

# Ayden I. Scheim, PhD

---

## CONTACT

Department of Epidemiology and Biostatistics, Dornsife School of Public Health, Drexel University  
Room 514 Nesbitt Hall, 3215 Market Street, Philadelphia, PA 19104  
Tel: (267) 359-6359  
Email: ais63@drexel.edu

## EDUCATION

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

## ACADEMIC APPOINTMENTS

- 2019-Present    **Assistant Professor**, Department of Epidemiology and Biostatistics, Dornsife School of  
Public Health, Drexel University, Philadelphia, USA.
- 2019-Present    **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*.
- 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 **Senior Research Associate**, 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*.
- 2013 **Facilitator**, Survive and Thrive hate crime survivor support group. *London, ON Homophobia Biphobia Transphobia Working Group*.
- 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).
- 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).
- 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*.
- 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

## GRADUATE & POSTDOCTORAL AWARDS

2018	Canadian Association for HIV Research New Investigator Award, Key Populations
2017-2020	Canadian Institutes of Health Research Postdoctoral Fellowship
2017	World Professional Association for Transgender Health Outstanding Student Contribution
2017	Best Oral Presentation, Canadian Society for Epidemiology and Biostatistics
2014-2017	Pierre Elliott Trudeau Foundation Scholarship
2014-2017	Canadian Institutes of Health Research (CIHR) Vanier Scholarship
2014	Western University Vice President of Research Support Grant
2014-2015	Ontario Graduate Scholarship
2014	CIHR Institute of Gender and Health Travel Award
2013-2017	Schulich Dean's MSc-PhD Transfer Award
2012	Dr. Carol Buck Graduate Scholarship in Epidemiology
2011-2013	CIHR HIV/AIDS Community-Based Research Master's Award
2011-2012	Ontario Graduate Scholarship
2011-2012	Universities Without Walls, CIHR National HIV Training Fellowship
2011-2016	Western Graduate Research Scholarship

## PUBLICATIONS

### Peer-reviewed Articles

1. [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*. Online ahead of print 20 July 2019.
2. 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*. Online ahead of print 6 June 2019.
3. [Scheim AI](#), Lyons C, Ezouatchi R, Liestman B, Drame F, Diouf D, Ba I, Bamba A, Kouame A, Baral S. (2019). Sexual behavior stigma and depression among transgender women and cisgender men who have sex with men in Côte d'Ivoire. *Annals of Epidemiology*, 33: 79-83.
4. [Scheim AI](#), Bauer GR. (2019). The Intersectional Discrimination Index: Development and validation of measures of self-reported enacted and anticipated discrimination for intercategory analysis. *Social Science & Medicine*, 226: 225-235.
5. Bauer GR, [Scheim AI](#). (2019). Methods for analytic intercategory intersectionality in quantitative research: Discrimination as a mediator of health inequalities. *Social Science & Medicine*, 226: 236-245.
6. Leonardi M, Frecker H, [Scheim AI](#), Kives S. (2019). Reproductive health considerations in sexual and/or gender minority adolescents. *Journal of Pediatric and Adolescent Gynecology*, 32(1):15-20.
7. [Scheim AI](#), Bauer GR. (2019). Sexual inactivity among transfeminine persons: A Canadian respondent-driven sampling survey. *The Journal of Sex Research*, 56(2): 264-271.
8. [Scheim AI](#), Adam BD, Marshall Z. (2019). Gay, bisexual, and queer trans men navigating sexual fields. *Sexualities*, 22(4): 566-586.

