

Curriculum Vitae
MICHELLE FIRESTONE, PHD

St. Michael's Hospital
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EDUCATION AND TRAINING

2012-2014	Post-Doctoral Training: CIHR Fellowship – Institute of Aboriginal People's Health Well Living House, Centre for Research on Inner City Health, St. Michael's Hospital
2012	Ph.D., Public Health, Health and Behavioural Sciences Dalla Lana School of Public Health, University of Toronto “Our Health Counts – Unmasking Health and Social Disparities among Urban Aboriginal People in Ontario”
2004	Masters of Health Science, Social and Behavioral Interventions Program Johns Hopkins Bloomberg School of Public Health
2001	Bachelor of Science, Advanced Double Major in Biology and International Development Studies Dalhousie University

CURRENT RESEARCH AND ACADEMIC APPOINTMENTS

December 2015-present	Assistant Professor, Dalla Lana School of Public Health, University of Toronto
September 2015-present	Scientist, Centre for Research on Inner City Health, St. Michael's Hospital
June 2015-present	Scientist, Li Ka Shing Knowledge Institute, St. Michael's Hospital
January 2013-present	Associate Director, Well Living House, Centre for Research on Inner Health, St. Michael's Hospital

PREVIOUS RESEARCH APPOINTMENTS

September 2011-May 2015	Research Associate, Well Living House, Centre for Research on Inner City Health, St. Michael's Hospital
January 2012-December 2014	Research Fellow, Social and Epidemiological Research Department, Centre for Addiction and

	Mental Health
March 2014-June 2014	Consultant, Canadian Institute for Health Information
September 2007-February 2009	Research Coordinator, Centre for Research on Inner City Health, St. Michael's Hospital
October 2005-August 2007	Research Coordinator, Social and Epidemiological Research Department, Centre for Addiction and Mental Health
July 2004-September 2005	Project Manager, University of California San Diego, Division of International Health and Cross-Cultural Medicine, Dept. of Family & Preventive Medicine
June 2003-June 2004	Research Coordinator, Population Council Inc. Regional Office for Latin America and the Caribbean, Mexico
January 2005-May 2003	Research Assistant, Johns Hopkins Bloomberg School of Public Health

GRANT SUPPORT - FUNDED

New Investigator	Youth-Governed Approaches to Mental Health Promotion and Suicide Prevention for Two Spirit, LBTTQQA and Gender Non-Conforming Youth. Canadian Institutes of Health Research Team Grant: Pathways Implementation Research Team (P.I. Dr. Janet Smylie). 2015-2017: \$99,981
Co-Investigator	Toronto Indigenous Health Strategy Knowledge Products. Toronto Central Local Health Integration Unit Indigenous Health Strategy. 2015-2016: \$55,000
Co-Investigator	South Ontario Aboriginal Health Access Centre - Aboriginal Data Report for Health Links Project (P.I. Dr. Janet Smylie). 1/2015-4/2015: \$30,000
Co-Investigator	RETRAC: Researching Tobacco Reduction in Aboriginal Communities. Ontario Ministry of Health and Long Term Care Health System Research Fund (HSRF) (Project Leads Dr. Robert Schwartz and Dr. Janet Smylie). 2014-2016: \$500,000

Co-Investigator	Urban Aboriginal Health Counts: Advancing Urban Aboriginal Population-based Health Needs Assessment and Health Service Evaluation in Ontario. Ontario Ministry of Health and Long Term Care System Research Fund Capacity Award (Project Lead Dr. Janet Smylie). 2014-2017: \$1,050,00
Co-Investigator	Aboriginal Health Counts: Advancing multivariable methods for respondent driven sampling Canadian Institutes of Health Research (P.I. Dr. Michael Rotondi). 2014 -2016: \$150,291
Co-Investigator	Aboriginal Health Strategy. Ontario's Local health Integration Networks (LHINs). 2014-2015:\$50,000
Post-doctoral Trainee	Our Health Counts Toronto: Developing a Population Based Urban Aboriginal Cohort to Assess and Enhance Individual, Family, and Community Health and Wellbeing. Canadian Institutes of Health Research (P.I. Dr. Janet Smylie). 2013-2017: \$992,183
Post-doctoral Trainee	Exploring Changes in Prescription Opioid Abuse & HIV Risk Following Oxycontin Delisting in Ontario First Nations. Canadian Institutes of Health Research (P.I. Dr. Benedikt Fischer). 2013 - 2014: \$32,970
Post-doctoral Trainee	Developing and implementing a practice-based performance measurement systems with Seven Generations Midwives Toronto. Ontario Ministry of Health and Long-Term Care. 2013:\$50,000
Principal Applicant	Respondent Driven Sampling as a Tool for Community-Based Aboriginal Health Assessment and Health Service Evaluation within the Context of Addiction and Mental Health. Canadian Institutes of Health Research Post-Doctoral Fellowship. 2013-2015: \$90,000

