

# Highlights



# \$22,180,453

Cumulative external research funding to date



# 58

COVID-19 research and evaluation projects



# 25

Studies funded by external funding agencies for a total value of



# \$2,067,402

# Nine Facts

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

ONE

# 31,752

Electronic journals accessed overseen by Library Services

FOUR

# 35

Research and evaluation learning opportunities: workshops and Researchers' Cafes

SEVEN

# 24

Academic researchers became affiliated

TWO

# 129

Patient partners involved in research, operations & governance

FIVE

Fraser Health Research Ethics Board Reviews

# 163

New research studies

# 597

Amendments/renewals of previously approved studies

EIGHT

# 60

Fully executed clinical trial agreements (including amendments)

THREE

# 6,309

Electronic book chapters accessed

SIX

# 243

Active principal investigators

NINE

DERS Methodology Unit

# 77

Research project consultations

# 27

Evaluation & quality improvement consultations

# 604

Literature searches

# Fraser Health Research Kudos

## ABORIGINAL HEALTH

### Vishal Jain

- \$298,034.76 Vancouver Foundation - Systems Change Develop Grant  
“La vway Deu/Neso”

## CRITICAL CARE

### Michelle Nicholas

- \$9,700 BC SUPPORT Unit Fraser Centre - Patient Oriented Research  
“Use of a novel digital interactive device for the management of delirium in the critical care environment”

### Steve Reynolds

- \$150,000 Royal Columbian Hospital Foundation - Research Fund  
“COVID-19 Observational study of lung mechanics and interaction with mechanical ventilation”

## EATING DISORDERS

### Joan Fujiwara

- \$9,700 BC SUPPORT Unit Fraser Centre - Patient Oriented Research  
“Promoting wellbeing for children and youth with eating disorders by integrating human, animal and environmental health in an equine-assisted psychotherapy pilot study”

## EMERGENCY MEDICINE

### Carolyn Kelly-Smith

- \$5,000 Royal Columbian Hospital Foundation - Research Fund  
“Utility of high sensitivity troponin in the diagnosis and prognosis of blunt cardiac injury – a feasibility study”

## EMERGENCY MEDICINE

### Brian Deady

- \$17,600 Royal Columbian Hospital Foundation - Research Fund  
“The Prevalence of Asymptomatic, COVID-19-positive healthcare workers in a large urban canadian hospital”

### Ali Abdalvand

- \$20,000 BC SUPPORT Unit Fraser Centre - Fraser Centre Directed Award for Patient Oriented Research  
“Intravesical antifibrinolytic for patients with hematuria and clot retention - a feasibility study”

## EVALUATION AND RESEARCH SERVICES

### Xiaowei Song

- \$9,700 BC SUPPORT Unit Fraser Centre - Patient Oriented Research  
“A multimodal MRI study targeting the neuroinflammatory response in the brain of patients with myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS)”

- \$20,000 BC SUPPORT Unit Fraser Centre - Patient Oriented Research  
“Neuroinflammation in Myalgic Encephalomyelitis: A pilot functional magnetic resonance imaging and spectroscopy study”

### Xiaowei Song and Kiarash Khodabakhshi

- \$7,000 BioTalent - Student Work Placement Program

# Fraser Health Research Kudos

## EVALUATION AND RESEARCH SERVICES

### Gregory Haljan

- \$1,000,000 AbCellera/ Surrey Hospitals Foundation - Research Fund
- “B-EPIC. A Phase 4 Pragmatic Study of Bamlanivimab/LY-CoV555 for Emergency Passive Immunity against COVID-19”

## OCCUPATIONAL HEALTH

### Jakie Ellis

- \$50,000 WorkSafeBC - Innovation at Work
- “Change Management Process: The Introduction of Closed System Drug Transfer Devices (CSTDs) to Reduce Occupational Exposure to Hazardous Drugs”

## LONG TERM CARE & ASSISTED LIVING

### Janice Sorensen

- \$10,000 BC SUPPORT Unit Fraser Centre - Fraser Centre Directed Award for Emerging Teams in COVID-19 Patient Oriented Research
- “Fostering meaningful partner engagement in covid-19 research and evaluation in long-term care and assisted living at fraser health authority”

### Akber Mithani

- \$141,879 Canadian Foundation for Health-care Improvement and the Canadian Patient Safety Institute - Implementation Science Teams - Strengthening Pandemic Preparedness in Long-Term Care Initiative
- “A Resident/Family-Centred, Team-Based Quality Improvement Collaborative Approach to Comprehensive Pandemic Preparedness in Long-Term Care Homes (PAPLOC)”

## OLDER ADULT

### Sonia Singh

- \$103,513 Canadian Frailty Network - Indigenous Health Grant
- “Keeping our Nlaka’pamux Elders at Home”

