI: Lacombe-Duncan A). NIH/NIAID R03AI159298-01: \$100,000 USD, 2021-2022. Role: Consultant.

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. Role: Co-Investigator.

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

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 & Co.: \$200,857 USD, 2020-2021. Role: Co-Investigator.

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: \$206,760 CDN, 2020-2021. Role: Co-Investigator.

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. Role: Co-Investigator.

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. Role: Co-Investigator.

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, 2017-2021.

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. Role: Co-Investigator.

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 (PI: Sullivan P). NIH R01DA045612-02S1: 2018-2019. Role: Consultant.

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

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. Role: Co-Investigator.

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. Role: Co-Investigator.

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. Role: Co-Investigator.

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. Role: Co-Investigator.

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. Role: Co-Investigator.

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, Our Health Matters: Key findings and lessons learned from a national survey of transmasculine health in India. *World Professional Association for Transgender Health Symposium* [Oral], Lisbon, Portugal. September 30, 2024.

Scheim AI. Incorporating intersectionality in quantitative trans health research. *2nd International Trans Studies Conference* [Oral]. Chicago, IL. September 5, 2024.

Scheim AI, Bouck Z, Greenwald Z, Ling V, Hopkins S, Johnson M, Bayoumi A, Gomes T, Werb D. Frequency of supervised consumption service use and acute care utilization in people who inject drugs. *Society for Epidemiologic Research Annual Meeting* [Oral]. Austin, TX. June 20, 2024.

Scheim AI. Intersectionality across the survey research lifecycle. *Society for Epidemiologic Research Annual Meeting* [Symposium Presentation]. Austin, TX. June 20, 2024.

Scheim AI, Battala M, Logie C, Batavia A, Vee V. Suicide risk among transmasculine people in India: Results of a community-based survey. *National Institute of Mental Health 12th Global Mental Health Research without Borders Conference*. Bethesda, MD. October 31, 2023.

Scheim AI, Chakrapani V, Santos H, Siddiqui SJ, Aryal A, Battala M. Access to gender-affirming care among trans men and transmasculine people: Findings from the “Our Health Matters” study. *Association for Transgender Health in India – IPATHCON 2022* [Oral]. New Delhi, India. October 29, 2022.

Scheim AI, Allen B, Arredondo Sanchez Lira J, Kral A, Roth A. Evaluating supervised consumption sites across diverse North American contexts: Challenges, opportunities, and strategies. *National Harm Reduction Conference*. San Juan, Puerto Rico. October 15, 2022.

Scheim AI, Chakrapani V, Santos H, Siddiqui SJ, Aryal A, Battala M. Access to gender-affirming health care among trans men and transmasculine people in India. *World Professional Association for Transgender Health Symposium* [Oral], Montreal, Canada. September 19, 2022.

Scheim AI, Ciavarella C, Vermilion J, Arps FSE, Santos H, Adams N, Nation K, Bauer GR. Access to Justice for Trans and Non-Binary Sex Workers in Canada: An Intersectional Analysis of Trans PULSE Canada. *World Professional Association for Transgender Health Symposium* [Oral], Montreal, Canada. September 18, 2022.

Scheim AI, Ciavarella C, Vermilion J, Arps FSE, Santos H, Adams N, Nation K, Bauer GR. Intersecting inequities in access to justice for trans and non-binary sex workers in Canada [Poster]. *International AIDS Conference*. Montreal, Canada and online. July 29-August 2, 2022.

Scheim AI, Bouck Z, Tookey P, Hopkins S, Sniderman R, Garber G, Baral S, Kerr T, Rourke S, Werb D. Supervised consumption service use and non-fatal overdose among people who inject drugs in Toronto, Canada [Poster]. *Society for Epidemiologic Research Annual Meeting*. Online. December 16-18, 2020.

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

Strategies for measuring intersecting forms of stigma and discrimination in HIV research. *UCSF Center for AIDS Research*. April 18, 2024.

Undoing erasure to promote trans, non-binary, and intersex people’s health. *Anatomy Connected 2024 (Annual meeting of the American Anatomy Association)*. Toronto, Canada. March 24, 2024.