PUBLICATIONS

1. Smylie J, Kirst M, McShane K, **Firestone M**, Wolfe S, O'Campo P. Understanding the Role of Indigenous Community Participation Indigenous Prenatal and Infant Toddler Health Promotion Programs in Canada: A Realist Review. Social Science and Medicine, In Press.
2. Minichiello A, Lefkowitz A, **Firestone M**, Smylie J, Schwartz R. Effective strategies to reduce commercial tobacco use in Indigenous communities globally: A systematic review. BMC Public Health, 2016, 16(21).

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3. **Firestone M**, Smylie J, Maracle S, McKnight C, Spiller M, De dwa da dehs ney>s Aboriginal Health Access Centre , O'Campo P. Mental Health and Substance Use among an Urban First Nations Population in Hamilton, Ontario. *Canadian Journal of Public Health*, 2015, 106(6):e375–e381.
 4. Dell E, **Firestone M**, Smylie J, Vaillancourt S. Cultural safety and providing care to Aboriginal patients in the Emergency Department. *Canadian Journal of Emergency Medicine*, 2015, 13:1-5.
 5. **Firestone M**, Tyndall M, Fischer B. Substance Misuse and Related Harms among Aboriginal People in Canada: A Comprehensive Review. *Journal of Health Care for the Poor and Underserved*. 2015, 26(4).
 6. Smylie J and **Firestone M**. Back to Basics: Identifying and Addressing Underlying Challenges in Achieving High Quality and Relevant Health Statistics for Indigenous Populations in Canada. *Statistical Journal of the International Association for Official Statistics*. 2015, 31(1).
 7. **Firestone M**, Smylie J, Maracle S, Spiller M.W, O'Campo P. Using Respondent Driven Sampling to Unmask the Disparities in Social Determinants of Health for Urban First Nations People Living in Hamilton, Ontario. *BMJ Open* 2014(4):e004978
 8. **Firestone M**, Smylie J, Maracle S, Siedule C, Pigeau L, De dwa da dehs ney>s Aboriginal Health Access Centre, Tungasuvvingat Inuit Family Health Team, Métis Nation of Ontario, O'Campo P. Concept Mapping: Application of a Community-Based Methodology in three Urban Aboriginal Populations. *American Indian Culture and Research Journal*. 2014, 38(4).
 9. Davey C, McShane K, Pulver A, McPherson C, **Firestone M**., Ontario Federation of Indian Friendship Centres (OFIFC). A realist evaluation of a community-based addiction program for urban Aboriginal people. *Alcoholism Treatment Quarterly*. 2013, 31(4).
 10. O'Campo P, Kirst M, Shaefer-McDaniel N, **Firestone M**, Scott A, McShane K. Community-based services for homeless adults experiencing concurrent mental health and substance use disorders: a realist approach to synthesizing evidence. *Journal of Urban Health*. 2009, 86(6):965-89.
 11. Ramos R, Ferreira-Pinto JB, Brouwer KC, Ramos ME, Lozada RM, **Firestone M**, Strathdee SA. A tale of two cities: Social and environmental influences shaping risk factors and protective behaviors in two Mexico-US border cities. *Health and Place* 2009,15(4):999-1005.
 12. Volkow P, Brouwer KC, Loza O, Ramos R, Lozada R, Garfein RS, Magis-Rodriguez C, **Firestone M**, Strathdee SA. Cross-border paid plasma donation Mexico–U.S.

border cities. *International Journal of Drug Policy*. 2009, 20(5):409-12.

