



The Canada-UK HIV and Rehabilitation Research Collaborative
(CUHRRC) presents:

**A Road Map on HIV and Rehabilitation Research at the
23rd Annual Canadian Conference on HIV/AIDS
Research (CAHR 2014)**

May 1st - 4th, 2014

Delta St. John's Hotel and Conference Centre, St. John's, NL



Introduction on HIV and Rehabilitation

With more people living longer since diagnosis, HIV is now considered a chronic illness in developed countries such as Canada and the United Kingdom (UK). People living with HIV are aging with health challenges of HIV, comorbidities and the side effects of treatment. Individuals may experience a range of health-related challenges known as disability, including symptoms and impairments (e.g. fatigue, weakness, pain), difficulties with day-to-day activities (e.g. household chores), challenges to social inclusion (e.g. ability to work) and uncertainty or worrying about future health as they age.

Rehabilitation is broadly defined as any service or health provider that may address or prevent impairments, activity limitation or social participation restrictions experienced by an individual. The field of HIV and rehabilitation research is evolving to meet the current needs of people living with HIV, with Canada, the UK, Ireland and the United States of America (USA). Evidence suggests that rehabilitation has the potential to improve health and quality of life outcomes for people living with HIV.

The Canadian Working Group on HIV and Rehabilitation (CWGHR)

www.hivandrehab.ca

The CWGHR is a national, multi-sectoral organization whose aim is to improve the lives of people living with HIV by advancing HIV rehabilitation, care, treatment and support. CWGHR works to bridge the traditionally separated worlds of HIV, disability and rehabilitation to promote quality of life through rehabilitation research, education and cross-sector partnerships.

Canada-United Kingdom HIV and Rehabilitation Research Collaborative (CUHRRC)

www.cuhrrc.hivandrehab.ca

CUHRRC is an international research collaborative comprised of researchers, clinicians, representatives from AIDS service organizations, policy stakeholders and people living with HIV from Canada, the UK, Ireland and USA. The aim of the collaborative is to build on the enthusiasm of individual members to facilitate the advancement of research ideas and activities related to HIV and rehabilitation research. CUHRRC believes that forming partnerships and exchanging knowledge is the first step in building a synergy between the established clinical HIV knowledge in the UK and the strong HIV research foundation in Canada. In 2013, CUHRRC and CAHR announced a formal partnership. The aim of this partnership is to increase the awareness and translation of HIV and rehabilitation research.

International Forum on HIV and Rehabilitation Research

<http://www.hivandrehab.ca/EN/AGM2013/index.php>

In June 2013, CUHRRC in collaboration with CWGHR held the first ever *International Forum on HIV and Rehabilitation Research* in Toronto. The aim of the Forum was to identify new and emerging research priorities in HIV, disability and rehabilitation from the perspective of people living with HIV, clinicians, researchers and representatives from community organizations.

The **Framework of New Research Priorities in HIV, Disability and Rehabilitation** developed from the Forum reflects the increasing complexities of HIV associated comorbidities as well as the changing health system environment that influences rehabilitation care delivery. This *Framework* may be used by researchers, clinicians, people living with HIV, and the broader HIV community, as a foundation to inform future HIV, disability, and rehabilitation research.

An oral presentation on the outcomes of the International Forum entitled “***Advancing Research and Practice in HIV and Rehabilitation: A Framework of New and Emerging Research Priorities in HIV, Disability and Rehabilitation***” is part of the CAHR 2014 Concurrent Oral Abstract Sessions and will be presented on Saturday May 3rd, 2014 from 3pm-5pm.

Purpose of the HIV and Rehabilitation Road Map

This purpose of this road map is to highlight HIV and rehabilitation research presented at the 23rd Annual Canadian Conference on HIV Research (CAHR 2014) in order to increase awareness of research in the field.

We conducted a content analysis of all the CAHR 2014 abstract and broadly classified them according to the six research priorities in the **Framework of New Research Priorities in HIV, Disability and Rehabilitation**: 1) episodic health and disability; 2) aging with HIV across the lifespan; 3) concurrent health conditions; 4) access to rehabilitation and models of rehabilitation service provision; 5) effectiveness of rehabilitation interventions; and 6) enhancing outcome measurement in HIV and rehabilitation research. The priorities are in no particular order of importance. While some abstracts may span multiple priorities, they are mentioned once in the map. CAHR delegates may use this road map to navigate the HIV and rehabilitation content at CAHR 2014.