### Sonia Singh and Arashdip Bal

- \$7,000 BioTalent - Student Work Placement Program

## MENTAL HEALTH AND SUBSTANCE USE

### Nitasha Puri

- \$48,274.90 BC SUPPORT Unit Fraser Centre - Fraser Centre Directed Award for Emerging Teams in COVID-19 Patient Oriented Research
- “Experiences of People Accessing Virtual Opioid Agonist Treatment during COVID-19: A Mixed Method Study”

# Notable Internal Awards

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## STRATEGIC PRIORITIES GRANTS

- **Laurie Parker**
  - “Exploring inpatient unit staff experience with emergency department crowding, access and flow and associated patient outcomes”
  - \$10,000 funding from Surrey Hospitals Foundation
- **Stephanie Assmann and Sonya Chan**
  - “Comparing pneumonia rates in adult inpatients with oropharyngeal dysphagia”
  - \$10,000 Funding from Ministry of Health

## SEED GRANTS

- **Jessica Kromhoff**
  - “Examining nurse practitioner experiences in delivering virtual care during the covid-19 pandemic”
  - \$5,000 funding from Professional Practice
- **Leighla Cuff and Darcee Cooper**
  - “COVID-19 Pandemic: exploration of healthcare social workers’ work experiences and potential effects on their mental health”
  - \$5,000 Funding from Mental Health and Substance Use (MHSU)
- **Hannah Varto**
  - “Serious health complications following non-fatal strangulation as interpersonal violence: prevalence and health care system utilization”
  - \$5,000 Funding from Fraser Health Department of Evaluation and Research Services
- **Joshua Paulton and Amanjot Gill**
  - “Brief Virtual mindfulness mediation group therapy effectiveness for anxiety and depression in community mental health clients during COVID-19 global pandemic”
  - \$5,000 Funding from Fraser Health Innovation and Virtual Health

# Directed Award for Emerging Teams in COVID-19 Research

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In 2020, the Fraser Centre administered a Directed Award for Emerging Teams in COVID-19 Research. A team from Fraser Health Mental Health and Substance Use (MHSU) received \$48,275 for a project titled “Experiences of People Accessing Virtual Opioid Agonist Treatment during COVID-19: A Mixed Method Study”.

This project addresses three priority health issues: the COVID-19 pandemic, the opioid crisis, and rapid growth in Virtual Health. The project involved patient engagement of a hardly-reached community and necessitated that recruitment and team collaboration be tailored to this population. This in turn led to the development of a new two-part Trauma and Resiliency Informed Practice (TRIP) training workshop for those in research, evaluation and QI.

Fraser Centre’s Patient Engagement Specialist, along with MHSU staff and patient partners (service users) from the Opioid Agnostic Treatment research project, co-created the content and facilitation guide for this workshop. To date, over 400 participants in British Columbia have attended this training, with participants coming from all areas of Fraser Health, Vancouver Coast Health, Provincial Health Services Authority, and the BC Patient Safety and Quality Council. There has also been a high number of undergraduate and graduate student attendees.

The Fraser Centre Patient Engagement Specialist and Fraser Health MHSU staff are also collaborating with a staff member from FH’s Indigenous Cultural Safety program to develop a TRIP resource for research and evaluation. Permission was obtained from the First Nations Health Authority to incorporate elements from their recently released Trauma Informed Practice guideline for COVID-19 research

There is growing recognition that there is no such thing as value free science as cultural, political, social, linguistic, and economic origins of perspectives including those engaged in inquiry affect who is involved, what gets measured and what gets reported. More so, research and evaluation activities can no longer be viewed as a neutral activity, as the effects of individual and collective experiences of trauma can be triggered and activated. This workshop is two parts (3.5 hours each) and is intended to build your knowledge and enhance your skills for trauma and resiliency informed research and evaluation practices to: increase trauma awareness and its effect; enhance safety and trustworthiness, foster collaboration; broaden your perspective and mitigate ‘tunnel vision’; and, reduce bias and discrimination

Specific learning outcomes include:

1. Define what is psychological, social, and ambient trauma and recall different types of trauma that can be experienced in evaluation and research projects.
2. Become familiar with the effects of trauma (past and current) for patients, families and service providers that can be activated during research and evaluation activities
3. Apply skills and tools to reduce the effects of re-traumatization and increase effective patient, family and service provider engagement and safety during evaluation and research projects
4. Appraise your own response to distress experienced from trauma and become familiar with compassion led strategies that support your resiliency as an evaluator and/or researcher

To learn more about the TRIP workshops, please contact Beverley Pomeroy at [beverley.pomeroy@fraserhealth](mailto:beverley.pomeroy@fraserhealth).