

Canada-International HIV and Rehabilitation Research Collaborative (CIHRRC) Spring 2021 E-Update (May 2021)

New CIHRRC Members

The **Canada-International HIV and Rehabilitation Research Collaborative (CIHRRC)** welcomes **8 new members!** Five new members from Canada: **George Da Silva**, Research and Engagement Coordinator at the University of Toronto; **Nora Sahel-Gozin**, MSc Student at the University of Toronto; **Kenny Noguchi**, PhD Student at McMaster University; **Gary Rodin**, Director of the Global Institute of Psychosocial Palliative and End-of-Life Care Researcher and Clinician at the University Hospital Network; and **Ada Tang**, Associate Professor at McMaster University; one new member from South Africa: **Ronel Roos**, Associate Professor at the University of the Witwatersrand; and two new members from the United Kingdom: **Donald Graeme**, Lecturer and Researcher at the University of Manchester; and **Joanna Keaton**, lead Physiotherapist at Mildmay Mission Hospital. CIHRRC now has over **110 members** across **eight countries**.

CIHRRC Website Launch – March 2021

We are very excited to launch the new [CIHRRC Website](#)! The website includes the launch of the new CIHRRC logo. Please visit our new website here: <https://cihrrc.ca/>. This space features CIHRRC news and updates, a list of our members, knowledge translation materials such as the CIHRRC Forum presentations and videos and more! If CIHRRC Members wish to have their name featured on the website as a member, please reach out to **Rachel Aubry**, CIHRRC Coordinator at rachel.aubry@utoronto.ca.



Special thanks to CIHRRC Member, **Patriic Gayle**, [Gay Men's Health Collective](#) and [Three Flying Piglets](#) for leading the website and logo re-development!

CIHRRC Updates

Research Priorities for Rehabilitation and Aging with HIV – Published

Members of the CIHRRC Team are pleased to announce the publication of a new manuscript entitled: "[Research priorities for rehabilitation and aging with HIV: a framework from the Canada-International HIV and Rehabilitation Research Collaborative \(CIHRRC\)](#)". [The Framework of Research Priorities in HIV, Aging and Rehabilitation](#) builds on the previously published research priorities in HIV and rehabilitation (2014) to include **seven research priorities in HIV, aging and rehabilitation outlined below:**

- Nature, extent and impact of disability, concurrent health conditions and chronic inflammation with HIV;
- Prevalence, severity and impact of frailty;
- Community and social participation aging with HIV;
- Strategies for chronic disease management and healthy aging with HIV;
- Facilitators and barriers to access and engagement in, rehabilitation;
- Effectiveness of rehabilitation interventions for healthy aging with HIV; and
- Advancing the development and use of patient-reported outcome measures in HIV and aging.

The research priorities were identified by stakeholders including people living with HIV, clinicians, researchers, representatives from community organizations and policy stakeholders at a [one-day International Forum](#).

Click here for the full open access publication: <https://dx.doi.org/10.1186%2Fs12981-020-00280-5>.



Launching a New Community of Practice: HIV in Motion

A new **Community of Practice** called **HIV in Motion** was launched this year as part of a CIHR Funded HIV/AIDS Community-Based Research Study! The **HIV in Motion Community of Practice (CoP)** provides a dynamic space via **online module sessions** for stakeholders to learn, exchange ideas, promote dissemination in academic and community ways, promote uptake and evaluation of learning and results about movement, physical activity and exercise for persons living with HIV among, and with, people living with HIV. We recently hosted the third CoP on May 4, 2021 focused on physical chronic pain. To learn more about the HIV in Motion CoP and listen to content from the past three CoP online module sessions click here: <http://bit.ly/HIVinMOTIONsite>. For more information, you can reach out **George Da Silva**, Engagement Coordinator for HIV in Motion at george.dasilva@utoronto.ca. See the CIHRRC website for information on the [HIV in Motion Study](#).

Updates from the Team at the University of KwaZulu-Natal (UKZN)

Dr. Stacy Maddocks recently graduated with her PhD in April 2020! Her thesis is entitled *‘Saving Futures: Developing an integrated model of rehabilitation and paediatric HIV care to foster success at school’*. Congrats Dr. Maddocks! **Levin Chetty** is working away at his PhD thesis entitled *‘Development of exercise guidelines for people aging with HIV in South Africa’*. See their recent work highlighted in the **E-Update Publications** section below!

Additionally, the work of the UKZN team was presented at the recent World Physiotherapy Congress Online 2021, highlighting the ways in which to improve access and reduce barriers to rehabilitation and exercise in people living with HIV in Kwazulu-Natal. Home based rehabilitation (HBR) as one strategy was demonstrated as a safe way to treating functional limitations and improve quality of life for people living with HIV.