After CAHR, a rapporteur summary of the HIV and rehabilitation content presented at CWGHR will be made available on the CUHRRRC, CAHR, and CWGHR websites.

Research Priority 1 - Episodic Health and Disability

Understanding the broad range of physical, cognitive, and mental health consequences of HIV, comorbidities and aging, social participation, and uncertainty about the future, and disability that is episodic in nature.

GIPA in Practice: Community Leadership Guides the Development of an Inclusive, Transparent & Accessible PRA Hiring Process	Jasmine Gurm et al	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
Know Your Rights: Developing Practical and Accessible Legal Information for People Living with HIV	Alison Symington et al	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
Deciding to stay with or return to work	Barry D. Adam et al	Poster Presentation
Factors Associated with Recommended and Low Engagement in HIV Care after Initiating Combination Antiretroviral Therapy	Jennifer Gillis et al	Poster Presentation
Exploring Social, Structural and Health Contexts of Poverty Among African, Caribbean and Black Women Living With HIV in Ontario	Carmen H. Logie et al	Poster Presentation
Impact of unstable housing on HIV infections control in northern British Columbia	Robert S. Milligan et al	Poster Presentation
Social and Psychosocial Factors Related to ART Adherence Among People Living with HIV/AIDS Receiving Care in Cali, Colombia	David Montano et al	Poster Presentation
Adverse drug reactions are much more common in treated HIV positive individuals than we think	Daniel Murphy et al	Poster Presentation
The Sepo II Study: Using a Disability Framework to Examine Experiences of ART Among Women and Men Living with HIV in Lusaka, Zambia	Stephanie Nixon et al	Poster Presentation
Quality of life and its predictors among people living with HIV/AIDS in a South Indian anti-retroviral therapy centre	Rohin Rameswarapu et al	Poster Presentation

Research Priority 2 - Aging with HIV across the Lifespan

Exploring factors that contribute to healthy aging with HIV.

HIV and Aging – Promising Practices and Practical Resources for HIV Care Across the Continuum	Casey House, the Reikai Centres, Charles Furlotte, AIDS Committee of Newfoundland and Labrador and the CWGHR	Ancillary Event <i>Thursday May 1, 2014 9am-1pm</i>
Living with HIV and ARVs: Three-letter Lives	Corinne Squire	Ancillary Event <i>Thursday May 1, 2014 2pm-4pm</i>
Exploratory Longitudinal Analysis of the Association between Cigarette Smoking and HIV Viral Load (VL) among People Receiving Antiretroviral Treatment (ART): Results from the Ontario HIV Treatment Network Cohort Study (OCS)	Tsegaye M. Bekele et al	Oral Presentation <i>Friday May 2, 2014 11am-12:30pm</i>
Frailty Among HIV-Positive and HIV-Negative Older Adults in Uganda and South Africa	Thomas D. Brothers et al	Oral Presentation <i>Friday May 2, 2014 11am-12:30pm</i>
Prognostic Value of the Veterans Aging Cohort Study (VACS) Index for Mortality in Canada	Angela Cescon et al	Oral Presentation <i>Friday May 2, 2014 11am-12:30pm</i>
Predictors of unstructured antiretroviral treatment interruption and resumption among HIV-positive individuals in Canada	Hasina Samji et al	Oral Presentation <i>Saturday May 3, 2014 11am-12:30pm</i>
Changes in morbidity and mortality between the pre- and post-combination antiretroviral therapy (cART) eras in HIV-infected children	Anila Chacko et al	Poster Presentation
Understanding the Lived Experiences of Older Adults Living with HIV in Ontario: An Examination of Strengths and Resilience in a Vulnerable Population	Charles A. Emlet et al	Poster Presentation
HIV and Aging: An Environmental Scan of Programs and Services in Canada	Charles Furlotte et al	Poster Presentation
Differences in engagement in the HIV care continuum in Ontario, 2001 – 2011: Results from the Ontario HIV Treatment Network Cohort Study (OCS)	Lucia Light et al	Poster Presentation
Aging with HIV: A model of disability	Patricia Solomon et al	Poster Presentation
Who Stays on HAART in Early/Acute Infection?	Hubert Wong et al	Poster Presentation

Research Priority 3 – Concurrent Health Conditions

Examining the health-related consequences of concurrent health conditions and multiple morbidities experienced by people with HIV. Understanding the complexity of disability experienced based on the number and type of conditions may help to inform ways to prevent or mitigate disability associated with HIV and concurrent conditions across the lifespan.

