

Providence Health Care

# Practice-based Research Challenge

## Annual Report



**Agnes Black**, RN, MPH

Research Leader  
Professional Practice

May 2015

# Sponsors

We are grateful for the support of the following sponsors:



How you want to be treated.

Providence Health Care  
Office of Professional Practice and  
Chief Nursing Officer



PROVIDENCE HEALTH CARE  
Research Institute

Pursuing **real life** health solutions.

Providence Health Care Research Institute



InspireNet.ca



School of Nursing  
University of British Columbia



British Columbia Nurses' Union



Health Sciences Association of British Columbia

## Acknowledgments

We are grateful for the assistance of Kristin Westland and the staff and scientists at the Centre for Health Evaluation and Outcome Sciences (CHEOS); Lee Ann Bryant and the staff at the UBC Library; Pat Atherton, network manager for InspireNet (the Innovative Health Services and Practice Informed by Research and Evaluation Network); Julie Hadden and the staff of the PHC Research Institute Research Ethics Office; and Wilma Chang, administrative assistant in PHC Professional Practice office.

### Research Challenge Advisory Committee

**Agnes Black**

Research Leader, Professional Practice and Nursing, PHC

**Candy Garossino**

Director, Professional Practice and Nursing, PHC

**Sara Charlton**

Practice Consultant, Professional Practice and Nursing, PHC

**Vicky Bungay**

Assistant Professor, School of Nursing, UBC

**Martha Mackay**

Clinical Nurse Specialist - Cardiology, PHC

Clinical Assistant Professor, School of Nursing, UBC

**Christine Wallsworth**

Care Advisor, PHC

Manager, Office of Graduate Programs and Research, UBC

*Recognized as a **Leading Practice**  
by Accreditation Canada, 2014*



## Executive Summary

The PHC Practice-based Research Challenge was launched in March 2011 to support teams of point-of-care nurses and allied health professionals to conduct small-scale, practice-relevant research projects with assistance from a research mentor. The goals of the Research Challenge are to increase knowledge of research methods, evidence-informed practice, and employee engagement among participants.

The Research Challenge has engaged almost 340 clinicians, and 46 teams have been funded in the first four years of the Research Challenge. The Research Challenge teams have cumulatively submitted or presented their research project findings at 66 conferences and Grand Rounds. Additionally, almost all teams have given presentations to groups of their professional peers. Thirteen teams have submitted or are writing manuscripts for publication, with seven already published. These projects have also led to numerous practice changes and improvements.

In addition to presentations by the teams on their research projects, the concept of the Research Challenge initiative has been presented at nine conferences in North America, and two papers have been published about the Research Challenge.

The Research Challenge was rigorously evaluated, with very promising results that were reported in the *Journal of Nursing Administration* (January 2015)

## Background

The PHC Practice-based Research Challenge was launched in March 2011 to support teams of point-of-care clinicians to conduct small-scale practice-relevant research projects with assistance from a research mentor. The teams participate in research-related workshops, and compete for funding ranging from \$2000 to \$5,000 per project.

The goals of the Research Challenge are to increase: 1) knowledge of research methods, 2) evidence-informed practice, and 3) employee engagement among participants.

# Format and Procedure

## Requirements for Participation

Participation in the Research Challenge is open to all nurses and allied health professionals employed at PHC. Additional requirements for participation are that each team must include at least one member who is a “point-of-care” staff, meaning those who have a clinical practice and a job description that does not ordinarily include conducting research. The leader of each Research Challenge team must have been employed at PHC for a minimum of one year.

## Applying to Participate and First Steps for Those Accepted to Participate

Each Research Challenge team is formed around a research question developed in the practice setting. Teams submit Letters of Intent to the Research Challenge Advisory Committee, stating their research question and naming team members. The Research Challenge Advisory Committee reviews the Letters of Intent, and replies with comments and suggested revisions. Most teams are invited to participate in the Research Challenge. All teams are then paired with mentors who are experienced in research; many mentors are Clinical Nurse Specialists employed at PHC or faculty members at UBC School of Nursing. Over the subsequent three months, team members attend research methods workshops and begin preparing their written proposals for funding.