13. **Firestone M**, Goldman M, Fischer B. Fentanyl use among street drug users in Toronto, Canada: Behavioural dynamics and public health implications. *International Journal of Drug Policy*. 2009, 20:90-92.
14. Brouwer KC, Lozada R, Cornelius WA, **Firestone M**, Magis-Rodriguez C, Zúñiga de Nuncio ML, Strathdee SA. Deportation along the U.S.-Mexico border: its relation to drug use patterns and accessing care. *Journal of Immigration and Minority Health*. 2009;11(1):1-6.
15. Baumbach JP, Foster L, Mueller M; **Firestone M**, Arbona S, Melville S, Ramos R, Strathdee S. Seroprevalence of select bloodborne pathogens and associated risk behaviors among injection drug users in the Paso del Norte region of the United States - Mexico border. *Harm Reduction Journal*. 2008, Nov 16;5:33.
16. **Firestone M** and Fischer B. A qualitative exploration of prescription opioid injection among street-based drug users in Toronto: behaviours, preferences and drug availability. *Harm Reduction Journal*. 2008, Oct 17;5:30.
17. Miller C, **Firestone M**, Ramos R, Burris S, Ramos ME, Case P, Brouwer K, Fraga M, Strathdee SA. Injecting Drug Users' Experiences of Policing Practices in Two Mexican-U.S. Border Cities: Public Health Perspectives. *International Journal of Drug Policy*. 2008 Aug;19(4):324-31
18. Fischer B, Patra J, **Firestone M**, Rehm J. Comparing prescription opioid and heroin users in a Canadian multi-site population of illicit opioid users. *Drug Alcohol Review*. 2008 Mar 31:1-8.
19. Fischer B, Powis J, **Firestone M**, Rehm J. Hepatitis C Virus (HCV) transmission among oral crack users: Viral detection on Crack Paraphernalia. *European Journal of Gastroenterology and Hepatology*. 2008 Jan;20(1):29-32.
20. Pollini RA, Brouwer KC, Lozada RM, Ramos R, **Firestone M**, Magis-Rodriguez C, Case P, Burris S, Pu M, Frost S, Palinkas LA, Miller C, Strathdee SA. Syringe Possession Arrests are Associated with Receptive Syringe Sharing in Two U.S.-Mexico Border Cities. *Addiction*. 2008 Jan;103(1):101-8.
21. Case P, Ramos R, Brouwer KC, **Firestone M**, Pollini RA, Fraga M, Patterson TL, Strathdee SA. At the Borders, On the Edge: Use of Injected Methamphetamine in Tijuana and Ciudad Juarez, Mexico. *The Journal of Immigrant and Minority Health*. 2008;10(1):23-33.
22. Moyer L, Brouwer KC, Brodine S, Lozada R, Ramos R, **Firestone M**, Magis-Rodriguez C, Strathdee SA. Barriers to HIV testing among injection drug users in two Mexico-U.S. border cities. *Drug and Alcohol Review*. 2008;27(1):39-45.

23. Deiss R, Brouwer KC, Loza O, Lozada R, Ramos R, **Firestone M**, Patterson TL, Heckathorne DD, Frost S, Strathdee SA. High Risk Sexual and Drug Using Behaviors among Male Injection Drug Users who have Sex with Men in Two Mexico-U.S. Border Cities. *Sexually Transmitted Diseases*. 2008 March; 35(3):243-249.
24. Fischer B, **Firestone M**, Patra J, Rehm J. Predictors of MMT utilization in a multi-site cohort of illicit opioid users (OPICAN). *Journal of Substance Abuse Treatment*. 2008 Apr;34(3):340-6.
25. White EF, Garfein RS, Brouwer KC, Lozada R, Ramos R, Perez SG, **Firestone M**, Magis-Rodriguez C, Conde CJ, Strathdee SA. Prevalence of Hepatitis C Virus and HIV Infection among Injection Drug Users in Two Mexican Cities Bordering the U.S. *Salud Publica*. 2007;49(3):165-172.
26. **Firestone M**, Fischer B, Rehm J, Patra J. Prevalence and associated factors of Hepatitis C infection (HCV) in a multi-site Canadian population of illicit opioid and other drug users (OPICAN). *Canadian Journal of Public Health*. 2007;98(2):130-133.
27. Eyzaguirre L, Brouwer KC, Nadai Y, Patterson TL, Ramos R, **Firestone M**, Orozovich P, Strathdee SA, Carr JK. First molecular surveillance report of HIV type 1 in injecting drug users and female sex workers along the U.S.-Mexico border. *AIDS Research and Human Retroviruses*. 2007;23(2):331-4.
28. Eyzaguirre LM, Brouwer KC, Nadai Y, Patterson TL, Ramos R, **Firestone M**, Orozovich P, Strathdee S, Carr JK. First Molecular surveillance report of HIV in injecting drug users and female sex workers in Mexico. *Retrovirology*. 2006 Dec 21;3 Suppl 1:P79.
29. **Firestone M**, Kalousek K, Patra J, Fischer B, Rehm J. Public Opinion Towards Supervised Injection Facilities and Prescribed Heroin Treatment in Ontario, Canada. *International Journal of Drug Policy* 2007;18(1):54-61.
30. **Firestone M**, Mantsios A, Ramos R, Case P, Brouwer K, Ramos ME, Davila W, Latkin C, Miller C, Strathdee SA. A qualitative exploration of gender in the context of injection drug use in two U.S.-Mexico border cities. *AIDS and Behavior* 2007;11(2):253-263.
31. Fischer B, Rehm J, Patra J, **Firestone M**. Fundamental Changes in Illicit Opioid Use Profiles Across Canada. *Canadian Medical Association Journal* 2006;175(11):1-3.
32. Fischer B, **Firestone M**, Rehm J. Illicit opioid use and its key characteristics: A select overview and evidence from a Canadian multi-site cohort of illicit opioid

