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 1\textsuperscript{st} - 4\textsuperscript{th}, 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

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 CUHRRC, 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.*

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

*Exploring factors that contribute to healthy aging with HIV.*

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<tr>
<th>Topic</th>
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<th>Event Details</th>
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<tr>
<td>HIV and Aging – Promising Practices and Practical Resources for HIV Care Across the Continuum</td>
<td>Casey House, the Rekai Centres, Charles Furlotte, AIDS Committee of Newfoundland and Labrador and the CWGHR</td>
<td>Ancillary Event Thursday May 1, 2014 9am-1pm</td>
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<tr>
<td>Living with HIV and ARVs: Three-letter Lives</td>
<td>Corinne Squire</td>
<td>Ancillary Event Thursday May 1, 2014 2pm-4pm</td>
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<td>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)</td>
<td>Tsegaye M. Bekele et al</td>
<td>Oral Presentation Friday May 2, 2014 11am-12:30pm</td>
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<tr>
<td>Frailty Among HIV-Positive and HIV-Negative Older Adults in Uganda and South Africa</td>
<td>Thomas D. Brothers et al</td>
<td>Oral Presentation Friday May 2, 2014 11am-12:30pm</td>
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<td>Prognostic Value of the Veterans Aging Cohort Study (VACS) Index for Mortality in Canada</td>
<td>Angela Cescon et al</td>
<td>Oral Presentation Friday May 2, 2014 11am-12:30pm</td>
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<tr>
<td>Predictors of unstructured antiretroviral treatment interruption and resumption among HIV-positive individuals in Canada</td>
<td>Hasina Samji et al</td>
<td>Oral Presentation Saturday May 3, 2014 11am-12:30pm</td>
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<td>Changes in morbidity and mortality between the pre- and post-combination antiretroviral therapy (cART) eras in HIV-infected children</td>
<td>Anila Chacko et al</td>
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<tr>
<td>Understanding the Lived Experiences of Older Adults Living with HIV in Ontario: An Examination of Strengths and Resilience in a Vulnerable Population</td>
<td>Charles A. Emlet et al</td>
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<tr>
<td>HIV and Aging: An Environmental Scan of Programs and Services in Canada</td>
<td>Charles Furlotte et al</td>
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<td>Differences in engagement in the HIV care continuum in Ontario, 2001 – 2011: Results from the Ontario HIV Treatment Network Cohort Study (OCS)</td>
<td>Lucia Light et al</td>
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<tr>
<td>Aging with HIV: A model of disability</td>
<td>Patricia Solomon et al</td>
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<td>Who Stays on HAART in Early/Acute Infection?</td>
<td>Hubert Wong et al</td>
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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 ≤ 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
Friday May 2, 2014 3pm-5pm

Rethinking HIV-Related Stigma in Health Care Settings: A Qualitative Study

Marilou Gagnon
Oral Presentation
Friday May 2, 2014 3pm-5pm

The Depth of Water Requires Knowledge: Listening to the Voices of the HIV Patient Journey

Patricia A. Howard
Oral Presentation
Friday May 2, 2014 3pm-5pm

Development of a Canadian performance framework for measuring comprehensive community-based primary healthcare for people living with HIV

Sharon Johnston et al
Oral Presentation
Friday May 2, 2014 3pm-5pm

Work in Progress: Structural factors that shape successful employment trajectories for people living with HIV in Canada

Brent Oliver
Oral Presentation
Friday May 2, 2014 3pm-5pm

Engaging High Risk Populations of Downtown Vancouver through Hepatitis C and HIV Portable Pop-up Clinics

Behroz Rashidi et al
Oral Presentation
Friday May 2, 2014 3pm-5pm

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
Friday May 2, 2014 3pm-5pm

Tea Time: Mapping Informal Networks of Women Living with HIV

Jessica l. Whitbread
Oral Presentation
Friday May 2, 2014 3pm-5pm

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
Saturday May 3, 2014 11am-12:30pm

Adequacy of prenatal care in women living with HIV: 2002-2011

Ryan H. Ng et al
Oral Presentation
Saturday May 3, 2014 11am-12:30pm

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
Saturday May 3, 2014 11am-12:30pm