## Workshops for Research Challenge Teams

- **Conducting a Background Literature Review** – This 90-minute workshop provides guidance on how to find and review published literature on selected research topics.
- **Research Methods Overview** – Two 4-hour courses taught by Dr Vicky Bungay and Dr Martha Mackay, both from the UBC School of Nursing, is offered at two different times, to maximize attendance by all team members. The course combines an overview of research methods with opportunity for team members to ask questions specific to their research question and research project proposal.
- **Ethical Implications of Research** – Led by Julie Hadden of the PHC Research Institute Research Ethics Office, this 60-minute workshop includes an overview of ethics and research, with opportunity for teams to ask questions and receive expert advice about their research project proposal.



## Writing the Proposal for Funding

The teams are given a template and deadline for the submission of their project proposals. The proposal includes standard research project sections such as Background, Methods and Knowledge Translation Plan. The proposals cannot exceed five pages.

## Presentation of Proposals

The week following the due date for proposals, a public forum is scheduled and each Research Challenge team is given ten minutes to present their research project proposal. The audience includes operations leaders, funders of the Research Challenge, and professional practice leaders, in addition to the review panel for the Research Challenge. The forum is intended to provide an opportunity for teams to discuss their research question and project, and take questions from the audience, including the reviewers.

## Review of Proposals and Funding Decisions

All proposals are reviewed by a panel of reviewers that includes the Research Challenge Advisory Committee and other experienced researchers selected by the committee. Proposals are evaluated based on significance of the problem or issue being addressed, proposal coherence, soundness of research method, and appropriate budget.

Up to 14 projects are selected for funding each year, depending on the amount of money committed by the Research Challenge funders. All funded teams have one year to conduct their research project, with assistance from their mentor.

## For Teams that are Funded

When funding is announced, all funded teams are invited to participate in a workshop on submitting an ethics application, since many of the Research Challenge teams are novice researchers.

- **Ethics Application Workshop** – Also led by Julie Hadden, this two-hour, hands-on workshop takes place after funding has been announced, to offer an opportunity for team members to learn how to submit an ethics application using the UBC Researcher Information Services (RISe) system.

# Participation in the Research Challenge

Table of Participation for Research Challenge Cohorts 2011 through 2013

	<i>Total Number of Participants (at start of Challenge)</i>	<i>Number of Teams Funded</i>
<b>Research Challenge 2011 Cohort</b>	89	14
<b>Research Challenge 2012 Cohort</b>	64	11
<b>Research Challenge 2013 Cohort</b>	56	8
<b>Research Challenge 2014 Cohort</b>	67	13

# Funding

The Research Challenge receives funding from:

- PHC Professional Practice and Nursing Office
- PHC Chief Nursing Officer
- PHC Research Institute
- BC Nurses' Union
- UBC School of Nursing
- Michael Smith Foundation for Health Research
- BC Society of Respiratory Therapists
- Health Services Association of BC

## Funding Received for Research Teams

	2011	2012	2013	2014
PHC Professional Practice & Nursing	16,640	16,000		24,000
PHC Research Institute	19,140	16,000	16,000	13,000
BC Nurses' Union	2,500	4,000	4,000	4,000
UBC School of Nursing		4,000	4,000	4,000
Michael Smith Foundation for Health Research			22,025	
BC Society of Respiratory Therapists				2,000
Recovery from previous Research Challenges				4,000
<b>Total</b>	<b>38,280</b>	<b>40,000</b>	<b>46,025</b>	<b>51,000</b>





## Knowledge Translation: Outcomes from Research Challenge Projects


All funded Research Challenge teams are required to prepare a brief report for the Research Challenge Advisory Committee at the end of their one-year project. Each team is also requested to present their research findings at a PHC interprofessional research event, and encouraged to submit abstracts for conferences and journals in their professional field or related to their research topic.

**The 14 teams from the 2011 Research Challenge cohort** have completed their projects. Knowledge translation activities from this cohort include:

- 35 abstracts submitted and/or presented to conferences or Grand Rounds, ranging from the Canadian Cardiovascular Congress to the North American Cystic Fibrosis Conference.
- The mentor for one team expanded the Research Challenge project and won a CIHR Catalyst Grant to continue the research. The leader of another team was awarded the Physiotherapy Team Excellence Award for Dedication to Physiotherapy Research, and her team won the PHC Best Patient Quality and Safety Award in 2014.
- Several teams have made presentations to groups of PHC colleagues (9 presentations).
- Seven teams are preparing or have submitted manuscripts for publication; five manuscripts published.
- All 14 groups presented their findings at the PHC Interprofessional Research, Education and Practice Conference on December 3, 2012.