users (OPICAN). Canadian Journal of Psychiatry 2006; 51(10):621-623

33. Fischer B, Reimer J, **Firestone M**, Kalousek K, Rehm J, Heathcote J. Treatment for hepatitis C virus (HCV) and cannabis use in illicit drug user patients: Questions and implications. European Journal of Gastroenterology and Hepatology 2006;18(10):1039-42.
34. Garcia SG, Yam EA, **Firestone M**. "No party hat, no party:" Successful condom use among sex workers and male clients in Mexico and the Dominican Republic. Reproductive Health Matters 2006;14(28):53-62
35. Frost S, Brouwer K, **Firestone M**, Ramos R, Ramos ME, Lozada R, Magis-Rodriguez C, Strathdee SA. Respondent driven sampling of injection drug users in two U.S.-México border cities: recruitment dynamics and impact on estimates of HIV and syphilis prevalence. Journal of Urban Health. 2006 Nov;83(6 Suppl):i83-97.
36. Strathdee SA, Davila-Fraga W, Case P, **Firestone M**, Brouwer KC, Perez SG, Magis-Rodriguez C, Fraga MA. "Vivo para consumirla y la consumo para vivir" ["I live to inject and inject to live"]: High risk injection behaviors in Tijuana, Mexico. Journal of Urban Health 2005; 82(3); suppl. 4:iv58-73.

PUBLICATIONS – UNDER REVIEW

1. Russell C, **Firestone M**, Kelly L, Fischer B. Prescription Opioid Prescribing, Misuse, Harms and Treatment among Aboriginal people in Canada: A Summary of Available Data and Indicators. Journal of Rural Health, Under Review.

REPORTS

1. Smylie J, **Firestone M**, Allard Y, Demeria J, Prince C, and Spiller T. Our Health Counts Urban Aboriginal Health Database Project Community Report: Métis Adults, City of Ottawa. Métis Nation of Ontario, April 2012.
2. **Firestone M**, Smylie, J, Spiller, M, McShane, K, Prince, C, Siedule, C. Our Health Counts Urban Aboriginal Health Database Project Community Report: Inuit Adults, Tungasuvvingat Inuit Health Team, City of Ottawa. April 2012.
3. Smylie J, Cochran L, **Firestone M**, Prince C, Maracle S, Morley M, Spiller T and McPherson B. Our Health Counts: Urban Aboriginal Health Database Research Project, Community Report First Nations Adults and Children, City of Hamilton. Toronto, Canada April 2011.
4. **Firestone M**, Kalousek K, Fischer B. Canadian Centre on Substance Abuse, Fact Sheet: Crack Cocaine, 2006, available at:
<http://www.ccsa.ca/NR/rdonlyres/2AFC5165-EEBB-42E0-91D1->

5. Lara, D, Goldman, L, **Firestone, M.** Opiniones y Respuestas: Resultados de Una Encuesta de Opinión a Médicos Sobre el Aborto [Opinions and Responses: Results from a Survey on Doctors' Opinions Surrounding Abortion]. The Population Council. 2004.

