

2021-2022 GRANTS SUMMARY (FUNDING RECEIVED)

\$38.9M

2021-2022 total funding
(successful applications)

97

successful applications

70%

of grants awarded in 2021-22
was from sources outside Alberta

TOTAL FUNDING BY SOURCE



NOTES:

These metrics include work SCNs are leading, collaborating on, or supporting. They do not include funding for work done part of members' other roles, responsibilities or affiliations, nor do they include the 39 additional competitions pending as of March 31, 2022. All grants that are part of multi-SCN collaborations are counted only once.

SCNs	Provincial Programs
 <u>Bone and Joint Health</u>	 <u>Indigenous Wellness Core</u>
 <u>Cancer</u>	 <u>Primary Health Care Integration Network</u>
 <u>Cardiovascular Health & Stroke</u>	 <u>Provincial Addiction & Mental Health</u>
 <u>Critical Care</u>	 <u>Provincial Population & Public Health</u>
 <u>Diabetes, Obesity & Nutrition</u>	 <u>Provincial Seniors Health & Continuing Care</u>
 <u>Digestive Health</u>	
 <u>Emergency</u>	
 <u>Maternal, Newborn, Child & Youth</u>	
 <u>Medicine</u> (includes Hospital Medicine, Kidney Health and Respiratory Health)	
 <u>Neurosciences, Rehabilitation & Vision</u>	
 <u>Surgery</u>	

Other Search Options

- By [Primary Investigator \(Surname\) or Keyword](#)
- By [Funding Agency or Competition](#) – see list on next page
- By [Affiliation \(Research Institute or University\)](#) – see list on next page

Notes

1. Grants are listed by area of health and topic. Many of the grants support research on clinical pathways, models of care, diagnosis and treatment, system performance and transformation, enhanced patient and family experience and improved outcomes. Name and affiliation of the primary investigator (PI) and co-investigators (Co-I), funding agency, grant value and duration are included for all successful grants.
2. Grants included in this list are for work the SCN or Provincial Program is leading, collaborating on, or supporting. The list does not include project funding for work unrelated to Alberta's Strategic Clinical Networks or Provincial Programs.
3. The role of SCN and Provincial Program leaders is indicated, where applicable. SCN leaders include the scientific director (SD), assistant scientific director (ASD), senior provincial director (SPD) or senior provincial officer (SPO), senior medical director (SMD), executive director (ED), manager (MGR), and research scientist (RES SCI).
4. Where SCN or Provincial Program leaders are not listed as a PI, Co-PI or Co-I, the grant has been awarded to a scientist/investigator other than the SD or ASD who works within the Provincial Program and engage in scientific research, knowledge generation and innovation activity that supports the Program.
5. Grant applications that were submitted during the 2021-2022 fiscal year are listed as 'pending' if the outcome was not known by the end of the 2021-2022 fiscal year.



Metrics reflect the status of grants, publications, and funding awards at the end of the fiscal year. As such, those listed as 'pending' of March 31, 2022 were not counted in the summary metrics (even if their status is now known) to avoid double-counting and ensure consistent year-to-year reporting. Grants, awards, publications and other achievements since March 2022 will be captured in next year's report.

6. The funding period and allocation of grant funding varies. Grants listed here were announced in the fiscal reporting period (April 1, 2021 to March 31, 2022). For consistency in reporting, the total value is included in summary metrics even if the annual allocation may be less than the total value. Multi-year grants are counted and reported only once (i.e., full value reported in the fiscal year they are announced).
7. Further detail on performance indicators related to grant funding is provided in the [2021-2022 Impact Report, Appendix A](#).

Abbreviations

Funding sources

AHRQ - Agency for Healthcare Research & Quality
AHS – Alberta Health Services
ARNET – Alberta Registered Nurses Educational Trust
CIHR – Canadian Institutes for Health Research
CPAC – Canadian Partnership Against Cancer
INSPQ – Institut national de santé publique du Québec
MacNeill – Brian and Brenda MacNeill Chair in Pediatric Surgery (Alberta Children’s Hospital Foundation)
PHAC – Public Health Agency of Canada
SSHRC – Social Sciences and Humanities Research Council of Canada
SUAP – Substance Use and Addictions Program (Health Canada)

Competitions

HIIS - Health Innovation Implementation and Spread
PRIHS - Partnership for Research and Innovation in the Health System
SPHIFR – Supporting Psychological Health in First Responders
SPOR - Strategy for Patient-Oriented Research

Affiliations

ACHRI – Alberta Children’s Hospital Research Institute
AHRQ – Agency for Healthcare Research & Quality
AHS – Alberta Health Services
ASH – Action on Smoking & Health Canada
BCCHRI – British Columbia Children’s Hospital Research Institute
HBI – Hotchkiss Brain Institute
INSPQ – Institut national de santé publique du Québec
McGill – McGill University
McMaster – McMaster University
UA – University of Alberta
UBC – University of British Columbia
UC – University of Calgary
UFerrara – University of Ferrara (Ferrara, Italy)
UOTT – University of Ottawa
USASK – University of Saskatchewan
UT – University of Toronto
WCHRI – Women and Children’s Health Research Institute

