



BRITISH COLUMBIA
CENTRE *for* EXCELLENCE
in HIV/AIDS



**Providence
Health Care**

BC CENTRE FOR EXCELLENCE IN HIV/AIDS

KEY OUTPUTS, RESEARCH, POLICY & INNOVATION

REPORTING PERIOD 2025 - Q4 | JANUARY 1 - MARCH 31



“I think the biggest part of respect, is seeing somebody’s humanity and understanding that they’re a person and that a lot of the things they’re bringing to the table are a reflection of all these different past experiences. And being able to honour that and sit with that.”

- DR. JACOB SUSSMAN discussing care delivery at Hope to Health during the March 9, 2026 episode of the Addiction Practice Pod “Respectful Engagement in Substance Use Care” alongside Peer Support Specialist Chad Ellsworth.

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GRANTS, AWARDS & FUNDING

BC-CfE 2025 QUARTERLY REPORT | Q4

Dr. Anh Khoa Vo

Poster Winner

12th Annual Postdoctoral Fellow Research Day

Simon Fraser University



PRESENTATIONS & EDUCATIONAL SESSIONS

PRESENTATIONS & EDUCATIONAL SESSIONS

BC-CfE Journal Clubs

Utilizing HIV Proviral DNA to Assess for the Presence of HIV Drug Resistance

Dr. Anika Shahid
January 8, 2026

IV Cefazolin Plus Oral Probenecid vs Oral Cephalexin for Skin and Soft Tissue Infections

Dr. Natalie Jahnke
February 19, 2026

Exploring the Design, Development, and Implementation of Community-based Health Service Provision

Alannah Hannigan and Sarah Kelly
March 12, 2026

HIV/AIDS Webinar Learning Series

Cognitive Assessment & Rehabilitation for Substance Use

Dr. Ashok Krishnamoorthy, Caitlin Croft and Jessie Koop
January 21, 2026

Antimicrobial Stewardship

Dr. Victor Leung
February 18, 2026

Pharmacovigilance

Sandra Chang
March 11, 2026

BC-CfE Hope to Health Learning Series

From Chill to Ill: The Highs and Lows of Cannabis Smoking

Dr. Janice Leung
January 28, 2026

PRESENTATIONS & EDUCATIONAL SESSIONS

PRESENTATIONS & EDUCATIONAL SESSIONS

Uprooting Pharmacy: Bringing Together Traditional and Western Medicines

Jason Min and Larry Leung
March 5, 2026

External Presentations

Molecular epidemiology to end HIV transmission in BC and Canada

Genome British Columbia
Dr. Jeffrey Joy
January 6, 2026

Long-term phylogenetic monitoring reveals progressive fragmentation and suppression of HIV transmission networks in British Columbia, Canada

Public Health Agency of Canada
Dr. Jeffrey Joy
January 12, 2026

HIV transmission in British Columbia: insights from Q4 2025 phylogenetic monitoring

BC Community of Practice for Phylogenetic Monitoring Committee
Dr. Jeffrey Joy
January 29, 2026

HIV Molecular Epidemiology in Saskatchewan: 2025 annual insights

Saskatchewan Community of Practice for Phylogenetic Monitoring Committee
Dr. Jeffrey Joy
February 12, 2026

HIV and the SHAPE Study

HIMformation Session

Farnaz Azarmju, Tim Wesselling and
Antonio Marante

February 26, 2026

**Prolonged HIV DNAemia caused by a
massively-expanded CD4+ T-cell clone**
REACH NIH Martin Delaney HIV Cure
Collaboratory seminar series

Dr. Zabrina Brumme

February 27, 2026

**Beyond Clinical Markers: How Structural
Vulnerability Impacts Survival in People
Living with HIV in BC**The 12th Annual Postdoctoral Fellow
Research Day, Simon Fraser University
Dr. Anh Khoa Vo
March 12, 2026**The BC Centre for Excellence in HIV/AIDS
Laboratory: translational research to advance
HIV prevention, treatment and cure**
Pacific Institute on Pathogens, Pandemics
and Society seminar series

Dr.Zabrina Brumme

March 26, 2026

1: Montaner JSG, Hogg RS, Lewis SH. Le Canada doit intervenir afin de prévenir la régression des progrès réalisés pour lutter contre le VIH/sida. *CMAJ*. 2026 Mar 1;198(8):E308-E310. French. doi: 10.1503/cmaj.251245-f. PMID: 41771570; PMCID: PMC12948460.