BOOK CHAPTERS

1. Smylie J and **Firestone M.** *The Health of Indigenous People.* In: Social Determinant of Health – Canadian Perspectives. 3rd Edition. Rapheal D. (Ed). Canadian Scholars Press, In Press.
2. Smylie J, Lofters A, **Firestone M** and O'Campo P. *Population-Based Data and Community Empowerment.* In: Rethinking Social Epidemiology: Towards a Science of Change. Dunn and O'Campo (Eds). Springer Publishing Company, 2012

CONFERENCE PRESENTATIONS

1. Wolfe S and **Firestone M.** Developing and Implementing a Practice-Based Performance Measurement System for SGMTC. Canadian Association of Midwives Conference. Montreal November 4-6, 2015.
2. **Firestone M.** RETRAC: Research on Tobacco Reduction in Aboriginal Communities, 2015 Ministry of Health and Long-Term Care Health System Research Fund (HSRF) Showcase. Toronto February 23, 2015.
3. **Firestone M.** Respondent driven sampling as a tool to develop urban Indigenous population health information: Urban Aboriginal health counts, 2015 Ministry of Health and Long-Term Care Health System Research Fund (HSRF) Showcase. Toronto February 23, 2015.
4. **Firestone M,** Smylie J, Wolfe S, McKnight C. Respondent Driven Sampling (RDS) as a Tool for Urban Aboriginal Health Assessment and Community Engagement in Ontario, Canada International Indigenous Development Research Conference (IIDRC). Auckland NZ November 25-28, 2014
5. O'Campo P, **Firestone M,** and Shankardass K. Plenary session, "The Future of Epidemiology: Toward a Science of Change and Real World Impact". American College of Epidemiology. Silver Springs MD September 8th, 2014.
6. **Firestone M,** Smylie J, Wolfe S, McKnight C. Respondent Driven Sampling (RDS) as a Tool for Urban Aboriginal Health Assessment and Community Engagement

in Ontario, Canada. INIHKD and Manitoba NEAHR Conference 2014.

7. **Firestone M**, Smylie J, Wolfe S, McKnight C, O'Campo P. Respondent driven sampling (RDS) as a tool for urban Aboriginal health assessment and community engagement in Ontario, Canada. International Conference on Urban Health (ICUH). Manchester, UK March 4-7, 2014.
8. **Firestone M**. The Well Living House: Governance Model and Partnerships. Toronto Aboriginal Support Services Council (TASSC) Research Symposium. Toronto, ON March 19-20, 2014.
9. **Firestone M**, Smylie J, Rotondi M. Respondent Driven Sampling as a Tool for Urban Aboriginal Health Assessment. Symposium on Healthy Cities and Communities, Toronto October 24-25, 2013
10. **Firestone M**, Smylie J, Maracle S, Spiller M, De dwa da dehs ney>s Aboriginal Health Access Centre, O'Campo P. Mental Health, Substance Use and Access to Emotional Supports among an Urban First Nations Population in Hamilton, Canada. 140th Annual American Public Health Association Meeting (APHA). San Francisco October 27-31 2012.
11. Smylie J, **Firestone M**, Pigeau L, Allard Y, Prince C. Community Building and Engagement: Lessons Learned from an Urban Métis Health Assessment Canadian Public Health Association (CPHA) Conference. Edmonton Alberta June 11-14 2012
12. SmylieJ, **Firestone M**, Maracle S, Lyons D, Siedule C, McQuire CL, De dwa da dehs nye>s Aboriginal Health Centre, Wejnert C, Nisenbaum R, O'Campo P, Mcpherson C, Prince C.. Our Health Counts Urban Aboriginal Health Database Project: A Successful Community Governed Urban First Nations, Inuit, and Métis Population Based Health Needs Assessment. Fostering Biimaadiziwin. Toronto February 23-24 2011.
13. Smylie J, Firestone, M, Lyons, D, and Pigeau, L. Community Building and Engagement: Lessons Learned from an Urban Métis Health Assessment. American Public Health Association 139th Annual Meeting and Exposition., Washington, United States October 29-November 2, 2011.
14. **Firestone M**, Morley M, Smylie J. Community Concept Mapping and Respondent Driven Sampling: *Methods and Application in an Urban Aboriginal Context* 3rd Annual Urban Aboriginal Strategy Conference Ottawa, Canada 26-27th January 2011.
15. SmylieJ, **Firestone M**, Maracle S, Lyons D, Siedule C, McQuire CL, De dwa da dehs nye>s Aboriginal Health Centre, Wejnert C, Nisenbaum R, O'Campo P, Mcpherson C, Prince C. Respondent Driven Sampling: Successful Recruitment for an Urban

Aboriginal Health Assessment. 138th Annual American Public Health Association Meeting (APHA). Denver, Colorado 6-10 November 2010.

