

CURRICULUM VITAE

Hartmut B. Krentz, Ph.D

Departments of Anthropology and Medicine

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Education

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|---------------------|---|
| PhD (Anthropology) | University of Washington, Seattle, Washington
Awarded: June 1993 |
| B.A. (Anthropology) | San Jose State University, San Jose, California
Awarded: June 1981 |

Positions Held

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|-----------------|---|
| 1999 to present | Project Director/Research Co-ordinator
Southern Alberta Clinic for HIV/AIDS
Faculty of Medicine/University of Calgary
Calgary, Alberta |
| 1998 to present | Adjunct Assistant Professor
Department of Anthropology
University of Calgary, Calgary, Alberta |
| 2006 to 2007 | Sessional Instructor
Department of Behavioural Science
Mount Royal College, Calgary, Alberta |
| 1996 to 1999 | Principal Investigator
Hutterite Cystic Fibrosis Study
Calgary, Alberta |
| 1997 to 1998 | Sessional Instructor
Departments of Anthropology & Archaeology
University of Calgary, Calgary, Alberta |
| 1995 to 1997 | Assistant Professor
Archaeology Unit
Memorial University of Newfoundland
St. Johns, Newfoundland |

1994 to 1996	<p>Researcher Hutterite Heart Health Survey Departments of Anthropology/Nursing University of Victoria, Victoria, B.C.</p>
1991 to 1995	<p>Visiting Assistant Professor/Instructor Department of Anthropology University of Victoria, Victoria, B.C.</p>

Professional Affiliations and Positions

1999 to present	<p>Member AIDS and Anthropology Research Group</p>
1996 to 1998	<p>Executive Member-at-Large Canadian Anthropology Association</p>
1997	<p>Programme Director Canadian Anthropology Association Annual Meetings</p>
1995 to date	<p>Member Canadian Anthropology Association</p>
1988 to 1993	<p>Member American Association of Physical Anthropologists</p>

Administrative Positions

2003 to present	<p>Peer Reviewer <i>Canadian Medical Association Journal</i> <i>HIV Medicine</i> <i>Journal of Acquired Immune Deficiency Syndromes</i> <i>AIDS Care</i> <i>AIDS Research and Therapy</i></p>
1996 to 1997	<p>First-Year Student Faculty Advisor Department of Anthropology Memorial University of Newfoundland</p>

1996 to 1997

Faculty of Arts Representative, Academic Council
School of Nursing
Memorial University of Newfoundland

Peer Reviewed Publications

Krentz HB and Gill MJ The Effect of Churn on 'Community Viral Load' (CVL) in a well defined regional population. *JAIDS* 2013 *In press*

Siemieniuk RAC, Krentz HB, Miller P, Woodman K, Gill MJ The clinical implications of high rates of intimate partner violence against HIV-positive women *JAIDS In press*

Rebeiro P, Althoff KN, Buchacz K, Gill J, Horberg M, Krentz H et al. Retention among North American HIV-Infected Persons in Clinical Care, 2000-2008. *JAIDS* 2013; 62(3): 356-362.

Krentz HB, Cosman I, Lee K, Mah Ming J, Gill MJ Pill burden in HIV infection: 20 years of experience. *Antiviral Therapy* 2012; 17(5):833-840.

Siemieniuk RAC, Miller P, Woodman K, Ko, Krentz HB, Gill MJG Prevalence, clinical associations, and impact of intimate partner violence among HIV-infected gay and bisexual men: a populational study. *HIV Medicine* 2012 DOI:10.1111/hiv 12005 (2012)

Krentz HB, Cosman I, Lee K, Mah Ming J, Gill MJ 2012 Pill Burden in HIV infection: 20 years of experience. *Antiviral Therapy* 17(5):833-840.

Krentz HB, Gill MJ 2012 The Direct Medical Costs of Late Presentation (<350/mm³) of HIV Infection over a 15-year period. *AIDS Research and Treatment* Volume 2012, Article ID 757135. doi:10.1155/2012/757135

Krentz HB, Gill MJ 2011 Comparison of healthcare costs between local and immigrant HIV populations living in Southern Alberta, Canada. *Health Policy* 103(2-3):124-129

Krentz HB, Worthington H, Gill MJ 2011 Adverse Health Effects for Individuals who Move Between HIV Care Centers. *JAIDS* 57(1):51-54.