Is there a Relationship between Mental Health Concerns and HIV Status for Aboriginal Women?	Anita C. Benoit et al	Oral Presentation Friday May 2, 2014 11am-12:30pm
Predictors of pulmonary tuberculosis co-infection among Nigerians with human immunodeficiency virus infection and acquired immunodeficiency syndromes	Adeolu O. Akinboro et al	Poster Presentation
Increases in Acute Health Care Use Among People Living With HIV and Comorbid Depression in Ontario: a Longitudinal Study	Stephanie Choi et al	Poster Presentation
Tuberculosis Drug-induced Liver Injury in TB-HIV Co-Infection: Experience with Treatment Rechallenge	Cecilia T. Costiniuk et al	Poster Presentation
Substance Use and its Impact on Care Outcomes among HIV-Infected Individuals in Manitoba	Adam Erickson et al	Poster Presentation
Factors Associated with Frequency of Monitoring Liver and Renal Function and Metabolic Laboratory Markers among Individuals Initiating Combination Antiretroviral Therapy	Jennifer Gillis et al	Poster Presentation
Often Mentioned, Seldom Seen? Severe Alopecia Associated With Lamivudine and Emtricitabine: 2 Case Reports and a Review of the Literature	Troy Grennan et al	Poster Presentation
Infectious Syphilis does not result in significant HIV viral load blips in a cohort of HIV-infected individuals, Vancouver, Canada	Mark Hull et al	Poster Presentation
Viral control and immune activation in HIV HCV patients: Contribution of liver fibrosis and Tryptophan catabolism in ART-treated HIV/HCV infected patients	Mohammad-Ali Jenabian et al	Poster Presentation
Management of HIV-positive Patients with eGFR \leq 70ml/min Across 2 Large, Urban Centers in Canada; a Retrospective Database Review	Nima Machouf et al	Poster Presentation
Complex Antimycobacterial and Antiretroviral Drug Interactions and Dosing in HIV and Tuberculosis Co-Infected Patients	Michael Newman et al	Poster Presentation
The Impact of Smoking Tobacco and Other Drugs on Respiratory Illnesses among HIV/HCV Co-infected Patients	Kathleen C. Rollet-Kurhajec et al	Poster Presentation
The Veteran Aging Cohort Study Index as a Marker of Neuropsychological Impairment in People with HIV/AIDS: Results from the Ontario HIV Treatment Network Cohort Study	Sean B. Rourke et al	Poster Presentation

Research Priority 4 - Access to Rehabilitation and Models of Service Provision

Rehabilitation is broadly defined as any service or health provider that may address health challenges experienced by an individual due to HIV or other related concurrent conditions. This priority includes facilitators and barriers to accessing broad health and social services for people living with HIV as well as the development and evaluation of innovative models of health service delivery to better address the health-related needs of people living with HIV.

“You know exactly where you stand in line...its right at the very bottom of the list”: Negotiating place and space among women living with HIV seeking health care in British Columbia, Canada	Allison Carter et al	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
Rethinking HIV-Related Stigma in Health Care Settings: A Qualitative Study	Marilou Gagnon	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
The Depth of Water Requires Knowledge: Listening to the Voices of the HIV Patient Journey	Patricia A. Howard	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
Development of a Canadian performance framework for measuring comprehensive community-based primary healthcare for people living with HIV	Sharon Johnston et al	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
Work in Progress: Structural factors that shape successful employment trajectories for people living with HIV in Canada	Brent Oliver	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
Engaging High Risk Populations of Downtown Vancouver through Hepatitis C and HIV Portable Pop-up Clinics	Behroz Rashidi et al	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
Reaching those Most at Risk for Drug-Related Harm: Potential Users of a Supervised Injection Service in Ottawa, Canada	Ashley Shaw et al	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
Tea Time: Mapping Informal Networks of Women Living with HIV	Jessica I. Whitbread	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
Cohort profile: Comparison of outcomes and service utilization trends between HIV-positive individuals and the general population of British Columbia (BC), 1996 to 2010	Oghenowede Eyawo et al	Oral Presentation <i>Saturday May 3, 2014 11am-12:30pm</i>
Adequacy of prenatal care in women living with HIV: 2002-2011	Ryan H. Ng et al	Oral Presentation <i>Saturday May 3, 2014 11am-12:30pm</i>
The Cedar Project: Childhood maltreatment and HIV risk among young Aboriginal people who use drugs in three Canadian cities	The Cedar Project Partnership et al	Oral Presentation <i>Saturday May 3, 2014 11am-12:30pm</i>
Examination of Disparity in Access to Mental Health Services Among People Living With HIV and Comorbid Depression in Ontario	Stephanie Choi et al	Oral Presentation <i>Saturday May 3, 2014 2pm-4pm</i>
Environmental Scan of In-Process Research Activities in Canada: Is Research Moving Us Toward Improved Clinical Care for People Aging with HIV and Comorbidities?	Jonathan G. Betteridge et al	Poster Presentation