Upstream and up close: Community-engaged social epidemiology to advance LGBTQ+ health equity. *Stanford University School of Medicine LGBTQ+ Health Seminar Series*. March 11, 2024.

Structural and intersectional approaches to trans population health. *Epidemiology and Biostatistics Seminar Series, Western University*. March 1, 2024.

Intersectionality in substance use research. *Center for Drug Use and HIV Research, New York University*. April 24, 2023.

Intersectional approaches to measuring stigma and discrimination for trans and nonbinary health research. *SHINE Strong R25 Seminar, University of California Irvine*. April 21, 2023.

Development and evaluation of intersectional discrimination measures for people living with HIV. *Culturally focused HIV Advancements through the Next Generation for Equity (CHANGE) T32 Training Program Seminar, University of Miami*. April 8, 2023.

Intersectionality and survey measures. *Intersectionality Training Institute*. March 8, 2023.

Global insights on transgender health. *Taylor and Francis Group*. October 4, 2022.

Plenary presentation: Social determinants of mental health among transmasculine people in India. *8th National LGBTQ Health Conference*. Chicago, IL. July 29, 2022.

Transmasculine people's health and human rights in India. *Centre for Gender and Sexual Health Equity (University of British Columbia) Speaker Series*. June 16, 2022.

Our Health Matters: A community-based mixed-methods study of transmasculine mental health in India. *Social and Behavioural Health Sciences Seminar Series, University of Toronto*. June 14, 2022.

Putting community and intersectionality at the center: Social epidemiology to advance global LGBTQ+ health equity. *Department of Health, Behavior, and Society, Johns Hopkins University*. June 7, 2022.

Keynote: Strategies for measuring intersecting forms of stigma and discrimination in population health research. *U.S. Department of Health and Human Services Stigma Working Group*. April 14, 2022.

Research on transmasculine health globally and in India: Gaps and opportunities. *2nd National LGBTQI+ Health Symposium*. New Delhi, India. December 10, 2021.

Health disparities and health equity for transgender populations. *Drexel – Tower Health LGBTQ+ Health Symposium*. June 30, 2021.

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.

Stigma, discrimination, and transgender health disparities. *Department of Social Medicine, University of North Carolina – Chapel Hill*. November 13, 2017.

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

Fall 2024 Epidemiology EPI749: Research and Practice in Epidemiology, Drexel University

Fall 2023 Epidemiology EPI749: Research and Practice in Epidemiology, Drexel University
 Winter 2023 Epidemiology EPI550: Applied Survey Research in Epidemiology, Drexel University
 Fall 2021 Epidemiology EPI750: Integrative Learning Experience in Epidemiology, Drexel University
 Winter 2021 Epidemiology EPI550: Applied Survey Research in Epidemiology, Drexel University
 Fall 2018 Health, Aging, and Society 3R03: Health Inequalities (undergraduate), McMaster University

Guest Lectures

2024 *Transgender Health*. Social Epidemiology, Drexel University.
 2021 *Developing a community-based participatory research program*. Community Health and Prevention Doctoral Seminar, Drexel University.
 2019 *Epidemiology of Transgender Health*, Bloomberg School of Public Health, Johns Hopkins University.
 2019 *Sex and Gender*. Social Epidemiology, Drexel University.
 2017 *Discrimination & Transgender Health Disparities*. HIV and Substance Use Seminar, UC San Diego.
 2017 *Transgender Mental Health*. Transgender Studies, Smith College School of Social Work.
 2016, 2018, 2019, 2020, 2021 *Drug Use and Policy*. Public Health, Western University.
 2016 *Transgender Health*. Endocrinology, Medicine Year 2, Western University.
 2015-2017 *Epidemiology of HIV*. Epidemiology of Major Diseases, Western University.
 2015, 2016 *Sex and Gender in Survey Research*. Survey Research Methods, Western University.
 2015 *Gender and Health*. Social Determinants of Health, University of Waterloo.