9. Meyers SA, [Scheim A](#), Jain S, Sun X, Milloy MJ, DeBeck K, Hayashi K, Garfein R, Werb D. (2018). Gender differences in the provision of injection initiation assistance: A comparison of three North American settings. *Harm Reduction Journal*, 15:59.
10. [Scheim AI](#), Nosova E, Knight R, Hayashi K, Kerr T. (2018). HIV incidence among men who have sex with men and inject drugs in a Canadian setting. *AIDS & Behavior*, 22(12): 3957-3961.
11. [Scheim AI](#), Bardwell G, Rachlis B, Mitra S, Kerr T. (2018). Syringe sharing among people who inject drugs in London, Canada. *Canadian Journal of Public Health*, 109: 174-182.
12. Kennedy MC, [Scheim AI](#), Rachlis B, Mitra S, Bardwell G, Rourke S, Kerr T. (2018). Willingness to use drug checking within supervised injection services in a mid-sized Canadian city. *Drug and Alcohol Dependence*, 185: 248-252.
13. Poteat T, Malik M, [Scheim A](#), Elliot A. (2017). HIV prevention among transgender populations: Knowledge gaps and evidence for action. *Current HIV/AIDS Reports*, 14(4): 141-152.
14. [Scheim AI](#), Zong X, Giblon R, Bauer GR. (2017). Disparities in access to family physicians among transgender people in Ontario, Canada. *International Journal of Transgenderism*, 3: 343-352.
15. Mitra S, Rachlis B, [Scheim A](#), Bardwell G, Rourke S, Kerr T. (2017). Acceptability and design preferences of supervised injection services among people who inject drugs in a mid-sized Canadian city. *Harm Reduction Journal*, 14:46.
16. Bardwell G, [Scheim AI](#), Mitra S, Kerr T. (2017). Assessing support for supervised injection services among community stakeholders in London, Canada. *International Journal of Drug Policy*, 48: 27-33.
17. Bauer GR, Braimoh J, [Scheim AI](#), Dharma C. (2017). Transgender-inclusive measures of sex/gender for population surveys: Mixed-methods evaluation and recommendations. *PLoS ONE*, 12(5): e0178043.
18. [Scheim AI](#), Bauer GR, Shokoohi M. (2017). Drug use among transgender people in Ontario, Canada: Disparities and associations with social exclusion. *Addictive Behaviors*, 72: 151-158.
19. [Scheim AI](#), Rachlis B, Bardwell G, Mitra S, Kerr T. (2017). Public drug injecting in London, Ontario: A cross-sectional survey. *Canadian Medical Association Journal Open*, 5: e290-e294.
20. [Scheim AI](#), Bauer GR, Travers R. (2017). HIV-related sexual risk among transgender men who are gay, bisexual, or have sex with men. *Journal of Acquired Immune Deficiency Syndromes*, 74: e89-e96.
21. [Scheim AI](#), Travers R. (2017). Barriers and facilitators to HIV and sexually transmitted infections testing for gay, bisexual, and other transgender men who have sex with men. *AIDS Care*, 8: 990-995.
22. [Scheim AI](#), Bauer GR, Shokoohi M. (2016). Heavy episodic drinking among transgender persons: Disparities and predictors. *Drug and Alcohol Dependence*, 167:156-162.
23. Poteat T, [Scheim AI](#), Xavier J, Reisner SL, Baral S. (2016). Global epidemiology of HIV infection and related syndemics affecting transgender people. *Journal of Acquired Immune Deficiency Syndromes*, 73 (Suppl 3):S210-219.

24. Scheim AI, Santos G-M, Arreola S, Makofane K, Do TD, Hebert P, Thomann M, Ayala G. (2016). 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*, 19 (Suppl 2): 20779.
25. Souleymanov R, Kuzmanović D, Marshall Z, Scheim AI, Mikiki M, Worthington C, Millson MP. (2016). The ethics of community-based research with people who use drugs: Results of a scoping review. *BMC Medical Ethics*, 17:25.
26. Scheim AI, Bauer GR, Coleman T. (2016). Socio-demographic differences by survey mode in a respondent-driven sampling study of transgender people in Ontario, Canada. *LGBT Health*, 3(5): 391-395.
27. Bauer GR, Zong X, Scheim AI, Hammond R, Thind A. (2015). Factors impacting transgender patients' discomfort with their family physicians: A respondent-driven sampling survey. *PLoS ONE*, 10(12): e0145046-16.
28. Bauer GR, Scheim AI, Pyne J, Travers R, Hammond R. (2015). Intervenable factors associated with suicide risk in transgender persons: A respondent-driven sampling study in Ontario, Canada. *BMC Public Health*, 15:525.
29. Scheim AI, Bauer GR. (2015). Sex and gender diversity among transgender people in Ontario, Canada: Results from a respondent-driven sampling survey. *Journal of Sex Research*, 52(1):1-14.
30. Bauer GR, Scheim AI, Deutsch M, Massarella C. (2014). Reported emergency department avoidance, utilization and experiences of transgender persons in Ontario, Canada: Results from a respondent-driven sampling survey. *Annals of Emergency Medicine*, 63(6): 713-720.
31. Scheim AI, Jackson R, James E, Dopler S, Pyne J, Bauer GR. (2013). 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*, 6(4): 108-120.
32. Marcellin RL, Bauer GR, Scheim AI. (2013). 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*, 6(4): 97-107.
33. Bauer GR, Redman N, Bradley K, Scheim AI. (2013). Sexual health of trans men who are gay, bisexual, or who have sex with men: Results from Ontario, Canada. *International Journal of Transgenderism*, 14(2): 66-74.
34. Li T, Dobinson C, Scheim AI, Ross LE. (2013). Unique issues bisexual people face in intimate relationships: A descriptive exploration of lived experience. *Journal of Gay and Lesbian Mental Health*, 17(1): 21-39.

### Peer-Reviewed Commentaries

1. 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*. Online ahead of print 19 August 2019.