**Ten of the 11 teams funded in the 2012 Research Challenge cohort** have completed their projects. Knowledge translation activities from this cohort include:

- 24 presented at conferences and Grand Rounds, ranging from the Canadian Cardiovascular Congress to the International Council of Nurses.
- Three teams have made presentations to groups of PHC colleagues.
- Six teams are preparing or have submitted manuscripts for publication; two manuscripts published.
- All 11 groups presented their findings at the PHC Interprofessional Research, Education and Practice Celebration on October 4, 2013.



**Six of the eight teams funded in the 2013 Research Challenge cohort** have completed their research projects. Knowledge translation activities from this cohort include:

- Eleven abstracts submitted and/or presented to conferences and Grand Rounds.

**Twelve teams are funded in the 2014 Research Challenge cohort** and they are currently beginning their research projects.

## Evaluation

A rigorous evaluation of the Research Challenge has been undertaken, led by Dr Lynda Balneaves, Candy Garossino and Agnes Black. The evaluation consists of surveys, interviews and focus groups. The surveys are sent to participants at three time points: baseline – following acceptance into the Research Challenge; mid-point – after participation in Research Methods workshops and submission of funding proposals; and endpoint – when funded research projects are completed. Interviews and focus groups were conducted with participants in funded teams and their managers and mentors.

In surveys and interviews team members and their managers were overwhelmingly enthusiastic about the opportunity to learn about research and explore research questions. In their survey responses mentors indicated that their involvement has helped increase awareness of practice issues for clinicians at the point of care. In an interview one manager noted, “The Research Challenge has given my staff more incentive to look at their work, how to make it better. They want to do more research; they’re not afraid of research anymore.”

Statistical analysis of evaluation surveys showed a significant increase in both research knowledge and ability among Research Challenge participants. The Research Challenge evaluation is ongoing and each cohort receives surveys.

## Research Challenge 2011 – Funded Team List

Project Title	Funded Amount	Leader	Members	Mentor	Status
The effect of pre-induction orthopedic operating room noise: a qualitative study using interpretative description	2,500	Coleen Newland (RN)	Jacek Murawski (RN) Brett Augustine (RN) Karen Aguana (RN) Deb Protz (RN) Gerd Maisey (RN)	AnneMarie Kaan (RN) (Dec 2012 -); Tarnia Taverner (RN - UBC SON) (thru Dec 2012)	This team has conducted two conference presentations and has been invited to submit two journal manuscripts.
Would bariatric obstetrical patients benefit from an interdisciplinary practice standard?	2,500	Jenna Baumgartner (RN)	Amy Cronmiller (RN) Stephanie Gee (RN) Janice Donoghue (RN)	Helen Brown (RN - UBC SON)	This team presented an ePoster at the InspireNet Connect 2012 conference.
Exploration of staff's perception of the use of bed alarms on the Aspen Unit at St Vincent's Langara Residential Care	2,500	Bina Randhawa (RN)	Karima Kurji (RN) Jane Wong (RN)	Jo-Ann Tait (RN)	This team presented an ePoster at the InspireNet Connect 2012 conference.
An exploratory study of the factors influencing individuals' decisions to be assessed for transaortic valve implantation	5,000	Leslie Achtem (RN)	Jackie Forman (RN)	Sandra Lauck (RN)	This team presented at the Canadian Cardiovascular Congress and the Canadian Geriatric Association in Oct 2012. They presented an ePoster at the InspireNet Connect 2012, and at the Ethel Johns and Gerontological Nurses meetings. A manuscript is under revision by the European Journal of Cardiovascular Nursing. NOTE – The mentors for this team were awarded a CIHR Catalyst Grant to continue and expand on their research.
Issues, barriers and or themes associated with implementation of the induced hypothermia protocol in the ICU	2,500	Sarah Shepherd (RN)	Kevin Carriere (RN)	Michelle Jones (RN)	This team presented at the PHC ICU Research Day and SPH Emergency Dept rounds in Oct 2012. They presented at the Critical Care Conference in Sep 2013. Accepted by the BC Patient Safety and Quality Council Academy to continue their research; webinar session conducted in 2013. Presented during Rapid Fire Session at the Quality Forum in Feb 2014. A paper has been submitted for publication. The project was written up in the CACCN BC Chapter newsletter. A larger study is being developed, based on this project. Paper published in Dynamics – Journal of the Canadian Association of Critical Care Nurses 2014 (vol 25, no 2).
How does indirect calorimetry/measured energy expenditure compare to 25-30 kcalorie/per kg which is commonly used in the ICU setting?	2,500	Laurel Aeberhardt (RD)	Andree Richardson (RD) Jacqui Thornhill (RD)	Holly van Heukelom (RD)	The team presented a poster at VCH/PHC's Dietetics in Action conference in April 2012.
Does an ADL re-activation program improve patient functioning at the time of discharge?	2,500	Heather Burrett (OT)	Gagan Toor (OT) Erline Wong-Sing (OT) Christine Schiller (OT) Tara Witham (OT)	Sandy Leznoff (OT)	This team presented at the Canadian Association of Occupational Therapists meeting in May 2013. Presentation made to groups of peers.
Use of patient questionnaire to obtain patient feedback for evaluation of interdisciplinary outpatient rehab program for people with Parkinson's Disease	2,500	Amanda Arione (PT)	Barbara Lang (SLP) Jeanne Harborne (OT)	Alison Hoens (PT)	Project results shared with VCH/PHC Physiotherapy Step-Up Research and Education Day Spring 2014; Neurologists, PTs, OTs, and SLPs working with patients who have Parkinson's disease; leadership group at HFH; PABC, BCASLPA and BCSOT to disseminate to their members; the NSD of CPA, CASLPA, CAOT to disseminate to their members; & Parkinson's Society of B.C.