16. Smylie J, **Firestone M**, Omand M, Maracle S, Lyons D, Siedule C, McQuire CL, De dwa da dehs nye>s Aboriginal Health Centre, Mcpherson C, Prince C, O'Campo P. Urban Aboriginal Health Assessment: Using Concept Mapping to Develop a Survey Tool. 22nd Annual Native Health Research Conference Rapid City, South Dakota 27-30 July 2010
17. Smylie J, **Firestone M**, Omand M, Maracle S, Lyons D, Siedule C, McQuire CL, De dwa da dehs nye>s Aboriginal Health Centre, Mcpherson C, Prince C, O'Campo P. Urban Aboriginal Health Assessment: Using Concept Mapping to Develop a Survey Tool. Canadian Public Health Association (CPHA) Centennial Conference, Toronto, Canada 13-16 June, 2010.
18. Smylie J, **Firestone M** and Demeria J. Urban Aboriginal Health Assessment: Using Concept Mapping to Develop a Survey Tool. First Nations and Inuit Health Branch's (FNIHB) 2nd Biennial First Nations, Inuit and Métis Health Research Meeting, Ottawa, Canada 13-14 May 2010.
19. **Firestone M**, Kirst M, Khandor E. What works and why to address concurrent disorders among marginalized populations: Reflections on a community-research partnership to address evidence/action gaps. Building Equitable Partnerships Symposium, Centre for Addiction and Mental Health (CAMH), Toronto, Canada 5-7 November, 2008.
20. **Firestone M**, Hill J, McShane K, Smylie J, O'Campo P. Community and Cultural Resources in Case Management for Aboriginal Populations Who Experience Concurrent Mental Health and Substance Abuse: A Realist Approach to Synthesizing Evidence. 7th International Conference on Urban Health, Vancouver, Canada 19-31 October, 2008.
21. Schaefer-McDaniel N, Khandor E, Clancy S, **Firestone M**, Hill J, Kirst M, Janczur A, McShane K, Murphy K, Nisenbaum R, O'Campo P, Scott A, Smylie J, Tapper M, Zaidi Q. Community-Based Services for Homeless Adults Experiencing Concurrent Mental Health and Substance Abuse Disorders: A Realist Approach to Synthesizing Evidence. 7th International Conference on Urban Health, Vancouver, Canada 19-31 October, 2008.
22. Lozada R, Pollini RA, Patterson TL, Brouwer KC, **Firestone M**, Mantsios A, Case P, Strathdee SA. Meth Moves South: Factors Associated With an Emerging Epidemic of Methamphetamine Injection in the Mexican-U.S. Border City of Tijuana. XVI International AIDS Conference, Toronto, Canada 13-18 August, 2006.
23. Volkow P, Brouwer KC, Ramos R, Lozada R, Garfein R, Magis-Rodríguez C, Loza O, **Firestone Cruz M**, Strathdee SA. Cross-Border Paid Plasma Donation among

Injection Drug Users in Mexican-U.S. Border Cities. XVI International AIDS Conference, Toronto, Canada 13-18 August, 2006.