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
Saturday May 3, 2014 2pm-4pm

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
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<tr>
<td>Heterogeneity in familiarity, willingness to attend, and access to the local AIDS service organization among African, Caribbean and Black residents of Middlesex-London</td>
<td>Soraya Blot et al</td>
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<td>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</td>
<td>Michael Clark et al</td>
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<td>Development of a tailored virtual intervention based on Intervention Mapping to promote positive health behaviours among persons living with HIV: AIDES-TAVIE</td>
<td>José Côté et al</td>
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<td>Reaching People &quot;Where They Are'. The &quot;Messagers de rue&quot; Program at CACTUS Montreal</td>
<td>Daniele Dubuc</td>
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<td>Survey of Practice Patterns and Attitudes about Bone Disease Prevention and Management in HIV-infected Patients</td>
<td>Christine A. Hughes et al</td>
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<td>Case Management Approach to Improve Linkage of People Living with HIV/AIDS to Treatment programs: A systematic review of Randomized Clinical Trials</td>
<td>Siavash Jafari et al</td>
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<td>An Assessment of the Impact of an HIV/AIDS Interprofessional Education Module on Students’ Knowledge of the Role of Interprofessional Collaboration and Teamwork</td>
<td>Deborah Kelly et al</td>
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<td>Engaging the 21st Century Moccasin Telegraph: Using cyberspace to CAAN’s advantage</td>
<td>Renee Masching et al</td>
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<td>Health Literacy: A New Challenge for Health Care Providers</td>
<td>Jane McCall et al</td>
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<td>Sharing the Lay of the Land: APHA Leadership Interventions</td>
<td>Albert McLeod et al</td>
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<td>Positive Women’s Network’s Member Engagement Survey: Engaging Positive Women's Voices in HIV Services</td>
<td>Melissa Medjuck et al</td>
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<tr>
<td>Dilemmas of African, Caribbean and Black (ACB) HIV-positive women service providers’ efforts to provide culturally appropriate services</td>
<td>Marvelous Muchenje et al</td>
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<td>Adapting CWGHR’s eModule on HIV and Rehabilitation for Sub-Saharan Africa: Results of Phase 1</td>
<td>Stephanie Nixon et al</td>
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<tr>
<td>READY, SET,...INTEGRATE! The landscape of STBBI service delivery in Atlantic Canada</td>
<td>San Patten et al</td>
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<td>Dental Care in Canada for People Living With HIV</td>
<td>Barbara Santosuosso</td>
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<td>Merits of using Internet based Registration and Follow-up in Research and Service Delivery with Injection Drug Users</td>
<td>Mary P. Sebastian et al</td>
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<tr>
<td>Factors associated with length of time to care program entry from initial HIV diagnosis in Manitoba</td>
<td>Souradet Y. Shaw</td>
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<tr>
<td>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</td>
<td>Jeffrey D. Wilson et al</td>
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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
  Friday May 2, 2014
  11am-12:30pm

- “I need a safe place for myself”: Issues of refugee claimants in transitional housing for People Living with HIV/AIDS
  Amrita Ahluwalia
  Oral Presentation
  Friday May 2, 2014
  3pm-5pm

- 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
  Friday May 2, 2014
  3pm-5pm

- Planning Research for Transition of HIV-infected Adolescents in Canada – Outcomes from a National Research Planning Meeting
  Jason C. Brophy et al
  Oral Presentation
  Saturday May 3, 2014
  11am-12:30pm

- 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
  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  
Friday May 2, 2014  
3pm-5pm

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 Guyanan 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.cuhrcc.hivandrehab.ca) or to receive the rapporteur summary, contact Nkem Iku, CUHRRC Coordinator (nkem.iku@utoronto.ca).
Acknowledgement

The Road Map on HIV and Rehabilitation Research at the 23rd Annual Canadian Conference on HIV/AIDS Research (CAHR 2014) is supported by the Public Health Agency of Canada, the Canadian Association for HIV Research and the Canadian Working Group on HIV and Rehabilitation (CWGHR). The views expressed herein do not necessarily represent the views of the Public Health Agency of Canada.