Project Title	Funded Amount	Leader	Members	Mentor	Status
Does the use of cannabis have a place in the symptom management of cystic fibrosis?	2,500	Kathleen Lee (RD)	Pat MacDiarmid (SW) P Wilcox (MD)	Steve Shalansky (Pharmacist)	This team won Best Poster Award at the Canadian Society of Hospital Pharmacists 2012 annual meeting. They presented a poster at the North American Cystic Fibrosis Conference and the Quality Forum 2013 conference. Presentations were given at the PHC Interprofessional Research, Education and Practice Conference 2012 and the Dietetics in Action Conference 2013. A presentation was made locally to the Social Work Case and Point Presentations 2012.
Differences at baseline and at six months post-discharge in the characteristics of patients who choose to decline versus those who choose to participate in one of three multidisciplinary geriatric programs	2,000	Julie Cheng (PT)	Brenda McKnight (PT) Alys Pinto (OT) Eve Lyon (SW) Kathy Petts (PT) Carol Horii (PT)	Pat Camp (PT) (mentor was Janet McElhane March 2011-June 2012)	This team is working with their mentor to begin a second research project building on the findings from this project. A manuscript has been submitted to the Journal of Geriatric Physical Therapy.
Identify and deal with the oxygen needs of patients needing home oxygen	1,280	Celina Fernandes (PT)	Nora McKellin (SW) Michelle Liu (RN)	Lillian Hung (RN) (mentor was Janet McElhane March 2011-June 2012)	Presented at the Canadian Conference on Dementia 2013 (abstract published in Canadian Geriatrics Journal 2013 vol 16 no 4) and the UBC Graduate Student Symposium May 2014. Team leader awarded the Physiotherapy Team Excellence Award for Dedication to Physiotherapy Research 2014. Team is working toward standardizing oxygen needs and providing patient education materials.
Qualitative exploration of St. Vincent's Hospitals, Langara Residential Interdisciplinary Team Admission ("Moving-In") Process	2,500	Paramjit Kalkat (OT)	Karima Kurji (RN) Vashti Timmermans (RD) Kit Chan (RD)	Maura MacPhee (RN - UBC SON)	The team has made several oral and poster presentations to their colleagues, including info sessions, retreats, leaders' group meetings and new staff meetings. They presented a poster at the InspireNet Connect 2012 conference in Nov 2012, the Canadian Association of Occupational Therapists 2013 conference, the UBC OT Bridges Workshop in 2013, Dietetic in Action conference 2013, and Dialogue on Aging Geriatric Services conference 2013. Presentation given at the Eden Alternative Philosophy International Conference May 2014. A paper was published in Canadian Nursing Home 2013 (vol 4, no 4).
Validating the screening tool for psycho-social distress (STOP-D) in an inpatient cardiac population	5,000	Quincy-Robyn Young (Psychologist)	Susan Roth (RN) Ann Broadberry (RN) Michelle Nguyen (RN)	Martha Mackay (RN)	This team presented their research at the Canadian Cardiology Congress in both a poster and an oral presentation, and presented at the shared SPH/VGH Cardiology and Cardiac Surgery grand rounds in Dec 2012. A manuscript has been published in the European Journal of Cardiovascular Nursing (ePub Aug 19 2014).
A standardized assessment of the Chinese renal nutrition patient education materials at Providence Health Care	2,500	Jiak Chin Koh (RD)	Winphia Koo (RD)	Ann Vanderbijl (thru June 2012); team completed their project without a mentor	This team submitted a written report to the Clinical Nutrition and Renal programs. They presented a poster at the Dietitians in Action event (Apr 2012). They did oral presentations at the PHC Dietitians' Retreat (Mar 2013) and the PHC Peritoneal Dialysis Operations meeting. An ePoster was presented at Dietetics in Action 2013. They are presently writing a paper for submission to the Journal of Renal Nutrition.