24. Pollini RA, Brouwer KC, Lozada R, **Firestone M**, Magis-Rodríguez C, Case P, Burris S, Strathdee SA. (2006) Methamphetamine Injection is Independently Associated with Receptive Needle Sharing among Injection Drug Users in Tijuana, Mexico. XVI International AIDS Conference, Toronto, Canada 13-18 August, 2006.
25. Brouwer KC, Lozada R, **Firestone M**, Magis-Rodríguez C, Zúñiga de Nuncio M, Strathdee SA. Deportation along the U.S.-Mexico border: its relation to drug use patterns, HIV testing and access to drug abuse treatment. XVI International AIDS Conference, Toronto, Canada 13-18 August, 2006.
26. Brouwer KC, Lozada R, **Firestone M**, Pollini RA, Magis-Rodríguez C, P C, Burris S, Strathdee SA. Correlates of Shooting Gallery Use among IDUs along the U.S.-Mexico border. XVI International AIDS Conference, Toronto, Canada 13-18 August, 2006.
27. Deiss R, Brouwer KC, Loza O, Lozada R, Ramos R, **Firestone M**, Patterson TL, Magis-Rodríguez C, Strathdee SA. High Risk Sexual and Drug Using Behaviors among Male Injection Drug Users who have Sex with Men in Two Mexico-U.S. Border Cities. XVI International AIDS Conference, Toronto, Canada 13-18 August, 2006.
28. Case P, Ramos R, Brouwer KC, **Firestone M**, Patterson TL, Fraga M, Mantsios A, Strathdee SA. On the Edge: Methamphetamine in Two Mexican-U.S. Border Cities. 17th International Conference on the Reduction of Drug Related Harm (*Abstract Tu.035P*), Vancouver, Canada April 30-May 4, 2006.
29. Ramos R, Lozada R, Brouwer KC, **Firestone M**, Ramos ME, Loza O, Magis-Rodríguez C, Strathdee SA. High Prevalence of Injection Risk Behaviors among Injection Drug Users in two Mexican-U.S. Border Cities. 17th International Conference on the Reduction of Drug Related Harm (*Abstract Mo.07.2*), Vancouver, Canada April 30-May 4, 2006.
30. Brouwer KC, Ramos R, Lozada R, **Firestone M**, Patterson TL, Loza O, Magis-Rodríguez C, Strathdee SA. Drug Use Behaviors associated with Border Crossing among Injection Drug Users along the Mexico/U.S. Border. 17th International Conference on the Reduction of Drug Related Harm (*Abstract Mo.130P*), Vancouver, Canada April 30-May 4, 2006.
31. Kuo I, Brouwer KC, Lozada R, Ramos R, **Firestone M**, Magis-Rodríguez C, Strathdee SA. Drug market perceptions and the effect on injection behaviors among injection drug users in Mexico. 17th International Conference on the Reduction of Drug Related Harm (*Abstract Tu.036P*), Vancouver, Canada April 30-

May 4, 2006.

32. Mantsios A, **Firestone M**, Ramos R, Lozada R, Brouwer KC, Case P, Miller C, Latkin CA, Strathdee SA. Gender Differences in Drug Use Behaviors in two Mexican-U.S. Border Cities. 17th International Conference on the Reduction of Drug Related Harm (*Abstract Mo.128P*), Vancouver, Canada April 30-May 4, 2006.
33. Ramos R, Miller C, **Firestone M**, Burris S, Ramos ME, Case P, Brouwer KC, Fraga M, Strathdee SA. Injecting Drug Users' Experiences of Policing Practices in Two Mexican-U.S. Border Cities. 17th International Conference on the Reduction of Drug Related Harm (*Abstract Mo.115P*), Vancouver, Canada April 30-May 4, 2006.
34. Brouwer, KC, Lozada R, **Firestone M**, Magis-Rodriguez C, Zuniga de Nuncio M, Strathdee SA. Deportation along the U.S.-Mexico border: its relation to drug use patterns, HIV testing and access to drug abuse treatment. NIDA's Research Training Institute, Washington, D.C., April 18-19, 2006.
35. **Firestone M**, Rudzinski K, Fischer B. Crack and Crystal Methamphetamine: Epidemiology, Risk Factors and Social Context. Skills Building Workshop: The Impact of Crack Smoking and Crystal Methamphetamine Use on Hepatitis C Transmission for Drug Users in Ontario, Toronto, Canada, March 22-24, 2006.
36. Brouwer KC, Vela R, Weeks JR, Lozada R, **Firestone M**, Magis-Rodríguez C, Strathdee SA. Using GIS to Study Injection Drug Use Risk Environments along the Mexico/U.S. Border. Annual Meeting of the Association of American Geographers: NIDA/AAG Geography and Drug Addiction Symposium, Chicago, IL March 7-11, 2006.
37. **Firestone M**, Rudzinski K, Fischer B. Crack and Crystal Methamphetamine: Epidemiology, Risk Factors and Social Context. *Street Health Centre Presents: Crack Cocaine & Crystal Meth: New Health Risks in Hepatitis C*, Kingston, Canada, March 6th, 2006.
38. Ramos ME, Lozada R, **Firestone M**, Ramos R, Brouwer KC, Magis-Rodríguez C, Strathdee SA. Prevalencia de VIH, Hepatitis C, y Sífilis entre Usuarios de Drogas Inyectables en dos Ciudades Fronterizas de México. IX Congreso Nacional sobre VIH/SIDA, Oaxaca, Mexico Dec 1-3, 2005.
39. Brouwer KC, **Firestone M**, Lozada R, Magis-Rodríguez C, Strathdee SA. Migration Trends and Drug Treatment Needs among Injection Drug Users in the Mexico/U.S. Border City of Tijuana, Mexico. 4th International Conference on Urban Health, Toronto, Canada Oct 26-28, 2005.
40. **Firestone M**, Brouwer KC, Lozada R, Ramos ME, Magis-Rodríguez C, Strathdee SA. Estimates of HIV, HCV and Syphilis in two Mexican border cities derived from Respondent Driven Sampling: Do Referral Networks Influence Disease

Prevalence? 4th International Conference on Urban Health, Toronto, Canada Oct 26-28, 2005.