Siemieniuk RAC, Krentz HB, Gish JA, Gill MJ 2010 Domestic Violence Screening: Prevalence and Outcomes in a Canadian HIV Population. *AIDS Patient Care and STDs* 24(12):763-770.

Krentz HB, Gill MJ 2010 Monitoring and adjusting for future needs in response to changing HIV policies. *Lancet ID* 10:671-672.

- Krentz HB, Gill MJ 2010 Despite CD4 cell count rebound the higher initial costs of medical care for HIV-infected patients persist 5 years after presentation with CD4 cell counts less than 350. *AIDS* 24(17):2750-2753.
- Vivithanapron P., Heo G, Gamble J, Krentz HB, Hoke A, Gill MJ, Power C 2010 Neurologic disease burden in treated HIV/AIDS predicts survival: a population-based study. *Neurology* 75:1150-1158.
- Lee K, Vivithanapron P, Siemieniuk R, Krentz HB, Maingat F, Gill MG, Power C. 2010 Clinical outcomes and immune benefits of anti-epileptic drug therapy in HIV/AIDS *BMC Neurology* 10:44
- Krentz, HB, Gill MJ 2009 The five year impact of an evolving global epidemic, changing migration patterns, and policy changes in a regional Canadian HIV population. *Health Policy* 90:296-302.
- Gill MJ, Krentz HB 2009 Unappreciated epidemiology: the churn effect in a regional HIV care programme. *International Journal of STD and AIDS* 20:540-544.
- Krentz, HB, Gill MJ 2008 Cost of medical care for HIV infected patients within a regional population from 1997 to 2006. *HIV Medicine* 9:721-730.
- Krentz HB, Siemieniuk RA, Gill MJ 2007 Similar Challenges with Retention in Care Issues. *Clinical Infectious Diseases* 45(1 December); 1527.
- Krentz HB, Gill MJ 2007 Impact of Expanded HIV Screening. *Annals of Internal Medicine*; 147(2):146.
- Gill MJ, Krentz HB 2006 Cost Implications recent treatment interruption studies. *AIDS* 20(17):2239-2240.
- Yeung H, Krentz HB, MJ Gill, Power C 2006 Neuropsychiatric disorders in HIV infection: Impact of diagnosis on economic cost of care. *AIDS* 20:2005-2009
- Krentz HB, Dean S, Gill MJ 2006 Longitudinal assessment (1995-2003) of hospitalizations of HIV-infected patients within a geographical population in Canada. *HIV Medicine* (2006); 7:457-466.
- Lampe FC, Gatell J, Staszewski S, Johnson MA, Pradier C, Gill MJ, de Lazzari E, Dauer B, Youle M, Fontas E, Krentz HB, Phillips AN 2006 Changes over time in risk of initial virological failure of combination antiretroviral therapy. A multi-cohort analysis, 1996 to 2002. *Archives of Internal Medicine* 2006;166:521-528.