## Research Challenge 2012 – Funded Team List

Project Title	Funded Amount	Leader	Members	Mentor	Status
Can a Nurse Initiated Pain Protocol (NIPP) improve pain management in the Emergency Department?	4,000	Janice Muir (RN) / Pat Munro (RN)	Eric Grafstein (MD) Angus Kinkade (Pharmacist) Julian Marsden (MD) Beena Parappilly (RN) Gisha Ashly (RN)	Anne Dewar (RN)	This team presented a work-in-progress at the BCNU conference 2013 and the InspireNet conference in Sept 2013. Presented at the Ethel Johns meeting Jan 2014.
Patient perspectives on frequenting the Emergency Department	4,000	Katherine MacPhee (SW)	Alison Rowe (SW) Allison Palubiski (SW)	Harvey Bosma (SW)	This team will present to SPH social workers, and at Psychiatry Grand Rounds, as well as at Rounds in Emergency. Presented at the Ethel Johns meeting Jan 2014. A manuscript has been submitted.
"To bleed or not to bleed" - Does individualized treatment decrease non-traumatic bleeds, increase physical activity and increase quality of life in adults with severe hemophilia?	4,000	Kami McIntosh (RN educator) / Sandra Squire (PT)	Claude Bartholomew (SW)	Pat Camp (PT) and Shannon Jackson (MD)	Awarded the PHC Best Patient Safety Award 2014. Awarded the BC Patient Safety Council Award 2015. This team shared their findings at the BC Hemophilia Program Collaboration and Research Update, and at the Canadian Hemophilia Centers' annual AGM. They presented at the World Federation of Hemophilia Congress 2014 (2 presentations), the Centre for Blood Research Symposium 2014, the Canadian Association of Nurses in Hemophilia Care Education meeting 2014, and the International Conference on Patient- and Family-Centered Care 2014. The team was awarded the Canadian Hemophilia Society Baxter Fellowship for 2014-15 to continue their research.
Evaluation of an intervention to enhancing in-centre hemodialysis patients' self-care ability	4,000	Michelle Trask (RN)	Mercedeh Kiaii (MD) Camille Rozon (Change specialist) Fong Huynh (Pharmacist) Dave Morrison (RN) Gillan Carter (RN) Huinfang (Afia) Min (RN) Stan Marchuk (NP)	Martha MacKay (RN)	Two presentations were made at the International Council of Nurses 25 <sup>th</sup> Quadrennial Congress (May 2013). Presented at the Canadian Association of Nephrology Administrators' Annual Summit 2013, BC Kidney Days 2013, Ethel Johns meeting Jan 2014 and the BC Quality Forum 2014. Abstract accepted to the International Society of Nephrology meeting 2015. A manuscript is being prepared for journal submission.
Preoperative nutrition screening in colorectal surgery patients in Providence Health	4,000	Tanya Leung (RD)	Lona Cunningham (RN) Jaki Thornhill (RD)	Stephen Parker (RN)	Project completed. Presentation at the Dietitians in Action meeting 2014. Manuscript is currently under production.
Overweight and obesity status in a Canadian HIV outpatient population	2,000	Jenn Messina (RD)	Alena Barron (RD) Jane McCall (RN educator)	Jiak Chin Koh (RD)	Poster presented Apr 2013 at CANAC (Canadian Association for Nurses in AIDS Care), Connect 2013 InspireNet conference, AIDS Care Rounds 2013, Dietitians in AIDS Care group 2013, and Dietetics in Action Conference 2014. This team's work has become the backbone of a new research study on food insecurity and overweight/obesity. Paper published in the Journal of the Association of Nurses in AIDS Care 2014 (vol 25, no 6).
Intensive dietician follow-up to a carbohydrate counting class to improve diabetic patients' ability to carbohydrate count	3,000	Maureen Berner (RD)	Dora Ng (RD)	Kristin Westland	