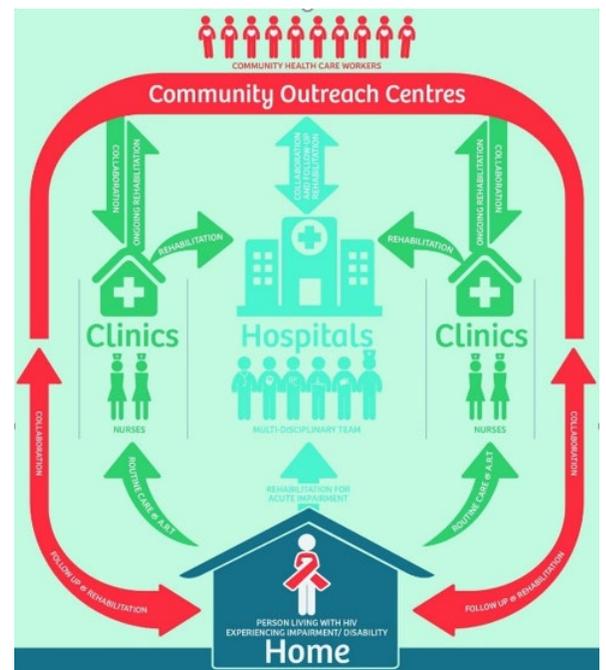


Figure from Cobbing et al. E-Poster, World Physiotherapy Congress 2021

Six Lessons for COVID-19 Rehabilitation from HIV Rehabilitation

Considering the impact of the COVID-19 pandemic around the globe, several CIHRRC Members, led by **Darren Brown** came together to publish [“Six Lessons for COVID-19 Rehabilitation from HIV Rehabilitation”](#) as a ‘Point of View’ in the **Physical Therapy & Rehabilitation Journal**. This manuscript outlines the lessons learned from HIV Rehabilitation including: the long term effects on disability following acute COVID-19 management; the role of uncertainty and worry occurring with COVID-19; the need for a rehabilitation focused response to COVID-19; considering the impact of COVID-19 on vulnerable populations; the benefit of building on HIV rehabilitation networks to translate to COVID-19 rehabilitation; and including people living with COVID-19 in the rehabilitation response. Click here to access the full article: <https://doi.org/10.1093/ptj/pzaa142>.

Disability and Frailty in People Living with HIV in Regional Australia

A team of researchers in regional Northern Australia recently initiated a study to measure episodic disability experienced by people living with HIV in a regional, rural, and remote area of Northern Queensland Australia. This cross-disciplinary research team is led by CIHRRC member **Carol Flavell**, and includes researchers from physiotherapy, sexual health nursing, indigenous health, and an Australia-Canadian collaboration with Kelly O'Brien as collaborator. This research will investigate the level of difficulty people living with HIV may experience with everyday tasks, hobbies, sports, their jobs, memory, emotion, or participating in social events. This study will also assesses whether episodic disability and frailty measurements that have been validated in North America and Africa are suitable for regional Northern Australia, with the goal of improving the rural health and community services for people living with HIV in regional areas of Australia.

Study Protocol for a Scoping Review: Non-pharmacologic Interventions for Chronic Pain in Individuals Living with HIV

CIHRRC members **Dave Kietrys, Mary Lou Galantino, Sarah Pullen** and **Kelly O'Brien** registered the study protocol with *Open Science Framework* for a "[Scoping Review on Non-pharmacologic Interventions for Chronic Pain in Individuals with HIV](#)", now openly accessible [here](#). The **objective of this scoping review** is to map the literature of non-pharmaceutical interventions for the management of chronic pain in persons living with HIV in order to inform current clinical practice, identify gaps in knowledge, and prioritize clinical questions to inform the evolution of a research agenda for non-pharmaceutical management of chronic pain in people living with HIV.