2. Bauer GR, [Scheim AI](#). (2019). Advancing quantitative intersectionality research methods: Intracategorical and intercategorical approaches to shared and differential constructs. *Social Science & Medicine*, 226: 260-262.
3. [Scheim AI](#), Werb D. (2018). Integrating supervised consumption into a continuum of care for people who use drugs: The next generation of research. *Canadian Medical Association Journal*, 190(31): e921-e922.

### Letters to the Editor

1. Gilbert M, Swenson L, Unger D, [Scheim A](#), Grace D. (2016). Need for robust and inclusive public health ethics review of the monitoring of HIV phylogenetic clusters for HIV prevention. *The Lancet HIV*, 3(10): e641.
2. Bauer GR, [Scheim AI](#). (2013). Sampling bias and transgender HIV studies. *The Lancet Infectious Diseases*, 13: 832.

### Book Chapters

1. Bauer GR, Braimoh J, [Scheim AI](#), Dharma C. (2019). New Multidimensional Sex/Gender Measure. In Milhausen R, Fisher T, Davis C, Yarber B, Sakaluk J (Eds.), *Handbook of Sexuality-Related Measures*, 4<sup>th</sup> ed. Taylor and Francis. Pgs. 351-353.
2. Dharma C, [Scheim AI](#), Bauer GR. Trans-Specific Sexual Body Image Worries Scale. (2019). In Milhausen R, Fisher T, Davis C, Yarber B, Sakaluk J (Eds.), *Handbook of Sexuality-Related Measures*, 4<sup>th</sup> ed. Taylor & Francis. Pgs. 155-156.
3. [Scheim AI](#), Winters L, Marshall Z, Jefferies D, Baral S. (2018). The prevalence of HIV among transwomen sex workers. In Nuttbrock L (Ed.), *Transgender Sex Work and Society*. New York: Harrington Park Press. Pgs. 118-145.
4. [Scheim AI](#), Ware SM, Redman N, Marshall Z, Giambrone B. (2014). 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. Pgs. 247-258.

### Research Reports

1. Kerr T, [Scheim AI](#), Bardwell G, Mitra S, Rachlis B, Bacon J, Murray K, Rourke S. (2017). *Ontario Integrated Supervised Injection Services Feasibility Study: London report*. Toronto: Ontario HIV Treatment Network. <http://bit.ly/2kIU1Q2>
2. [Scheim AI](#), for the IRGT: A Global Network of Trans Women and HIV. (2016). *Counting trans people in: Advancing global data collection on transgender communities and HIV*. Oakland, CA: Global Forum on MSM and HIV. <http://tinyurl.com/hejj8vf>
3. Bauer GR, [Scheim AI](#), for the Trans PULSE Team. (2015). *Transgender people in Ontario, Canada: Statistics from the Trans PULSE Project to inform human rights policy*. London, Ontario. <http://tinyurl.com/zzb266w>
4. [Scheim A](#), Bauer G, Pyne J. (2013). Avoidance of public spaces by trans Ontarians. *Trans PULSE E-Bulletin*, 3(4). Trans PULSE Project. <http://tinyurl.com/hb3dqsp>

5. Scheim A, Bauer G. (2013). Cervical and breast cancer screening among trans people in Ontario: A report prepared for the Canadian Cancer Society. Trans PULSE Project. <http://tinyurl.com/zu8yhpo>
6. Scheim A, Cherian M, Bauer G, Zong X. (2013). Joint effort: Prison experiences of Trans PULSE participants and recommendations for change. *Trans PULSE E-Bulletin*, 3(3). Trans PULSE Project. <http://tinyurl.com/hbms07e>
7. Marcellin RL, Scheim A, Bauer G, Redman N. (2013). Experiences of racism and ethnicity-related discrimination among trans people in Ontario. *Trans PULSE E-Bulletin*, 3(1). Trans PULSE Project. <http://tinyurl.com/zchjp9n>
8. Marcellin RL, Scheim A, Bauer G, Redman N. (2013). Experiences of transphobia among trans Ontarians. *Trans PULSE E-Bulletin*, 3(2). Trans PULSE Project. <http://tinyurl.com/gmazvm4>
9. Marshall Z, Ware S, Scheim A. (2013). 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. <http://tinyurl.com/zegy45y>
10. Scheim A, Robinson M, Anderson S. (2012). Reproductive options for trans people: Rainbow Health Ontario fact sheet. Rainbow Health Ontario. <http://tinyurl.com/oyvyj49>
11. Sevelius J, Scheim A, Giambrone B. (2010). What are transgender men's HIV prevention needs? *CAPS HIV Prevention Fact Sheets*. Center for AIDS Prevention Studies, University of California San Francisco. <https://tinyurl.com/yxdr3p49>