A qualitative study of the new graduate experience within an acute cardiac specialty area	3,000	Marie McCoy (RN) / Ruhina Rana (RN)	Alexia Gillespie (RN)	Maura MacPhee (RN)	This team presented their findings at the Connect 2013 InspireNet conference and the Canadian Cardiovascular Congress. They have also been invited to present a webinar for a group working with new nursing graduates, and at the PHC Heart Centre Nursing Rounds, the SPH Nursing Practice Council and the SPH Nurse Educator meeting. A paper is being written for submission to the Journal of Cardiovascular Nursing.
Computer-based cognitive training for Chinese patients with mild cognitive impairment and mild dementia: a preliminary pre-post design study	4,000	Josephine Poon (OT)	Tineke Saul (SW) Joy Liao (MD) Alys Pinto (OT) Mary Gallop (Volunteer Coor.) Lillian Hung (RN)	Sandy Leznoff (OT)	
The Physical Environment on a geriatric psychiatric unit: how it plays a Role of Support or Obstructs person and family centred care Needs (PERSON)	4,000	Lillian Hung (RN) / Elizabeth Loewen (RN)	Debra McLaren (RPN) Buffy Bindley (RN) Travis Feist (RN)	Alison Phinney (RN)	Presented at the Canadian Conference on Dementia 2013 (abstract published in Canadian Geriatrics Journal 2013 vol 16 no 4), the Tapestry Geriatric Conference 2013, and the UBC Graduate Student Symposium May 2014. Paper published in the <i>Journal of Gerontological Nursing</i> 2014 (vol 40, no 9).
Anxiety in the elderly: a treatable condition that is being missed?	4,000	Karin Christensen (Psychologist)	Karen Pott (OT) Aiko Yamamoto (Psychologist)	Sherri Hayden (Psychologist)	The team has presented their findings to their colleagues at site council meetings. A poster was presented at the Dialogue on Aging Conference 2013.

## Research Challenge 2013 – Funded Team List

Project Title	Funded Amount	Leader	Members	Mentor	Status
Development of a <i>Clostridium difficile</i> infection clinical risk prediction tool in medical in-patients	6,000	Winnie Ma, (Pharmacist)	Josh Batterink (Pharmacist) Victoria Su (Pharmacist) Anca Jelescu-Bodos (Pharmacist)	Steve Shalansky (Pharmacist)	Study in final stages of investigation. Presented at the Healthcare Education and Research rounds Oct 2014.
Hypovitaminosis D and chronic musculoskeletal pain in cystic fibrosis: a pilot study	6,000	Brigette Wilkins (PT)	Kathleen Lee (RD)	Jennifer Kendrick (Pharmacist)	
What are the most relevant demographic, clinical, physical, mental and social factors associated with the readmission of adult medical patients at St Paul's Hospital?	4,000	Beena Parappilly (RN)	Marco Catalano (RN) Jessica Mak (RN) Aiza Yap (RN) Cheryl McColl (RN)	Rick Sawatzky (RN)	Presented at the Ethel Johns meeting Jan 2014, and the International Conference on Patient and Family Centred Care 2014. Poster presented at Quality Forum 2014.
Patient and caregiver experience with tracheostomies at PHC and implications for patient- and family-centred care	4,000	Maria Li (RRT)	Catherine Sanders (RRT) Emily Chiu (RRT)	Jordan Guenette (PT)	Presented at the Ethel Johns meeting Jan 2014.
Experiences of educators who have participated in the Educator Pathway Program: a qualitative descriptive study	4,000	Shelley Fraser (RN)	Susan Roth (RN) Kara Vogt (RD)	Marion Clauson (RN)	
Blood sampling practices in critical care: how critical are they?	4,000	Janie Venis (RN)	Martina O'Regan (RN) Mia Marles (RN)	Martha Mackay (RN)	Presented at the Dynamics Critical Care Conference Sep 2014.
Across the bridge: building a seamless transition for pediatric kidney transplant recipients to adult care	4,000	Clare Bannon (RN)	Rhonda Federici (RN) Ben Cesar (SW) Nancy Szeto (RN) Sally Kwan (RN) Jane Kerr (RN) Linnea Young (RN) Janelle Gehring (SW)	Annemarie Kaan (RN)	Poster presented at Quality Forum Feb 2014. Accepted to the Canadian Association of Nephrology Nurses and Technologists (CANNT) meeting Oct 2015.
A prevalence study of childhood trauma among HIV-positive women admitted to the HIV Service at St Paul's Hospital	3,000	Patricia Lauridsen-Hoegh (RN)	Jane McCall (RN) Dave Unger (MD)	Julia Kille (RN)	Presented at Canadian Association of Nurses in HIV/AIDS Care (CANAC) meeting May 2015. Featured in the Electronic Health Library of BC (e-HLbc) newsletter.