41. Fraga MA, Davila-Fraga W, Case PL, Brouwer KC, **Firestone M**, Strathdee SA. Awareness of needle exchange programs among IDUs in Tijuana, Mexico. 3rd International Conference on Urban Health, Boston, Massachusetts, October 20-22, 2004.
42. Strathdee SA, Davila-Fraga W, Case P, **Firestone M**, Brouwer KC, Perez SG, Magis-Rodriguez C, Fraga MA. "Vivo para consumirla y la consumo para vivir" ["I live to inject and inject to live"]: High risk injection behaviors in Tijuana, Mexico. 5th Binational HIV/AIDS Conference, Tijuana Mexico, November 12, 2004
43. Goldman, L, Garcia, SG, Becker, D, **Firestone, M**, Cáceres, F, Ferriera, F, Servin, J. *Understanding Successful Condom Use in Mexico and the Dominican Republic*. 15th Biennial congress of the International Society for Sexually Transmitted Diseases Research, July 27, 2003 Ottawa, Canada.

STUDENT SUPERVISION

Principle Supervisor

Nicole Wemigwans, Masters of Social Work, Wilfred Laurier University, Field of Study: March–August 2015

Co-Supervisor

Julie Kang, Masters of Public Health, Dalla Lana School of Public Health, University of Toronto
Health Promotion Practicum: April –August 2015

Co-Supervisor

Joel Pidutti, Faculty of Medicine, University of Toronto
Determinants of Community Health, Year 2 Self-Initiated Research Project 2013-2014

TEACHING

January 2016-
May 2016

Co-instructor, "Directed Reading: Advanced Methods in Applied Indigenous Health Research" (CHL7001H F1), Dalla Lana School of Public Health, University of Toronto

November 2015

Guest Lecture, "Multidisciplinary Aspects of Addiction" (PAS3700), Collaborative Program in Addiction Studies, Dalla Lana School of Public Health, University of Toronto

March 2015

Guest Lecture, Aboriginal Health Elective, Faculty of Medicine,

September 2013- December 2013	University of Toronto Co-instructor, "Directed Reading: Advanced Methods in Applied Indigenous Health Research" (CHL7001H F1), Dalla Lana School of Public Health, University of Toronto
January 2013- May 2013	Co-instructor, "Social Determinants of Health in a Global Context: Theories and Methods" (NUR1038H) Bloomberg School of Nursing, University of Toronto
January 2013- May 2013	Guest Lecture, "Directed Reading: Advanced Methods in Applied Indigenous Health Research" (CHL7001H), Dalla Lana School of Public Health, University of Toronto

AWARDS

2012-2014	CIHR Post-doctoral Fellowship-Priority Announcement: Institute for Aboriginal People's Health
2012	Population Health Improvement Research Network (PHIRN) Ontario Doctoral Student in Population Health Award
2007-2010	Canada Graduate Scholarship (CGS) Doctoral Scholarship, Social Science and Humanities Research Council of Canada (SSHRC)
2009	Conference Travel Award, School of Graduate Studies, University of Toronto
2007-2008	Community Research Capacity Enhancement Program (CRCEP) Award, Centre for Addiction and Mental Health (CAMH)
2005	Employee Incentive award from University of California San Diego (UCSD), Department of Family and Preventive Medicine
2001	Stora Undergraduate Scholarship in Arts and Sciences, Dalhousie University
1997	Entrance Guaranteed Scholarship, Dalhousie University

PPROFESSIONAL REFEREEING

2015	Reviewer, Journal of Circumpolar Health
2015	Reviewer, Transcultural Psychiatry
2014-2015	Reviewer, Journal of Health Care for the Poor and Underserved
2013	Reviewer, GENUS Journal of Population Science
2012	Reviewer, AIDS and Behavior
2010	Reviewer, Addiction

PROFESSIONAL MEMBERSHIPS

Executive Committee, CRICH

Canadian Public Health Association

American Public Health Association

International Society of Urban Health

Population Health Improvement Network (PHIRN)