### Popular Press

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

### Published Abstracts

1. Bauer GR, Scheim AI, Braimoh J, Dharma C. (2016). Transgender-inclusive sex/gender measures for population surveys: Mixed-methods assessment of English-language items in a multicultural Canadian context. *International Journal of Psychology*, 51:612.
2. Bauer GR, Shokoohi M, Hammond R, Scheim AI. (2016). Factors affecting HIV testing among transgender people in Ontario, Canada: results from a respondent-driven sampling survey. *Journal of the International AIDS Society*, 19(Suppl 5): 46.
3. Scheim AI, Bauer GR, Travers R, Redman N. (2015). Factors associated with HIV risk in Ontario's broad transfeminine population: The challenge of heterogeneity for transgender HIV prevention research. *Canadian Journal of Infectious Diseases & Medical Microbiology*, 26(Suppl B): 98B.
4. Scheim AI, Souleymanov R, Kuzmanovic D, Marshall Z, Worthington C, Mikiki M, Milson P. (2015). Ethics in community-based research with people who use drugs: A scoping review and community resource. *Canadian Journal of Infectious Diseases & Medical Microbiology*, 26(Suppl B): 110B.

5. [Scheim AI](#), Adam BD, Nault C, Marshall Z. (2014). “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. *Canadian Journal of Infectious Diseases & Medical Microbiology*, 25(Suppl A): 97A.
6. Lachowsky, NJ, Baidoobonso S, Coleman T, Marshall Z, Grace D, [Scheim AI](#), Worthington C, Ibáñez-Carrasco F. (2013). The politics and process of community-academic relations in community-based research: Cases from emerging researchers. *Canadian Journal of Infectious Diseases & Medical Microbiology*, 24(Suppl A): 111A.

## RESEARCH FUNDING

- Title:** **Developing a Community-Based Study of Transgender Men’s Health and Human Rights in India**
- PI:** [Ayden Scheim](#) (NPI), Venkatesan Chakrapani, Carmen Logie, Ketki Ranade
- Funding:** Canadian Institutes of Health Research Planning and Dissemination Grant—Global Health: \$19,130 CDN.
- Status:** Funded, 2018-2019.
- 
- Title:** **Trans PULSE Canada: A National Study of Transgender Health**
- PIs:** Greta Bauer (NPI), [Ayden Scheim](#)
- Co-Is:** Dominic Beaulieu-Prévost, Todd Coleman, Adrian Edgar, Tatiana Ferguson, Fin Gareau, Randy Jackson, Nathan Lachowsky, Renne Masching, Kelendria Nation, Yasmeen Persad, Jake Pyne, Nik Redman, Catherine Taylor, Robb Travers, Jaimie Veale
- Funding:** Canadian Institutes of Health Research Operating Grant, \$1,298,801 CDN.
- Summary:** National community-based research survey of 3000 transgender people.
- Status:** Funded, 2018-2022.
- 
- Title:** **Canadian Research Initiative in Substance Misuse Implementation Science Program on Opioid Interventions and Services - Prairies**
- PI:** David Hodgins, Carol Hopkins, Elaine Hyshka, Cameron Wild
- Co-Is:** Lori Jackson, Mary Clare Kennedy, Ryan McNeil, Lena Quilty, [Ayden Scheim](#), Dan Werb
- Funding:** Canadian Institutes of Health Research: \$1,875,000 CDN.
- Summary:** Implementation science research and knowledge translation on supervised consumption services and opioid use disorder treatment.
- Status:** Funded, 2018-2022.
- 
- Title:** **Adaptation of a Theoretically Based Mobile App to Increase PrEP Uptake Among MSM**
- PI:** Patrick Sullivan
- Role:** Consultant
- Funding:** National Institutes of Health R01 Supplement: \$100,000 USD.
- Summary:** Mixed-methods evaluation of an HIV prevention mobile application for transgender men.
- Status:** Funded, 2018-2019.
- 
- Title:** **Leveraging Psychometric Strategies and Biovalidation to Characterize Optimal Metrics of Stigma for Transgender Women**
- PI:** Stefan Baral
- Role:** Consultant
- Funding:** National Institutes of Health R01 Supplement: \$100,000 USD.
- Summary:** Development and bio-validation of stigma metrics for research with transgender women.