2: Omondi FH, Sang Y, Dong W, Mwimanzu F, Cheung PK, Barad E, Derza Z, Anderson K, Shahid A, Mysak V, Lima VD, Hull M, Brumme CJ, Harris M, Montaner JSG, Guillemi S, Brockman MA, Brumme ZL. Non-suppressible HIV viremia sustained by clonally expanded CD4+ T cells harboring a genomically defective provirus with an immune-evasive protein expression profile. *mBio*. 2026 May 13;17(5):e0390925. doi: 10.1128/mbio.03909-25. Epub 2026 Mar 30. PMID: 41910264; PMCID: PMC13170330.

3: Montaner JSG, Granich R, Williams B, Shangase S, Hogg RS. Inaction against HIV/AIDS remains a crime against humanity. *Sex Transm Infect*. 2026 Jan 27;sextrans-2025-056807. doi: 10.1136/sextrans-2025-056807. Epub ahead of print. PMID: 41593005.

4: Duailibe F, Hull M, Montaner J, Purdie A, Lima VD. Overdose risk in the context of chemsex among gay, bisexual, and other men who have sex with men. *Harm Reduct J*. 2026 Feb 6;23(1):50. doi: 10.1186/s12954-026-01410-4. PMID: 41652581; PMCID: PMC12977596.

5: Kooij KW, Trevorrow R, Muirhead M, Ding E, Tam C, Marziali ME, Budu MO, Cunningham NE, Cardinal C, Emerson SD, Salters KA, Montaner JSG, Hogg RS. Leaving the emergency department before treatment completion among people with and without HIV with a suspected overdose in British Columbia, Canada. *AIDS Care*. 2026 Apr;38(4):752-764. doi: 10.1080/09540121.2025.2611068. Epub 2026 Jan 14. PMID: 41532772.

6: Guo M, Budu M, Trigg J, Shen T, Hogg R, Wiseman SM. Patients living with HIV in the modern era: Postoperative outcomes and healthcare utilization. *Am J Surg*. 2026 Jun;256:116918. doi: 10.1016/j.amjsurg.2026.116918. Epub 2026 Mar 6. PMID: 41819761.

7: Lima VD, Zhu J, Shen T, Trigg J, Guillemi S, Hogg RS, Salters KA, Montaner JSG. Forecasting multimorbidity in aging people with HIV using a microsimulation model. *Commun Health*. 2026;1(1):7. doi: 10.1038/s44528-026-00004-7. Epub 2026 Jul 2. PMID: 42428988; PMCID: PMC13347798.

8: Jones BR, Brumme ZL, Hunter E, Joy JB. Getting to the root of HIV transmitted founder virus sequences. *Virus Evol*. 2026 Apr 20;12(1):veag025. doi: 10.1093/ve/veag025. PMID: 42110881; PMCID: PMC13155111.

9: Nguyen L, Sereda P, Lu M, Kooij KW, Marziali ME, Salters KA, Wang L, Montaner JSG, Toy J, Emerson SD. Enhancing identification of suspected unregulated drug toxicity deaths in administrative health records: a case study among people with HIV in British Columbia, Canada. *BMC Public Health*. 2026 Mar 26;26(1):1457. doi: 10.1186/s12889-026-27082-0. PMID: 41882623; PMCID: PMC13141403.

10: Foncham J, Azarmju F, Shen T, Salters K, Trigg J, Barrios R, Hogg RS, Moher M, Selfridge M, Kling R, Arora K, Wesseling T, Changir AM, Montaner JSG, Moore DM. Individual characteristics and time-updated factors associated with antiretroviral treatment interruptions among people living with HIV in British Columbia, Canada. *HIV Med*. 2026 Apr;27(4):585-596. doi: 10.1111/hiv.70188. Epub 2026 Jan 6. PMID: 41494683.