MENTORSHIP

Faculty mentor

2022 – Jennifer Jain, PhD, Assistant Professor, Department of Community Health Systems, University of California, San Francisco. Advisor on NIDA K01 DA056306.

Doctoral advisor

Dates	Name	Program or School	Thesis	Role	Current Position
2022-now	Victoria Ryan	PhD, Epidemiology, Drexel University	Longitudinal Population Size Estimation and Drug Use Patterns Associated with Overdose Prevalence Among People Who Inject Drugs in Philadelphia	Advisor	PhD Student
2022-now	Heather Santos	PhD, Epidemiology, Drexel University	Suicide risk among transgender and non-binary people in Canada	Advisor	PhD Student
2020-2022	Tanner Nassau	PhD, Epidemiology, Drexel University	Supervised injection sites and infectious disease risk among people who inject drugs	Co-advisor	Epidemiologist, Philadelphia Department of Public Health

Thesis committee member

Dates	Name	Program or School	Thesis	Current Position
2022-now	Mannat Malik	PhD Candidate, Health Behavior, University of North Carolina – Chapel Hill	Resistance to intersectional stigma among transgender women	PhD Candidate

Dates	Name	Program or School	Thesis	Current Position
2022-now	Jason Hallarn	PhD, Epidemiology and Biostatistics, Western University	Sexual health among transgender and non-binary persons living in Canada	PhD Candidate
2022-2024	Lux Li, PhD	MSc, Epidemiology and Biostatistics, Western University	Gender positivity and gender distress in transgender and non-binary communities: Predictive factors and impact on health	Clinical Research Project Assistant, Sick Kids Hospital
2022-2023	Bisola Hamzat	MSc, Epidemiology and Biostatistics, Western University	Intersectional analysis of intimate partner violence among transgender and non-binary people in Canada	Epidemiologist/Research Coordinator, Ontario Drug Policy Research Network
2021-2022	Emily Sanders	MSc, Epidemiology and Biostatistics, Western University	Fertility preservation discussions among transgender youth and adults beginning gender-affirming care in Canada	MD candidate, University of Limerick
2020-2021	Sara Todorovic	MSc, Epidemiology and Biostatistics, Western University	Impact of delays to gender-affirming medical care during COVID-19 on anxiety and depression among trans and non-binary people	Epidemiologist, IPRO
2020-now	Gioi Tran Minh	PhD Candidate, Social Dimensions of Health, University of Victoria	Substance use among transgender people in Canada	PhD Candidate
2019-now	Leo Rutherford	PhD Candidate, Social Dimensions of Health, University of Victoria	A Community-based survey of trans men's sexual health and wellness after metoidioplasty or phalloplasty	PhD Candidate
2017-2019	Emily Nunez	MSc, Epidemiology and Biostatistics, Western University	Impacts of identity versus targetability on the relationship between discrimination and health	Epidemiologist/Biostatistician, Public Health Agency of Canada

SERVICE

Academic Service

- 2024 – Chair, Dornsife School of Public Health Executive Committee of the Faculty
- 2024 – Member, Department of Epidemiology and Biostatistics Graduate Program Committee
- 2023 – 2024 Chair, Department of Epidemiology and Biostatistics Social Committee
- 2022 – Queer Inclusion, Equality, Health, & Rights Working Group (Co-Chair, 2022-2023)
- 2022 – Guiding Team, Robert Wood Johnson Foundation Transforming Academia for Equity
- 2022 – Department of Epidemiology and Biostatistics Chair's Advisory Committee
- 2022 - 2024 Member, Dornsife School of Public Health Executive Committee of the Faculty
- 2021 - 2023 Department of Epidemiology and Biostatistics Seminar Committee
- 2021 - 2023 Drexel University Senate Committee on Student Life
- 2021 Epidemiology PhD Admissions Committee
- 2020 Epidemiology PhD Comprehensive Exam Committee