- Status: Funded, 2018-2019.
- Title: **The Women and HIV Research Program: Impactful Research with Diverse Women Living with and at Risk of HIV in Canada**
- PI: Mona Loutfy
- Role: Program Expert, Trans Women and HIV
- Funding: Canadian Institutes of Health Research Foundation Grant: \$3,780,858 CDN.
- Summary: Foundation Scheme award to Mona Loutfy for CHIWOS, a Canadian cohort of women living with HIV, and a Trans Women and HIV research program.
- Status: Funded, 2017-2024.
- Title: **CIHR HIV/AIDS Community-Based Research Collaborative**
- PIs: Sean Rourke (NPI), Jennifer Jones, Albert McLeod, Jason Mercredi, Kenneth Monteith, Michael Payne, Florentius Visser, Gerard Yetman, Kali Gartner, Susan Kirkland, Zack Marshall, Brent Oliver, Joanne Otis, Catherine Worthington
- Role: Co-Investigator (1 of 124).
- Funding: Canadian Institutes of Health Research— Collaborative Centres of HIV/AIDS Community-based Research: \$1,500,000 CDN.
- Status: Funded, 2017-2022.
- Title: **The Ontario Integrated Supervised Injection Services Research Program: Examining Uptake and Impacts in Different Community Settings and Models of Care**
- PIs: Sean Rourke (NPI), Stefan Baral, Gary Garber, Lynne Leonard, [Ayden Scheim](#)
- Co-Is: Jean Bacon, Tara Gomes, Mary Clare Kennedy, Thomas Kerr, Zack Marshall, Peggy Millson, Sanjana Mitra, Beth Rachlis, Carol Strike, Kednapa Thavorn, Dan Werb
- Funding: Canadian Institutes of Health Research Project Grant: \$646,424 CDN.
- Summary: Evaluation of the effectiveness and impacts of integrated supervised injection service models implemented in four community health agencies in Ontario.
- Status: Funded, 2017-2020.
- Title: **A Community-Based Cohort Study of HIV Pre-Exposure Prophylaxis in Ontario**
- PIs: Darrell Tan (NPI), Ryan Lisk
- Co-Is: Camille Arkell, Molly Bannerman, Jonathan Betteridge, Owen McEwen, Roberto Ortiz Nunez, Shannon Ryan, Wangari Tharao, Vanessa Allen, Isaac Bogoch, Ann Burchell, David Knox, Alan Li, Paul Macpherson, Sharmistha Mishra, Andrew Pinto, Janet Raboud, Jeff Reinhart, [Ayden Scheim](#), Malika Sharma, Michael Silverman, James Wilton, Kevin Woodward
- Funding: Canadian Institutes of Health Research— HIV/AIDS Community-Based Research: \$450,000 CDN.
- Summary: Community-based prospective cohort of 800 pre-exposure prophylaxis users in Ontario.
- Status: Funded, 2017-2020.
- Title: **HIV Prevention for Gay and Bisexual Men: A Multisite Study and Development of New HIV Prevention Interventions**
- PIs: Trevor Hart (NPI), Jody Jollimore, Joseph Cox, David Moore, Daniel Grace
- Co-Is: Barry Adam, Dan Allman, Martin Blais, David Brennan, Ann Burchell, Todd Coleman, Olivier Ferlatte, Jamie Forrest, Sandra Gardner, Mark Gilbert, Troy Grennan, Robert Hogg, Mark Hull, Nathan Lachowsky, Gilles Lambert, David Le, Mona Loutfy, Zack Marshall, John Maxwell, Kenneth Monteith, Ted Myers, Brent Oliver, Joanne Otis, Wayne Robert, [Ayden Scheim](#), Darrell Tan, Florentius Visser

Funding: Canadian Institutes of Health Research Boys' and Men's Health Grant: \$1,500,000 CDN.  
Summary: Respondent-driven sampling survey of gay and bisexual men in Toronto, Montreal, and Vancouver to inform development and evaluation of HIV prevention programs.  
Status: Funded, 2014-2019.

### Completed Funded Projects

Title: **Transgender Women Removing Healthcare Barriers to Engagement in the HIV Prevention and Care Cascades**  
PIs: Carmen Logie (NPI), Gabrielle Leblanc, Yasmeen Persad  
Co-Is: Chavisa Horemans, Hannah Kia, Ashley Lacombe-Duncan, Mona Loutfy, Tara Lyons, [Ayden Scheim](#)  
Funding: Canadian Institutes of Health Research HIV/AIDS Community-Based Research Catalyst Grant, \$40,000 CDN.  
Summary: Development and pilot study of a peer-driven educational intervention for HIV service and care providers.  
Status: Funded, 2018-2019.

Title: **Health and Social Experiences of Transgender Men in India**  
PI: [Ayden Scheim](#)  
Funding: UC San Diego Global Health Institute Faculty/Postdoc Research Grant, \$1,500 USD.  
Summary: Formative research to develop one of the first studies of transgender men's health in India.  
Status: Funded, 2017.