Heterogeneity in familiarity with, willingness to attend, and access to the local AIDS service organization among African, Caribbean and Black residents of Middlesex-London	Soraya Blot et al	Poster Presentation
Perceived barriers and facilitators to successful transition of youth living with HIV from pediatric to adult care: preliminary results from a national survey of Canadian HIV care providers	Michael Clark et al	Poster Presentation
Development of a tailored virtual intervention based on Intervention Mapping to promote positive health behaviours among persons living with HIV: AIDES-TAVIE	José Côté et al	Poster Presentation
Reaching People "Where They Are". The "Messagers de rue" Program at CACTUS Montreal	Daniele Dubuc	Poster Presentation
Survey of Practice Patterns and Attitudes about Bone Disease Prevention and Management in HIV-infected Patients	Christine A. Hughes et al	Poster Presentation
Case Management Approach to Improve Linkage of People Living with HIV/AIDS to Treatment programs: A systematic review of Randomized Clinical Trials	Siavash Jafari et al	Poster Presentation
An Assessment of the Impact of an HIV/AIDS Interprofessional Education Module on Students' Knowledge of the Role of Interprofessional Collaboration and Teamwork	Deborah Kelly et al	Poster Presentation
Engaging the 21st Century Moccasin Telegraph: Using cyberspace to CAAN's advantage	Renee Masching et al	Poster Presentation
Health Literacy: A New Challenge for Health Care Providers	Jane McCall et al	Poster Presentation
Sharing the Lay of the Land: APHA Leadership Interventions	Albert McLeod et al	Poster Presentation
Positive Women's Network's Member Engagement Survey: Engaging Positive Women's Voices in HIV Services	Melissa Medjuck et al	Poster Presentation
Dilemmas of African, Caribbean and Black (ACB) HIV-positive women service providers' efforts to provide culturally appropriate services	Marvelous Muchenje et al	Poster Presentation
Adapting CWGHR's eModule on HIV and Rehabilitation for Sub-Saharan Africa: Results of Phase 1	Stephanie Nixon et al	Poster Presentation
READY, SET,...INTEGRATE! The landscape of STBBI service delivery in Atlantic Canada	San Patten et al	Poster Presentation
Dental Care in Canada for People Living With HIV	Barbara Santosuosso	Poster Presentation
Merits of using Internet based Registration and Follow-up in Research and Service Delivery with Injection Drug Users	Mary P. Sebastian et al	Poster Presentation
Factors associated with length of time to care program entry from initial HIV diagnosis in Manitoba	Souradet Y. Shaw	Poster Presentation
Interprofessional Health Education (IPHE) Experiences as a Successful Model for Including HIV Content into the Education of Future Health Care Providers in the Post-AIDS Era	Jeffrey D. Wilson et al	Poster Presentation

Research Priority 5 - Effectiveness of Rehabilitation Interventions

Evaluating the effectiveness of rehabilitation interventions in order to prevent or mitigate disability experienced by people living with HIV.