- Petersen JA, Jones G, Worthington C, Krentz HB, Keppler OT, Hoke A, Gill MJ, Power C Sensory neuropathy in Human Immunodeficiency Virus/Acquired Immunodeficiency Syndrome Patients: Protease Inhibitor-Mediated Neurotoxicity. *Annals of Neurology* 2006;59:816-824.
- Krentz, H.B., M.J. Gill 2005 Impact of Practice Changes on an Antiretroviral Budget in a HIV Care Program. *Disease Management and Health Outcomes*. 13(3):209-217.
- Krentz, H.B, Kliewer G. Gill MJ 2005 Changing Mortality Rates and Causes of Death for HIV-infected individuals in southern Alberta from 1984-2003. *HIV Medicine* 6;99-106.
- Worthington, C and HB **Krentz** 2005 Socio-Economic Factors and Health-Related Quality of Life (HRQOL) in Adults Living with HIV. *Inter J. Std's & AIDS* 16:608-614.
- Pandya R, HB **Krentz**, MJ Gill, C. Power 2005 HIV-Related Neurological Syndromes Reduce Health Related Quality of Life. *Canadian Journal of Neurological Sciences* 32:201-204.
- Krentz**, H.B, M.J. Gill 2004 The high cost of medical care for patients who present late with HIV infection. *HIV Medicine* 5(2):93-98.
- Krentz**, H.B., M.C. Auld, M.J. Gill 2003 Changing direct costs of medical care for HIV/AIDS (1995-2001) *Canadian Medical Association Journal* 169(2):106-110.
- Krentz**, H.B. and M.J. Gill 2003 The Impact in HIV-1 Infected Patients of Treatment Interruptions on Health-Related Quality of Life. *AIDS* 17(4):631-633.
- Krentz**, H.B. 1997 Book Review of **Aboriginal Health in Canada. Historical, Cultural, and Epidemiological Perspectives**. Waldram, J., A. Herring, and T.K. Young (eds). In Canadian Historical Review, March 1997.
- Krentz**, H.B. 1993 The Forelimb Anatomy of *Theropithecus brumpti* and *Theropithecus oswaldi* from the Shungura Formation, Ethiopia. University of Washington. Unpublished Dissertation.
- Krentz**, H.B. 1993 The Postcranial Anatomy of Extant and Extinct Species of *Theropithecus*. In, Jablonski, N. (ed.), **Theropithecus: The Rise and Fall of a Primate Genus**. Cambridge University Press.
- Rensberger, J.M. & H.B. **Krentz** 1988 Microscopic Effects of Predator Digestion on the Surfaces of Bones and Teeth. Scanning Microscopy. Vol. 2, No.3
- Krentz, H.B. 1983 The Paleopathology of CA-ALA-342. In, Jurmain, R. (ed.), **The Skeletal Biology of CA-ALA-342**. Coyote Press: Salinas, CA.

Peer Reviewed Published Abstracts

Navia, D, **Krentz HB** Voices through Photography: Understanding the experiences of persons living with HIV/AIDS in assisted care in Calgary. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 22, Suppl B. Summer 2011 Abstract #P260

Krentz HB, Gill MJ Safe or not so safe? Unprotected sexual activity in an HIV infected population . *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 21, Suppl B. Summer 2010 Abstract #P253.

Krentz HB, Gill MJ Sex in the SAC: who is doing it and who is not? Sexual Activity within a regional HIV infected population in regular care. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 21, Suppl B. Summer 2010 Abstract #P252.

Vivithanapron P, Nelles K, DeBlock L, **Krentz HB**, Newman S, Houston S, Gill MJ, Power C. HCV co-infection exacerbates HIV neuropathogenesis: increased seizure frequency and neurocognitive impairment. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 21, Suppl B. Summer 2010 Abstract #P180.

Siemieniuk AC, Krentz HB, Gish JA, Gill The Prevalence of domestic abuse within a regional HIV Population. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 21, Suppl B. Summer 2010 Abstract #O088.

Krentz HB, Gill MJ Continuing high cost from late presenters with H IV infection. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 19, Suppl A. March/April 2008; Abstract #P190.

Gill MJ, Kellner J, **Krentz HB** Pneumococcal Infection in the HAART Era: Prevention and Costs. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 19, Suppl A. March/April 2008; Abstract #P191

Lee K, **Krentz HB**, Gill MJ, Power C Antiepileptic drug usage in HIV/AIDS Patients: Indication, frequency, type, and safety in a centralized community –based clinic. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 19, Suppl A. March/April 2008; Abstract #P192

Burroughs N, **Krentz HB**, Gill MJ HBV Therapy in HIV/HBV Co-infected Persons. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 19, Suppl A. March/April 2008; Abstract #P178

Krentz HB, Gill MJ Influx and Efflux: Migration Patterns In and Out of a Regional HIV/AIDS Care Center. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol.

19, Suppl A. March/April 2008; Abstract #P205

Hawker J, Mah Ming J, **Krentz HB**, Herrick J, Gill MJ Antiretroviral discontinuation due to adverse effects in a population-based HIV/AIDS treatment database. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 19, Suppl A. March/April 2008; Abstract # P173

Smithson SL, Snider JJ, **Krentz HB**, Gill MJ Initiatives implemented to improve the utilization of nutrition services by HIV-infected patients followed at a regional HIV Center. *Journal of the American Dietetic Association* Volume 107, Number 8. August 2007; A-33.