Title: **Ontario Integrated Supervised Injection Site Feasibility Study**  
PIs: Thomas Kerr (NPI), Sean Rourke, Zack Marshall, [Ayden Scheim](#)  
Funding: Canadian Institutes of Health Research Centre for REACH in HIV/AIDS: \$89,150 CDN.  
Summary: Mixed-methods research to assess the feasibility, acceptability, and potential impacts of supervised injection services in London and Thunder Bay, Ontario.  
Status: Completed, 2015-2017.

Title: **Trans Priorities: Cross-Country Trans Women and HIV Research Priority Setting**  
PIs: Nora Butler Burke, Gabrielle Leblanc, Zack Marshall, Evana Ortigoza, [Ayden Scheim](#), Yasmeen Persad  
Funding: Canadian Institutes of Health Research Centre for REACH in HIV/AIDS: \$69,821 CDN.  
Summary: Consultations with transgender women affected by HIV, health service providers, and researchers across Canada to set an intervention research agenda for trans women and HIV.  
Status: Completed, 2015-2017.

Title: **Planning Trans PULSE Canada: A National Survey of Transgender Health**  
PIs: Greta Bauer (NPI), Rebecca Hammond, [Ayden Scheim](#), Robb Travers  
Co-Is: Todd Coleman, Jake Pyne  
Funding: Canadian Institutes of Health Research Planning and Dissemination Grant: \$9,972 CDN.  
Status: Completed, 2015-2016.

Title: **Improving Quantitative Research Methods in Gender, Sex and Population Health: Theory, Evidence and Applications for Multi-dimensionality and Intersectionality**  
PI: Greta Bauer  
Co-Is: Jessica Braimoh, [Ayden Scheim](#), Guangyong Zou  
Funding: Canadian Institutes of Health Research Operating Grant: \$296,749 CDN.

- Summary: Development of the theoretical and empirical basis, and methods of application, for multi-dimensionality of sex and gender and intersectionality in population health research.
- Status: Completed, 2013-2018.
- Title: **Community-Based Research and Research Ethics: Creating Community Products to Promote Ethical Research Practices with People Who Use Drugs**
- PI: Margaret (Peggy) Milson
- Co-Is: Dario Kuzmanovic, Zack Marshall, [Ayden Scheim](#), Catherine Worthington
- Funding: Canadian Institutes of Health Research Social Research Centre in HIV Prevention: \$24,000 CDN.
- Summary: Scoping review on ethical issues in community-based research with people who use drugs and development of a community resource.
- Status: Completed, 2013-2015.
- Title: **Trans Men Who Have Sex with Men Sexual Health Study**
- PIs: Barry Adam (NPI), Zack Marshall, [Ayden Scheim](#), Robb Travers, Syrus Ware
- Co-Is: Alex Adams, Nik Redman
- Funding: Canadian Institutes of Health Research— HIV/AIDS Community-Based Research: \$99,552 CDN.
- Summary: Qualitative community-based research project investigating HIV risk among trans men.
- Status: Completed, 2012-2015.

## PEER-REVIEWED CONFERENCE PRESENTATIONS

*(first-authored presentations only)*

1. 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 presentation at the *International AIDS Society Meeting*, Mexico City. July 22, 2019.
2. 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 presentation at the 13th International Society for the Study of Drug Policy Conference, Paris, France. May 22, 2019.
3. Scheim AI, Maghsoudi N, Churchill C, Marshall Z, Werb D. Health and social impacts of implementing drug decriminalization or regulation: A systematic review. Poster presentation at the *Harm Reduction International Conference*, Porto, Portugal. April 29, 2019.
4. Scheim AI, Bauer GR. Gender-affirming genital surgery associated with reduced HIV sexual risk among transgender women: A respondent driven-sampling survey. Poster presentation at the *International AIDS Conference*, Amsterdam, NL. July 24, 2018.
5. 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 presentation at *The College on Problems of Drug Dependence Annual Meeting*, San Diego, CA. June 10, 2018.
6. 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 presentation at the 27<sup>th</sup> *Canadian Association for HIV/AIDS Research Conference*. Vancouver, Canada. April 28, 2018.

