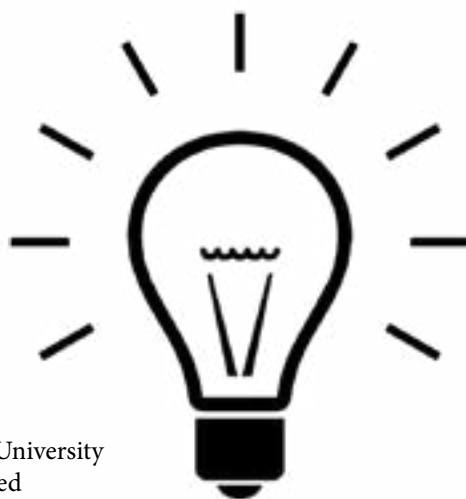


# Department of Evaluation and Research Services

A Year in Review: 2015-2016 Report



## Highlights



\$1,900,000

Awarded to Fraser Health and Simon Fraser University to form the CIHR Strategy for Patient Oriented Research Fraser Regional Centre for 2016-2021

14 Studies funded by external funding agencies for a total value of \$440,558

125,168 Consent to Contact Research Participants

## Facts

Fostering a Culture of Curiosity in a Climate of Spirited Scientific Inquiry.

ONE

40,519

Electronic downloads for reference publications overseen by Library Services

FOUR

64

Research and evaluation learning opportunities: workshops, Researchers' Cafes, and Research Week

SEVEN

18

Academic researchers became affiliated

TWO

250

Studies were conducted monthly

FIVE

Fraser Health Research Ethics Board Reviews

132

New research studies

EIGHT

26,942

Patients and clients were research participants

THREE

Library Services ROI

\$2.30

for every

\$1.00

SIX

175

Fraser Health researchers conducted clinical, population health and health services research

NINE

DERS Methodology Unit

439

Research project consultations

13

Evaluation consultations

632

Literature searches

# Fraser Health Research Kudos

## ABORIGINAL HEALTH

### Leslie Bonshor

- \$90,944 Vancouver Foundation Grant  
“Cultural Safety Policy as a Tool for Improving Access to Primary Health Care for Aboriginal People”

## LIBRARY SERVICES

### Michelle Purdon

- Library Manager, was the sole Canadian co-author for the publication “Demonstrating the Financial Impact of Clinical Libraries: A Systematic Review”

## MEDICAL IMAGING

### Dr. Ryan D’Arcy, PhD

- SMH Neurotech Lab – SFU Partnership  
\$3,600,000 Western Economic Development Fund to purchase and install a MRI 3 Tesla and a magneto encephalography (MEG) unit in SMH’s new Image Tech Lab

## MEDICINE

### Dr. Tabassum Firoz, MD

- \$9,920 Vancouver Foundation Grant  
“Postpartum Cardiovascular Risk Reduction in South Asian Women”

## MEDICINE

### Dr. Sonia Singh, MD

- \$9,920 Vancouver Foundation Grant  
“Supporting Aboriginal Elders on Reserve to Remain in their Own Homes, Independent and Mobile for as Long as Possible”

## PHARMACY

### Dr. Clifford Lo, PharmD

- \$98,806 Kidney Foundation of Canada Grant  
“Assessing Preferences for Subsequent Entry Biologics of Erythropoiesis Stimulating Agents for Treatment of Anemia in Chronic Kidney Disease: A Discrete Choice Experiment”

## SURGERY

### Lisa Ewart

- \$11,356 UBC Faculty of Medicine  
“Training Nurses to Identify Declining Patients on General Medical Unit and Communicating Status”

## WORKPLACE HEALTH

### Ross Gibson

- \$50,000 WorkSafe BC Grant  
“Evaluating the Generalizability and Efficacy of Implementing Safe Wards Across a Variety of Care Settings in Fraser Health”

# Notable Internal Awards

## STRATEGIC PRIORITIES GRANTS

- Dr. David Erickson, PhD (MHSU) \$10,000
- Liz da Silva (Clinical Nutrition) \$10,000
- Michelle Tsai (MHSU) \$10,000

## SEED GRANTS

- Pet Ming Leung (Rehab) \$5,000
- Dr. Caroline Mariano, MD (Oncology) \$5,000
- Tina Moran with Dr. Lynne Feehan, PhD as Co-PI (Rehab) \$5,000
- Katayoon (Kathy) Riyazi (Primary Care) \$5,000

# Adoption and Uptake

## Population and Public Health Research Impact

### What?

- Studied attitudes towards clinical prevention among Surrey's South Asian population and identified barriers and facilitators to accessing service. *PI: Dr. Victoria Lee, MD, Co-I: Rachel Douglas, and Co-I: Dr. Arun Garg, MD*

### Then What?

- Results showed that the greatest barriers to full utilization of primary care are: 1) short visit duration; 2) no time for discussion or questions; and, 3) the one issue per visit policy.

### Now What?

- Published in the [Canadian Medical Association Journal](#)
- Results used to inform decision making about the Primary Care Home Development project with the Interdivisional Council for Divisions of Family Practice.

## Emergency Research Impact

### What?

- Studied whether self-suture kits can be used by patients to remove simple sutures. *PI: Dr. Peter MacDonald, MD*

### Then What?

- Results showed that patients and emergency

physicians agreed that this would be effective and not result in patient harm.

### Now What?

- Use of self-suture kits implemented in Emergency Departments across Fraser Health so patients do not need to return for suture removal which therefore reduces burden on the health care system.

## Rehabilitation Research Impact

### What?

- Explored differences in length of stay (LOS), functional gain while in care and home discharge disposition for stroke patients in two Fraser Health inpatient high intensity rehabilitation settings following implementation of a standardized process for defining the 'Targeted discharge date' based on Rehabilitation Patient Group (RPG) status at the time of admission. *PI: Cindy Chan*

### Then What?

- Results showed a significant overall reduction in median LOS of 4.5 days, with a greater reduction in median LOS in longer stay patients.

### Now What?

- Implemented a standard process for targeted discharge planning within different RPG groups for stroke patients in high intensity inpatient rehabilitation settings.

# Research Ethics

## BCEHI - BC Ethics Harmonization Initiative

Improving Efficiency of Reviews: The above minimal risk review process for the BC Ethics Harmonization Initiative has been implemented in addition to the minimal risk review process. This means that researchers need to submit only ONE application to an initial research ethics board of record. That research ethics board (REBs) distributes the ethics application and research documents to REBs for the other sites where the study will be conducted. Reviews are conducted by each REB with their decisions consolidated into one decision document, i.e. modifications required or approved, which is then sent to the researcher. This eliminates the researcher having to submit multiple ethics application forms and respond to multiple REBs.

## Research Ethics Board Member Announcement

Dr. Allan Belzberg, MD, Dr. Aaron Tejani, PharmD and Professor Lindsay Meredith, PhD received 10 year meritorious service awards in recognition of their significant volunteer contributions to the ethical conduct of research in Fraser Health as members of the Fraser Health Research Ethics Board.