Krentz HB, MJ Gill Continuous versus non continuous antiretroviral therapy in a 'real world' regional HIV population. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 18, Suppl B. March/April 2007; Abstract #P175.

Krentz HB, MJ Gill The holiday is not a holiday: the negative effect of non-continuous antiretroviral therapy on health related quality of life (HRQOL) *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 18, Suppl B. March/April 2007; Abstract #P176.

Borroughs N, **Krentz HB**, Gill MJ HBV/HIV Co-infection in a regional HIV clinic. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 18, Suppl B. March/April 2007; Abstract #P147.

Gill MJ, **Krentz HB** Could the reason for HIV Testing be a prognostic marker? A preliminary study. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 18, Suppl B. March/April 2007; Abstract #P166.

Latimer DL, **Krentz HB**, MJ Gill HC/HIV Co-infection. Will new therapies impact our outcomes? *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 18, Suppl B. March/April 2007; Abstract #P177.

Krentz HB, Gill MJ 2006 The Clinical and Economic Effects of Conducting Research With a Clinical Setting. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 17, Suppl A. March/April 2006; Abstract #213.

Smithson S, Snider J, Krentz HB, Gill J, Proctor C Underutilization of nutritional resources by HIV-infected patients followed at a regional HIV Centre. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 17, Suppl A. March/April 2006; Abstract #250P.

- Mah Ming JB, Krentz HB, Snider J, Gill J Clinical Experience in using Abacavir + Lamivudine + Zidovudine (Triziver) for Initial Therapy and for HAART Simplification. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 17, Suppl A. March/April 2006; Abstract #246P.
- Krentz HB and Gill MJ 2006 Clinical, Demographic, and Health Resource Utilization Characteristics of HIV-Infected sub-Saharan Immigrants and Refugees Followed at the Southern Alberta Clinic. *Journal of Infectious Diseases and Medical Microbiology*. Vol. 16, Suppl A. March/April 2006; Abstract #255P.
- Lee K, Krentz HB, Gill MJ 2006 Evaluating the Cost and Characteristics of Antiretroviral Wastage in a Regional HIV/AIDS Care Program. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 16, Suppl A. March/April 2006; Abstract #256.
- Krentz HB, Gill MJ 2005 Discontinuing or Modifying HAART Regimens. *Canadian Journal of Infectious Diseases and Medical Microbiology*. Vol. 16, Suppl A. March/April 2005; Abstract #185.
- Krentz HB, Gill MJ 2005 The Impact of Multiple AIDS defining Illnesses on the Morbidity and Mortality of HIV Infected Individuals. *Canadian Journal of Infectious Diseases and Medical Microbiology* Vol. 16, Suppl A. March/April 2005; Abstract #282P.
- Lee K, Gill MJ, Krentz HB, Klein A. et.al. 2005 Dual Therapy in the Era of Triple Therapy. *Canadian Journal of Infectious Diseases and Medical Microbiology* Vol. 16, Suppl A. March/April 2005; Abstract #289P.
- Gill MJ, Krentz HB, Henry MG The Cost of Virologic Failure 2005 *Canadian Journal of Infectious Diseases and Medical Microbiology* Vol. 16, Suppl A. March/April 2005; Abstract #329P.
- DeForest JS, Snider J, Krentz HB, Gill MJ 2005 Access to Initial Care: Retrospective Review of Initial Visits to a Regional HIV Centre. *Canadian Journal of Infectious Diseases* Vol. 16, Suppl A. March/April 2005; Abstract #367P
- Krentz HB, Gill MJ 2004 Significant recent shifts in the admitting diagnosis for hospitalisations of HIV infected patients and its impact on total HIV care costs. *Canadian Journal of Infectious Diseases*. Vol. 15, Suppl A. March/April 2004; Abstract #338P.
- Worthington C, Krentz HB 2004 Employment status, level of income and quality of life in people living with HIV. *Canadian Journal of Infectious Diseases*. Vol. 15, Suppl A. March/April 2004; Abstract #401.