CIHRRC Member Publications

- **Brown DA, O'Brien KK, Josh J, Nixon SA, Hanass-Hancock J, Galantino M, Myezwa H, Phillipas S, Bergin C, Baxter L, Binette M, Chetty V, Cobbing S, Corbett C, Ibanez-Carrasco F, Kietrys D, Roos R, Solomon P, Harding R.** Six Lessons for COVID-19 Rehabilitation From HIV Rehabilitation. *Physical Therapy*. 2020 Nov;100(11):1906-9. <https://doi.org/10.1093/ptj/pzaa142>
- **Chetty L, Cobbing S, Chetty V.** Physical activity and exercise for older people living with HIV: a protocol for a scoping review. *Systematic reviews*. 2020 Dec;9(1):1-6. <https://doi.org/10.1186/s13643-020-01327-4>
- **Maddocks S, Nakooda MZ, Cobbing S, Hanass-Hancock J, Chetty V.** Perceptions of care and rehabilitation for children living with HIV in KwaZulu-Natal province, South Africa. *Vulnerable Children and Youth Studies*. 2020 **Oct 12:1-5**. <https://doi.org/10.1080/17450128.2020.1830214>
- **Maddocks S, Moodley K, Hanass-Hancock J, Cobbing S, Chetty V.** Children living with HIV-related disabilities in a resource-poor community in South Africa: Caregiver perceptions of caring and rehabilitation. *AIDS care*. 2020 Apr 2;32(4):471-9. <https://doi.org/10.1080/09540121.2019.1654076>
- **Maddocks ST, Mthethwa L, Chetty V.** Child functioning and disability in children living with human immunodeficiency virus in a semi-rural healthcare setting in South Africa. *African Journal of Primary Health Care & Family Medicine*. 2020;12(1). <https://doi.org/10.4102/phcfm.v12i1.2259>
- **O'Brien KK, Ibáñez-Carrasco F, Solomon P, Harding R, Brown D, Ahluwalia P, Chan Carusone S, Baxter L, Emler C, Restall G, Casey A.** Research priorities for rehabilitation and aging with HIV: a framework from the Canada-International HIV and Rehabilitation Research Collaborative (CIHRRC). *AIDS Research and Therapy*. 2020 Dec;17:1-3. <https://dx.doi.org/10.1186%2Fs12981-020-00280-5>
- **Solomon P, Carusone SC, Davis AM, Aubry R, O'Brien KK.** Experiences of People Living With HIV in Community Based Exercise: A Qualitative Longitudinal Study. *Journal of the International Association of Providers of AIDS Care (JIAPAC)*. 2021 Feb 19;20:2325958221995344. <https://doi.org/10.1177%2F2325958221995344>

- **Vader K, Carusone SC, Aubry R, Ahluwalia P, Murray C, Baxter L, Robinson G, Ibáñez-Carrasco F, Stewart A, Solomon P, O’Brien KK.** Strengths and Challenges of Implementing Physiotherapy in an HIV Community-Based Care Setting: A Qualitative Study of Perspectives of People Living with HIV and Healthcare Providers. *Journal of the International Association of Providers of AIDS Care (JIAPAC)*. 2021 Mar 26;20:23259582211005628. <https://doi.org/10.1177/23259582211005628>

Conferences and Meetings

HIV and Aging Workshop 2020, New York City, United States

The **11th International Workshop on HIV and Aging** took place virtually on **October 1-2, 2020**. A team of cross-disciplinary experts, trainees and community members gathered with the goal of stimulating and guiding research that will enable better treatment methods and strategies for older adults with HIV; to encourage young investigators; and to stimulate new partnerships between investigators in HIV and aging. Many CIHRRC members attended the virtual workshop and their [abstracts and e-posters](https://bit.ly/2QjudOX) can be found here: <https://bit.ly/2QjudOX>.

World Physiotherapy Congress 2021 Online

The **World Physiotherapy Congress 2021** took place virtually **April 9-11 2021**. [World Physiotherapy Congress 2021](https://www.worldphysiotherapycongress.com/) was an opportunity to bring together rehabilitation and physiotherapy research and practice perspectives across the globe. Many CIHRRC members featured their work at the Congress. You can find their [abstracts and e-posters](https://congress.physio/2021) here: <https://congress.physio/2021>.

Canadian Association for HIV Research (CAHR), Virtual Conference May 2021

The **30th Annual Canadian Conference on HIV/AIDS Research** will take place virtually on **May 5-7 2021**. This conference is an opportunity for those working in HIV research, along with policy makers, community members and others to come together and discuss their work. **Registration for the CAHR Conference** can be found here: <https://www.cahr-acrv.ca/conference/registration/>. Many CIHRRC members are presenting abstracts at this virtual event! We are looking forward to it!

Workshop on Health Living with HIV 2021

The 6th Edition of the **Workshop on Health Living with HIV** will take place virtually on **October 1-2, 2021**. This workshop is an opportunity to build a community of HIV treating expert clinicians, focused on promoting full and healthy life for all patients. For more information, or to register for the event, please visit: [Workshop on Healthy Living with HIV 2021 | AME \(academicmedicaleducation.com\)](http://www.ame-academy.com/workshop-on-healthy-living-with-hiv-2021). CIHRRC is a non-financial endorser of the event this year and hope some of you will join us in attending!

CIHRRC Steering Committee

Darren Brown, Patriic Gayle, Francisco Ibáñez-Carrasco, Stacy Lawler, Michael Liddell, Esther McDonnell, Kelly O’Brien, Colleen Price, Patty Solomon.

If you are interested in becoming a member of the CIHRRC Steering Committee, please contact Kelly O’Brien.

Stay Tuned!

The next CIHRRC E-Update will be in **Fall 2021!** You can also follow us on **Twitter @CIHRRC!**

For more information on these activities and/or CIHRRC, please contact **Rachel Aubry, CIHRRC Coordinator**, at cihrrc@utoronto.ca or visit the CIHRRC website at <http://cihrrc.ca/>

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