HIV Health Literacy For Racialized HIV-Positive Women: What We Know and What We Need To Know	Joseph R. Gillis et al	Oral Presentation <i>Friday May 2, 2014 11am-12:30pm</i>
“I need a safe place for myself ”: Issues of refugee claimants in transitional housing for People Living with HIV/AIDS	Amrita Ahluwalia	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
The Benefits of PositScience Brain Fitness Exercises for Neurocognitive Impairment in Men with HIV: Pilot Results from a 10-week Cognitive Rehabilitation Intervention Study	Sean B. Rourke et al	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
Planning Research for Transition of HIV-infected Adolescents in Canada – Outcomes from a National Research Planning Meeting	Jason C. Brophy et al	Oral Presentation <i>Saturday May 3, 2014 11am-12:30pm</i>
A Systematic Review of Stigma-reducing Interventions for Diasporic Black, African and Caribbean women living with HIV in Canada	Muna Aden et al	Poster Presentation
Camp Moomba: a unique community support for children and youth affected by HIV	Ariane Alimenti et al	Poster Presentation
Evaluating CATIE’s premier knowledge Exchange Tool: www.catie.ca	Laurel A. Challacombe et al	Poster Presentation
Locating Prevention, Support, and Treatment within Trusting Hands	Nkechinyelum Chioneso et al	Poster Presentation
The National Consensus Statement on Women, Trans People and Girls and HIV Research in Canada: Recommendations for Social Science Researchers	Jacqueline Gahagan et al	Poster Presentation
Online Technology and HIV Peer Helping in Newfoundland and Labrador	Greg Harris et al	Poster Presentation
Transition Needs of Children and Youth Living with HIV in Vietnam	Huyen T. Hoang et al	Poster Presentation
Perinatal care experiences of mothers living with HIV in Ontario: what works and what doesn’t	Allyson Ion et al	Poster Presentation
Group Interpersonal Therapy in Prevention of Mother to Child Transmission affects Adherence	Daniel Mazinga et al	Poster Presentation
A framework for community ownership of a text messaging programme among clients with HIV	Lawrence Mbuagbaw et al	Poster Presentation
Are my Needs Being Met? Shifting HIV Care in New Brunswick, Canada	Priscilla Medeiros	Poster Presentation
Positive Women’s Leadership Training Initiative: fostering individual and community growth	Melissa Medjuck	Poster Presentation
Clinic to Community: Inter-Professional Collaboration in Enhanced Adherence to Antiretroviral Therapy	Michael Stuber et al	Poster Presentation

Research Priority 6 - Enhancing Outcome Measurement in HIV Rehabilitation Clinical Practice and Research

Enhancing the use and development of patient centered outcomes in HIV, disability and rehabilitation research. This can help facilitate communication among clinicians and evaluate the effectiveness of various interventions.

Can we Accurately Quantify Change in Cognition During a Clinical Encounter?	Marie-Josée Brouillette et al	Oral Presentation <i>Friday May 2, 2014 3pm-5pm</i>
Estimating Frailty From Data Routinely Collected In An Outpatient HIV Clinic	Thomas D. Brothers et al	Poster Presentation
Cross-cultural validation of the HIV knowledge questionnaire: A Guyanese perspective	Crystal D. Holly et al	Poster Presentation
Psychometric properties and validity of the Center for Epidemiological Studies Depression Scale (CES-D) people living with HIV in Colombia	Héctor F. Mueses et al	Poster Presentation
Validation of the Berger's HIV stigma scale among People Living with HIV in Canada and Colombia	David Montano et al	Poster Presentation
Reliability and Validity of the HIV Disability Questionnaire (HDQ) with Adults Living with HIV in Canada and Ireland	Kelly K. O'Brien et al	Poster Presentation
Assessing HIV Knowledge after Pre-test Counseling in Clients Attending a Public Health STI Clinic	Darlene Taylor et al	Poster Presentation
A Psychometric Instrument to Assess Capacity to Consent for Healthcare Among Individuals with Problematic Substance Use and Who are Homeless or Unstably Housed: An interim analysis	Darlene Taylor et al	Poster Presentation
Initial Validation of the Health Care Provider HIV/AIDS Stigma Scale (HPASS)	Anne C. Wagner et al	Poster Presentation

For More Information

For more information about CUHRRC (www.cuhrrc.hivandrehab.ca) or to receive the rapporteur summary, contact Nkem Iku, CUHRRC Coordinator (nkem.iku@utoronto.ca).

Acknowledgement

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Canadian Working Group on HIV and Rehabilitation
Groupe de travail canadien sur le VIH et la réinsertion sociale