## Research Challenge 2014 – Funded Team List

Project Title	Funded Amount	Leader	Members	Mentor	Status
Is food insecurity a risk factor for overweight and obesity in an urban, outpatient HIV-positive population?	4,000	Jenn Messina (RD)	Alena Spears (RD)	Jane McCall (RN)	
Examining the impact of blood flow rate on hemodialysis urea clearance	4,000	Keira St. George (LPN) Lynda Whitlum (RN)		John Duncan (MD)	
Citrate versus high flow for continuous renal replacement therapy (CRRT) in critically ill patients: what method best suits our ICU?	4,000	Kevin Carriere (RN)	Sarah Carriere (RN)	Najib Ayas (MD)	
From revolving door to continuity of care: improving health outcomes for clients admitted repeatedly in acute psychiatric settings	4,000	Julie Campbell (RN)	Kofi Bonnie (RN)	Colleen Varcoe (RN)	
Improving health outcomes for clients with dual diagnosis in adult psychiatric settings	3,000	Colin McWilliams (RN)	Kofi Bonnie (RN) Kelly Kompelien (RN)	Vicky Bungay (RN)	
Psychological distress in young adults with congenital heart disease and implantable cardioverter defibrillator: a feasibility study	4,000	Sarah Cockell (Psychologist)	Emma Iacoe (RN) Alexia Gillespie (RN) Santabhanu Chakrabarti (advisor, MD)	Quincy Young (Psychologist)	
Exploring optimal bedrest times in stable patients undergoing Transcatheter Aortic Valve Implantation (TAVI)	4,000	Jenny Knoll (RN)	Stephanie Ahuja (RN) Trish Grespan (RN)	Sandra Lauck (RN)	
What are the factors associated with time to extubation in patients that have successfully completed a Spontaneous Breathing Trial: A prospective observational study	4,000	Lena Farina (RRT)	Julie Rugayan (RRT) Jennifer Ladouceur (RRT)	Jason Nickerson (RRT)	
Addressing the gap in adult eating disorder nutritional recovery: transitioning patients from intensive treatment to home	4,000	Ali Eberhardt (RD)	Tanya Friesen (RD) Nicole O'Byrne (RD) Kosa Matic-Smyrnis (RD) Kim Williams (RD)	Josie Geller (Psychologist)	
Implementation of a pilot protected mealtime for patients on the Surgical Reactivation Unit (SRU) at St. Paul's Hospital and its effect on mealtime experience and nutritional intake	4,000	Vanessa Lewis (RD)	Maude Henri-Bhargava (RD)	Holly van Heukelom (RD)	
The Gentle Persuasive Approaches (GPA): evaluation of a person-centred approach to dementia care	4,000	Elizabeth Loewen (RN)	Lillian Hung (RN) Elisabeth Drance (MD) Bernardina Deato (RN) Amy Zwicker (Psychologist)	Susan Dahinton (RN)	
Evaluation of young people's experiences with Inner City Youth's implementation of BCCDC's Take Home Naloxone Kit (THN)	4,000	Elise Durante (SW)	Keren Mitchell (RN) Chantell Dunlop (NP)	Jane Buxton (Epidemiologist) Ashraf Amlani (Epidemiologist)	