11: Clark J, Shen T, Weir L, Salters K, Trigg J, Foncham J, Barrios R, Wesseling T, Marante Changir A, Moore DM. Psychosocial and structural factors and changes in quality of life measures among people living with HIV in British Columbia, Canada. *AIDS Care*. 2026 Feb 26:1-11. doi: 10.1080/09540121.2026.2633288. Epub ahead of print. PMID: 41742799.

12: Paulson AR, Montoya V, Joy JB. Functional Genomic Evidence for Candidate Small Viral RNA-Mediated Epigenetic Interference in SARS-CoV-1 and SARS-CoV-2. *Comput Struct Biotechnol J*. 2026 Jul 2;35(1):0148. doi: 10.34133/csbj.0148. PMID: 42395897; PMCID: PMC13323714.

13: Yazdani K, Tam C, Fisher CC, Emerson SD, Trigg J, Kooij KW, De Vera MA, Vila-Rodriguez F, Hogg RS, Montaner JSG, Lima VD. A methodological framework for constructing opioid agonist therapy episodes in administrative health data. *BMC Methods*. 2026;3(1):11. doi: 10.1186/s44330-026-00064-9. Epub 2026 Mar 12. PMID: 41836062; PMCID: PMC12979340.

14: Tiwana A, Twohig KA, Fraser M, Kinniburgh B, Burmeister C, Choislil P, Haywood E, Griffith D, Xavier CG, Hannigan A, Salters K, Bartlett SR. Sexually transmitted and bloodborne infections testing among people who use substances: findings from the 2023 British Columbia Harm Reduction Client Survey. *BMC Infect Dis*. 2026 Feb 23;26(1):660. doi: 10.1186/s12879-026-12924-4. PMID: 41731436; PMCID: PMC13032479.

15: Kelly SE, Ajidahun A, Bytelaar S, Ding E, Fulton C, Harris M, Sykes G, Ly J, Barrios R, Hull MW, Montaner JSG, Salters K. Beyond direct-acting antiviral therapy: Characterizing mental health conditions and depressive symptoms among patients recently treated for hepatitis C. *PLoS One*. 2026 Mar 17;21(3):e0344862. doi: 10.1371/journal.pone.0344862. PMID: 41843562; PMCID: PMC12994791.

16: Azar P, Li VW, Nikoo M, LaBranche J, Wong JSH, Machado J, To T, Hawamdeh AA, Ignaszewski MJ, Herring AA, Vogel M, Kehoe L, Raheemullah A, Fitzgerald R, Krausz RM, Montaner JSG, Maharaj AR. 24-48 h initiation by transdermal buprenorphine for the treatment of opioid use disorder in the inpatient setting: a retrospective chart review. *Addict Sci Clin Pract*. 2026 Mar 13;21(1):30. doi: 10.1186/s13722-026-00657-3. PMID: 41827034; PMCID: PMC13020101.

17: Yonkman AM, Emerson SD, Sereda P, Bacani N, Toy J, Lima VD, Montaner JSG. Identifying Subgroups of People Living With HIV in British Columbia, Canada Based on Sexually Transmitted and Blood-Borne Infection Testing and Diagnostic Laboratory Data: A Retrospective Cohort Study. Health Sci Rep. 2026 Feb 26;9(3):e71801. doi: 10.1002/hsr2.71801. Erratum in: Health Sci Rep. 2026 Aug 19;9(8):e73065. doi: 10.1002/hsr2.73065. PMID: 41767358; PMCID: PMC12936493.

18: Lima VD, Hussain SS, Yan J, Copp E, Hull M, Budu M, Duailibe F, Trigg J, Leung V, Phillips P, Guillemi S, Hogg RS, Montaner JSG. Incidence of Herpes Zoster Infection (Shingles) Among Adults Living With and Without HIV in British Columbia, Canada: A Population-based Study. J Infect Dis. 2026 Aug 3;234(1):e69-e80. doi: 10.1093/infdis/jiag118. PMID: 41805836; PMCID: PMC13431671.

BC-CfE Drug Treatment Program Monthly Report

January 2025 (released in March 2026)

February 2025 (released in March 2026)

March 2025 (released in March 2026)

SHAPE Study Newsletter

February 2026



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