7. Scheim AI, Bauer GR. The intersectional discrimination index: Validity and reliability of a new measure for population health research. Oral presentation at the *Canadian Society for Epidemiology and Biostatistics Conference*. Banff, Canada. May 31, 2017. [Winner of Best Oral Presentation award].
8. Scheim AI, Bardwell G, Mitra S, Rachlis B, Kerr T. Public injecting in London, Canada: A role for supervised injection services? Poster presentation at the *17<sup>th</sup> International Harm Reduction Conference*, Montreal, Canada. May 16, 2017.
9. Scheim AI, Bardwell G, Rachlis B, Mitra S, Kerr T. Syringe sharing among people who inject drugs in London, Ontario. Poster presentation at the *26<sup>th</sup> Canadian Association for HIV/AIDS Research Conference*, Montreal, Canada. April 6-9, 2017.
10. 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 presentation at the *Annual Meeting of the American Public Health Association*. Denver, USA. October 31, 2016.
11. 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 presentation at the *21<sup>st</sup> International AIDS Conference*. Durban, South Africa. July 20, 2016.
12. 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: results of a global MSM survey. Oral presentation at *Action + Access: The Rights and Demands of Gay and Bisexual Men in the Global Response to HIV: 21<sup>st</sup> International AIDS Conference*. Durban, South Africa. July 16, 2016.
13. 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 presentation at the *World Professional Association for Transgender Health Symposium*, Amsterdam, Netherlands. June 20, 2016.
14. 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 presentation at the *25<sup>th</sup> Canadian Association for HIV/AIDS Research Conference*, Winnipeg, Canada. May 13, 2016.
15. Scheim AI, Souleymanov R, Kuzmanovic D, Marshall Z, Worthington C, Mikiki, Millson P. Ethics in community-based research with people who use drugs. Poster presentation at the *16<sup>th</sup> International Harm Reduction Conference*, Kuala Lumpur, Malaysia. October 21, 2015.
16. Scheim AI, Adam BD, Marshall Z. Gay, bi, and queer trans men navigating sexual fields. Oral presentation (regular session) at the *110<sup>th</sup> Annual Meeting of the American Sociological Association*, Chicago, USA. August 25, 2015.
17. Scheim AI, Bauer GR, Travers R, Redman N. Factors associated with HIV risk in Ontario's broad transfeminine population. Poster presentation at the *24<sup>th</sup> Canadian Association for HIV/AIDS Research Conference*, Toronto, Canada. May 1-4, 2015.

18. 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 presentation at the 24<sup>th</sup> *Canadian Association for HIV/AIDS Research Conference*, Toronto, Canada. May 1-4, 2015.
19. Scheim AI, Bauer GR, Zong X, Hammond R. Discomfort discussing trans issues with family physicians: Correlates and implications for clinical practice. Poster presentation at the *European Professional Association for Transgender Health*, Ghent, Belgium. March 12-14, 2015.
20. 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 presentation at the 23<sup>rd</sup> *Canadian Association for HIV/AIDS Research Conference*, St. John's, Canada. May 1, 2014.
21. Scheim AI, Bauer GR. Practice and policy implications of sex and gender diversity within trans communities. Oral presentation at the *World Professional Association for Transgender Health Symposium*, Bangkok, Thailand. February 17, 2014.
22. Scheim AI, Jackson R, James E, Dopler TS, Pyne J, Bauer GR. Well-being of Aboriginal gender-diverse people in Ontario, Canada. Oral presentation at the *World Professional Association for Transgender Health Symposium*, Bangkok, Thailand. February 17, 2014.
23. 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 presentation at the *World Professional Association for Transgender Health Symposium*, Bangkok, Thailand. February 16, 2014.
24. Scheim AI, Cherian M, Bauer GR, Zong X. Characteristics and experiences of trans people in Ontario, Canada who have been in prison. Poster presentation at the *World Professional Association for Transgender Health Symposium*, Bangkok, Thailand. February 14, 2014.
25. Scheim A. Promoting and providing Pap tests for trans men. Oral presentation at the *National Transgender Health Summit*, University of California San Francisco, USA. April 9, 2011.
26. Scheim A. Trans men and Pap testing. Oral presentation at the *Conference of the Canadian Professional Association for Transgender Health*, Montreal, Canada. April 30, 2010.

## INVITED PRESENTATIONS

### Invited Conference or Academic Presentations

1. Keynote: Epidemiology of HIV among transgender populations globally. *International Workshop on HIV and Transgender People*. Mexico City. July 20, 2019.
2. 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.
3. Approaches to measuring intersectional stigma. Johns Hopkins University and Population Council Satellite Session on Intersectional Stigma, *International AIDS Conference*. Amsterdam, Netherlands. July 25, 2018.

4. 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.
5. HIV vulnerabilities among transgender women in sex work. *Johns Hopkins University Center for Public Health and Human Rights Symposium*. April 13, 2018.
6. Keynote: Transgender health and HIV: The view from Canada. *Australasian HIV & AIDS Conference*. Canberra, Australia. November 6, 2017.
7. Improving LGTB health data: assessing survey measures of sex, gender and sexual orientation. *Rainbow Health Ontario Conference*. London, Canada. March 10, 2016.
8. Plenary presentation: Trans men and stigma: A research snapshot. *British Columbia Gay Men's Health Summit*. Vancouver, Canada. November 6, 2015.
9. Plenary presentation: Access to health care for transgender men. *8<sup>th</sup> International AIDS Society Conference on HIV Pathogenesis, Treatment, & Prevention*. Vancouver, Canada. July 20, 2015.
10. 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.
11. 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.
12. Is it time for HIV home testing? Presentation at the *Ontario HIV Treatment Network Research Conference*, Toronto, Canada. November 12, 2012.
13. Check It Out: Women who have sex with women, trans men, and Pap tests. *Guelph Sexuality Conference*, University of Guelph. June 23, 2010.