Editorial and Peer Review Activities

Editorial Roles

- 2023 – Associate Editor, *LGBT Health*

- 2020 - 2021 Guest Editor, *PLOS ONE: Health and Health Care in Gender Diverse Communities*
- 2019 – Editorial Board Member, *International Journal of Transgender Health*
- 2018 - 2022 Associate Editor, *BMC Infectious Diseases*
- 2017 – Editorial Board Member, *Psychology & Sexuality*

Ad Hoc Reviewer

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

Leadership in Scientific Meetings

- 2024 Panel organizer, A trans studies that counts: Critical quantitative approaches in applied trans studies. *2nd International Trans Studies Conference*
- 2023 Symposium co-organizer, Measuring sex, gender, and sexual orientation in epidemiologic research. *Society for Epidemiologic Research Annual Meeting*
- 2021 Track C (Prevention Science) Scientific Committee, *IAS Conference on HIV Science*
- 2019 - 2021 Organizing Committee, *International Workshop on HIV and Transgender People*
- 2019 - 2020 Track C (Epidemiology and Prevention) Scientific Committee, *AIDS 2020*
- 2019 Scientific Committee, U.S. Professional Association for Transgender Health Conference
- 2019 Organizing Committee, *Community-Based Research Centre Gay Men's Health Summit*
- 2018 Invited Rapporteur (Epidemiology and Prevention), *AIDS 2018*
- 2017 Organizing Committee, *Canada's Drug Futures Forum*
- 2016 Invited moderator, Briefing on HIV indicator for transgender persons, *White House Office of National AIDS Policy*
- 2016 Organizing Committee, *Transgender Pre-Conference to AIDS 2016*
- 2016 Organizer, Improving methods for transgender population health and epidemiologic research, *World Professional Association for Transgender Health Symposium*

Abstract Review for Scientific Meetings

- 2019 National LGBTQ Health Conference (Emory University)
- 2018 Annual Meeting of the Society for Epidemiologic Research
- 2015-2018 Canadian Conference on HIV/AIDS Research

Funding Peer Review

- 2021 *National Institutes of Health - Transformative Research to Address Health Disparities and Advance Health Equity (U01)*
- 2020 *Canada Research Coordinating Committee - New Frontiers in Research Fund*
- 2020 *Canadian Institutes of Health Research - COVID-19 Mental Health & Substance Use*
- 2019 *UC San Diego Center for AIDS Research - International Pilot Grants*
- 2017 *Canadian Institutes of Health Research - Global Health Planning and Dissemination Grants*

Professional Service

- 2024 – Institute Advisory Board, *Institute of Gender and Health, Canadian Institutes of Health Research*

- 2023 Invited panelist, Expanding the Evidence Base in Gender-Affirming Care for Transgender and Gender Diverse Populations, *NIH Sexual & Gender Minority Research Office*.
- 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 - 2022 Leadership Group, Supervised Consumption Services, *Canadian Research Initiative in Substance Misuse*.
- 2018 - 2022 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*.

Community Service

- 2024 – Secretary, Board of Directors, Global Action for Trans Equality
- 2024 – Coalition for Dignity in Treatment (Philadelphia)
- 2020 – ViiV Positive Action Technical Review Committee
- 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*

Expert Witness

- 2024 Gender marker changes (Kalarchik v. Montana), *American Civil Liberties Union*
- 2023 Transgender health research methodology, *British Columbia College of Nurses and Midwives*
- 2023 Name changes for transgender people, Court of Common Pleas of Butler County, PA, *Transgender Legal Defense and Education Fund*
- 2022 Gender marker changes for transgender people (Marquez v. Montana), *American Civil Liberties Union*
- 2021 Name changes for transgender people, Courts of Common Pleas of Allegheny County, PA, *Transgender Legal Defense and Education Fund*
- 2021 Name changes for transgender people, Courts of Common Pleas of Philadelphia, PA, *Transgender Legal Defense and Education Fund*
- 2020 Anti-transgender stigma (Cardle v. Her Majesty the Queen), *Legal Aid Ontario*

Memberships

International AIDS Society, Society for Epidemiologic Research, World Professional Association for Transgender Health, US Professional Association for Transgender Health