

STAKEHOLDER ENGAGEMENT

Advisory Committee

BC-PHCRN demonstrated commitment to meaningful and sustainable stakeholder engagement by developing and refreshing an active Advisory Committee, consisting of diverse clinical, research, and health system leaders and patient-partner representatives. The 25 members come from all five geographic health authorities and meet bi-annually, and BC-PHCRN supports transportation costs to allow members to connect in person. Strategic planning in September 2018 identified evaluation of new models of care, particularly Primary Care Network implementation, as a top priority. *June 2015 – present*

STAKEHOLDER ENGAGEMENT

Patient Advisory

BC-PHCRN established a 10-member Patient Advisory in 2017 to demonstrate its commitment to patient-centred and -supported research. The Patient Advisory assisted BC-PHCRN with evaluating letters of intent for SPOR PIHCl research project grants, participate as co-Investigators on projects, helped lead the PRioritiEs For Research (PREFeR) project, and are active in knowledge dissemination regarding PIHCl innovations. *July 2017 – present*

EHEALTH

Canadian Primary Care Sentinel Surveillance Network (CPCSSN)

BC CPCSSN, a key project for BC-PHCRN, extracts data from four EMR systems and reaches over 90 providers and 135,000 patients across BC. BC CPCSSN rolled out two data reporting tools, InQUIRE (Interactive Quality Improvement Reporting Environment) and the Data Presentation Tool (DPT), to assist physicians with managing their patient panels, undertaking quality improvement initiatives and implementing Primary Care Networks. Since June 2018, BC CPCSSN has extracted data from 35 physicians in 11 new clinics across the province. This means CPCSSN has reached 41,864 new patients in the past year. *June 2015 – present*

BC Primary Health Care RESEARCH NETWORK ACHIEVEMENTS

POLICY

Centralized Waiting List

Results from this Quick Strike project (Breton, Quebec, PI; Wong, BC lead, co-I) were provided to the BC Ministry of Health. As of September 2019, BC now joins the rest of Canada in having a provincially funded centralized waiting list for primary care, and adopted a model of managing the wait list similar to that used in two different divisions of family practice. This project is significant because BC-PHCRN provided the BC Ministry of Health with evidence to inform their decision-making and because we drew on learnings from across Canada. *2015 – 2019*

POLICY

Interior Health & Kootenay Boundary Division of Family Practice

BC-PHCRN partnered with the Kootenay-Boundary Division of Family Practice and Interior Health Authority in a pilot project to integrate CPCSSN quality improvement tools for integrated patient care. This provides a model for the rest of the province on CPCSSN's ability to facilitate evaluation of Primary Care Networks and Patient Medical Homes. *January 2018 – present*

CLINICAL

Multi-Stakeholder Learning Session

In March 2019 BC-PHCRN hosted a workshop as part of the annual Centre for Health Services and Policy Research Conference. Attendees learned about the provincial context concerning Patient Medical Homes and Primary Care Networks, as well as the data tools available to assist with the implementation of and participation in these networks. They also learned how to use these tools for quality improvement within clinical practice as well as research more broadly. This workshop had well over 100 attendees from various stakeholder groups, including patients, policymakers, clinicians, and researchers. *March 2019*

RESEARCH

PRioritiEs For Research (PREFeR)

BC-PHCRN and the BC-PHCRN Patient Advisory collaborated with Drs. Ruth Lavergne and Louisa Edwards of SFU on the PREFeR project, which aimed to identify the differences and similarities between patient and clinician ratings of patient-identified priorities in primary care research. A half day dialogue event held in September 2018 facilitated conversation between patients and primary care providers, exploring the similarities and differences between their perspectives. Results were published in *BMJ Open* in 2019, integrated into the BC-PHCRN Strategic Plan, and disseminated to the BC Ministry of Health and regional health authorities.

June 2017 – present

CLINICAL

Heart Failure Among COPD Patients

BC-PHCRN engaged cardiac and primary care physicians in the creation of a heart failure case definition among patients with COPD, in order to define the prevalence of major cardiovascular risk factors in patients with COPD in primary care, examine the frequency of monitoring of cardiovascular risk factors, define the proportion of patients with COPD in primary care who achieve guideline-recommended targets for individual risk factors, and examine the treatment of diabetes, hypertension, dyslipidemia, obesity and smoking in patients with COPD. This work is currently underway and includes undergraduate students and residents.

May 2019 – present

RESEARCH

EMR Data User Interface

Students from UBC's *Designing for People* research cluster examined the ways the CPCSSN Data Presentation Tool could better meet the needs of primary care clinicians. The work highlighted that quality improvement was a key interest of clinicians. The students designed a system and conducted usability tests with clinicians to evaluate the ease of use, transparency and customizability of the 'audit and feedback' system. The project provided numerous recommendations for future CPCSSN data interfaces.

January – May 2019

CLINICAL

Frailty Case Definition

BC-PHCRN engaged with family physicians in BC, Manitoba, Ontario, and Nova Scotia to collect almost 4,000 clinical frailty scores. These scores are being used to create the next generation of an algorithm to identify frailty in primary care EMR data, and will be available through the pan-Canadian CPCSSN Data Presentation Tool in 2020. This partnership has also actively developed educational opportunities for undergraduate and graduate nursing students.

July 2018 – present

RESEARCH TRAINING

Research Teams and Trainees

BC-PHCRN has engaged with 39 investigators, including 14 who were newly introduced to patient-oriented research. In addition, 16 trainees, including postdoctoral fellows, health professionals, and PhD and Masters students, have engaged in BC-PHCRN projects.

June 2015 – present

RESEARCH TRAINING

TUTOR-PHC

The BC-PHCRN supports TUTOR-PHC by contributing funding to the program, an interdisciplinary research capacity building program that trains primary and integrated health care researchers and decision-makers. Dr. Sabrina Wong is a co-PI on the project, and a mentor for the TUTOR trainees.

June 2015 – present

RESEARCH TRAINING

Nursing Curriculum

BC-PHCRN has incorporated primary health care content into the undergraduate nursing curriculum at UBC. This addition to the curriculum was the first offering of a primary health care-specific course for undergraduate nursing students in BC. It reached 120 students as of September 2018.

January 2018 – present

BC Primary Health Care RESEARCH NETWORK ACHIEVEMENTS