## 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)

## University Guest Lecturer

- 2018 Public Health (undergraduate), Western University  
Topic: Drug Use and Policy, 22 October
- 2017 Applied HIV and Substance Use Research Seminar (graduate), UC San Diego  
Topic: Stigma, Discrimination, and Transgender Health Disparities, 19 October
- Transgender Studies (graduate), Smith College School of Social Work  
Topic: Transgender Mental Health Research, 20 June
- Epidemiology of Major Diseases (undergraduate), Western University  
Topic: Epidemiology of HIV/AIDS, 13 February
- 2016 Public Health (undergraduate), Western University  
Topic: Drug Use and Policy, 24 October
- Endocrinology, Medicine Year 2, Western University  
Topic: Transgender Health, 21 October
- Epidemiology of Major Diseases (undergraduate), Western University  
Topic: Epidemiology of HIV/AIDS, 28 March
- Survey Research Methods (graduate), Western University  
Topic: Sex, Gender, and Transgender Status in Survey Research, 14 March
- 2015 Social Determinants of Health (undergraduate), University of Waterloo  
Topic: Gender and Health, 24 June
- Survey Research Methods (graduate), Western University  
Topic: The Trans PULSE Project: A Survey Development Case Study, 31 March
- Epidemiology of Major Diseases (undergraduate), Western University  
Topic: Epidemiology of HIV/AIDS, 2 March

## Graduate Student Committee Membership

- 2019-Present 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
- 2018-Present Emily Nunez, MSc Candidate, Epidemiology and Biostatistics, Western University  
Thesis: Impacts of identity versus targetability on the relationship between discrimination and health

## SELECTED PROFESSIONAL SERVICE

### Clinical and Research Guideline Development

- 2018-Present Leadership Group, Supervised Consumption Services, *Canadian Research Initiative in Substance Misuse*.

- 2018-Present Revision Committee, *World Professional Association for Transgender Health Standards of Care Version 8* (Chapter 8: Sexual Health Across the Lifespan).
- 2018 Invited workshop participant, Methods and Measurement in Sexual and Gender Minority (SGM) Health Research, *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*.

### **Associate Editor**

- 2018-Present BMC Infectious Diseases

### **Editorial Board Member**

- 2017-Present Psychology & Sexuality

### **Journal Referee**

Addictive Behaviors, AIDS & Behavior, 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, 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**

- 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—Institute of Public & Population Health  
Global Health Planning and Dissemination Grants
- 2015-2018 Canadian Conference on HIV/AIDS Research

### **Invited Rapporteur**

- 2018 22nd International AIDS Conference (Track C: Epidemiology and Prevention)

### **Conference or Symposium Organizer**

- 2019 *Community-Based Research Centre (CBRC) for Gay Men's Health Summit*. Vancouver, Canada, 31 October-November 1.
- 2019 *International Workshop on HIV and Transgender People*. Mexico City. 20 July.
- 2017 *Canada's Drug Futures Forum*. Ottawa, Canada. 4-5 April.
- 2016 *Transgender Pre-Conference, 2016 International AIDS Conference*. Durban, South Africa. 17 July.
- World Professional Association for Transgender Health Symposium: Improving methods for transgender population health and epidemiologic research*. Amsterdam, NL. 20 June.

### **Invited Moderator or Chair**

- 2016 *The White House Office of National AIDS Policy: Briefing on HIV indicator for transgender persons*. Held at the United States Conference on AIDS, Hollywood, FL, USA. 13 September.
- International AIDS Conference: Trans-forming HIV Prevention and Care Talk [oral abstract session]*. Durban, South Africa. 20 July.
- 2016 *American Public Health Association Conference: Social Contexts and Social Determinants of LGBT Public Health [oral abstract session]*. Denver, USA. 1 November.
- 2014 *World Pride Human Rights Conference: Trans Activism*. Toronto, Canada. 27 June.
- 2013 *Ontario HIV Treatment Network Research Conference: Creating trans-friendly services and interventions*. Toronto, Canada. 19 November.
- Taking Stock, Taking Action: 5th Symposium on HIV, Law, and Human Rights: LGBT rights in Canada and abroad*. Canadian HIV/AIDS Legal Network. 14 June.
- 2012 *MSM Networking Zone, International AIDS Conference: HIV vulnerability among transgender men who have sex with men*. Washington, DC, USA. 23 July.

### **Committee Memberships**

- 2019-Present 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*