- Krentz HB, Gill MJ 2004 The Impact of AIDS on the direct costs of Medical care since the introduction of HAART. *Canadian Journal of Infectious Diseases*. Vol. 15, Suppl A. March/April 2004; Abstract #337P.
- Gill MJ, Krentz HB 2004 Followed but not on Antiretroviral (ARV) Treatment: The Naïve Hidden 'Cohort'. *Canadian Journal of Infectious Diseases*. Vol. 15, Suppl A. March/April 2004; Abstract #311.
- Mah Ming JB, Lee MKY, Krentz HB, Gill MJ 2004 An Evaluation of the Prevalence, Patterns, and Reasons for Using Complementary and Alternative Medicine (CAM) Usage among HIV Infected Patients. *Canadian Journal of Infectious Diseases*. Vol. 15, Suppl A. March/April 2004; Abstract #258P.
- Gill MJ, Krentz HB 2004 Changing Mortality Rate and Causes of Death in an HIV Infected Population in Southern Alberta (1985-2003). *Canadian Journal of Infectious Diseases*. Vol. 15, Suppl A. March/April 2004; Abstract #224.
- Krentz, H.B, R. Pandyi, C. Power, MJ Gill 2003 Health Related Quality of Life (HRQOL) in HIV Infected Patients Diagnosed with Neurological Disorders. *Canadian Journal of Infectious Diseases*. Vol. 14, Suppl A. March/April 2003; Abstract #178P.
- Krentz, H.B, MJ Gill 2003 The Impact of Highly Active Antiretroviral Drug Therapy (HAART) on Hospitalisation Rates in Southern Alberta, Canada from 1995 to 2001. *Canadian Journal of Infectious Diseases*. Vol. 14, Suppl A. March/April 2003; Abstract #235P.
- Gill, MJ, HB Krentz, M.Henry, W Van der Vleit 2003 Post Licensing Use of Nelfinavir in Southern Alberta. *Canadian Journal of Infectious Diseases*. Vol. 14, Suppl A. March/April 2003; Abstract #183P.
- Krentz, H.B., M.J. Gill, HIV Economic Study Group 2002 Economic and Budgetary Implications of a Decreasing Interest in Initiating Early Antiretroviral Therapy Seen Over a 7 Year Period (1995-2001). *Canadian Journal of Infectious Diseases*. Vol. 13, Suppl A. March/April 2002; Abstract #440P.
- Krentz, H.B., M.J. Gill, HIV Economic Study Group 2002 Effect of Treatment Interruptions on Health-Related Quality of Life in HIV Positive Patients. *Canadian Journal of Infectious Diseases*. Vol. 13, Suppl A. March/April 2002; Abstract #314.
- Krentz, H.B., M.J. Gill, HIV Economic Study Group 2002 Changing Sustainability of Initial Antiretroviral Therapy (1995-2000). *Canadian Journal of Infectious Diseases*. Vol. 13, Suppl A. March/April 2002; Abstract #212.

- Krentz, H.B., M.J. Gill, C. Henry, C. Donaldson, and C.Auld. 2001 Health Related Quality of Life outcomes associated with decreasing CD4 counts in HIV positive patients in the modern era of HAART. *Canadian Journal of Infectious Diseases*. Vol. 12, Suppl B. May/June 2001; Abstract #448P.
- Krentz, H.B., C. Donaldson, MJ Gill, M. Weber and C. Auld. 2001 Cost of Antiretroviral drugs before and after the introduction of HAART. *Canadian Journal of Infectious Diseases*. Vol. 12, Suppl B. May/June 2001; Abstract #447P.
- Auld, C., C. Donaldson, MJ Gill, H. Krentz and M. Weber. 2001 Health, Life Expectancy, and Labour Market Outcomes: The Case of HIV. *Canadian Journal of Infectious Diseases*. Vol. 12, Suppl B. May/June 2001; Abstract #470P.
- Krentz, H.B.,G.G. Eck 1989 Morphological and Size Variation in Species of *Theropithecus*. *American Journal of Physical Anthropology*. 78(2):256.
- Krentz, H.B. 1988 The Femur of *Theropithecus*: evidence for the appearing of shuffling behaviour. *American Journal of Physical Anthropology*_75(2):234.
- Rensberger, J.M. & H.B. Krentz 1987 Effects of Predator Digestion on the Microsurfaces of Bones and Teeth. *American Journal of Physical Anthropology*_74(2):233.