Strategic Clinical Networks



BONE AND JOINT HEALTH

SD: David Hart (UC) (former), Claire Barber (current) | ASD: Ania Kania-Richmond (UC) | SPD: Jill Robert | SMD: Jason Werle (UC) | ED: Mel Slomp | MGR: Sheila Kelly

Successful grant applications totaling \$1.02 million

AREAS OF APPLIED RESEARCH: Conservative care models | COVID-19 rehabilitation | Health services research | Inflammatory arthritis & processes | Musculoskeletal rehabilitation | Obesity & Musculoskeletal health | Osteoarthritis | Spine | Surgery during COVID-19

TOPIC	PI & AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Surgical services & COVID-19	Khara Sauro (UC)	Collaborators (Ania Kania-Richmond , ASD; Jason Werle , SMD) Knowledge User (Jill Robert , SPD)	Surgery during COVID-19: From impact to rebuilding capacity	O'Brien Institute of Public Health & Arnie Charbonneau Cancer Institute	\$120,000	2020-2022
Surgical services & COVID-19	Khara Sauro (UC)	Collaborators (Ania Kania-Richmond , ASD; Jason Werle , SMD), Knowledge User (Jill Robert , SPD)	The long and short of disruptions in surgical services due to the COVID-19 response: the impact and path forward	CIHR	\$251,716	2022-2024
COVID rehab framework	Chester Ho (SMD NRV SCN; UA)	Collaborator (Ania Kania-Richmond , ASD)	Implementation of a provincial framework for post COVID-19 rehabilitation screening and transitions planning in Alberta: A pragmatic evaluation*	CIHR	\$499,883*	2021-2023

TOPIC	PI & AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Acute care for RA patients	Cheryl Barnabe (UC)	Collaborator (Jill Robert, SPD)	Acute care use by patients with inflammatory arthritis conditions: Health system impact and solutions for ensuring appropriate ambulatory care access (Barnabe, Project Grant Fall 2021)	CIHR – Bridge funding	\$100,000	2021-2022
GLAD Budget Impact Assessment	Darren Mazzei (UC)	Co-supervisor (Jill Robert, SPD)	Developing a business case for equitable access to first-line osteoarthritis therapies in Alberta	CIHR – Health System Impact Fellowship	\$50,000	2022-2023

NOTE:

* The Provincial Framework for Post COVID-19 rehabilitation evaluation is a multi-SCN collaboration, led by the Neurosciences, Rehabilitation and Vision SCN and supported by the Bone and Joint Health SCN and the Primary Health Care Integration Network. Funding is included in the list of successful grants for each network but it is counted only once in summary metrics.



CANCER

SD: Paula Robson (UA) | ASD: Anna Pujadas Botey (UA) | SPD: Barbara O'Neill | SMD: Doug Stewart (UC)

Successful grant applications totaling \$4.01 million

AREAS OF APPLIED RESEARCH: Cancer diagnosis | Cancer treatment | Care transitions | Exercise, supportive care | Learning health system | Nutrition | Precision oncology

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Cancer diagnosis	Douglas Stewart (SMD; UC), Barbara O'Neill (SPD)	Led (leadership team)	Community strengths	Alberta Health	\$738,500	2021-2024
Cancer diagnosis	Anna Pujadas Botey (ASD, UA)	Led (Co-Is): Paula Robson (SD, UA); Barbara O'Neill (SPD)	Advancing knowledge for improved diagnosis of colorectal cancer in Alberta: Perspectives of patients diagnosed with colorectal cancer in hospital and individuals closely related to them	Alberta Registered Nurses Educational Trust (ARNET)	\$13,261	2022-2023
Precision oncology	Jennifer Chan (UC)	Led (Research lead: Paula Robson , SD, UA)	Marathon of Hope Cancer Centres Network – Prairie Cancer Research Consortium	Terry Fox Research Institute	\$1,500,000	2021-2022
Cancer treatment	Tyler Meyer (UC), Geetha Menon (UA)	Supported (Paula Robson , SD)	Brachytherapy Research Centre of Excellence	Alberta Cancer Foundation	\$1,089,749	2022-2025
Care transitions, learning health system	Fay Strohschein (UC)	Collaborated (co-advisors: Paula Robson , SD; UA; Barbara O'Neill , SPD; co-investigator:	Integrating best practices in geriatric oncology into ambulatory cancer care delivery in Alberta	CIHR Health Systems Impact Fellowship	\$155,000	2021-2023

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
		Anna Pujadas Botey, ASD; UA)				
Care transitions	Khara Sauro (UA)	Collaborated (co-investigator: Anna Pujadas Botey, ASD, UA)	Transitions in care among patients with cancer (CanTiC)	CIHR Project Grant	\$415,000	2021-2024
Exercise, supportive care	Margaret McNeely (UA), Nicole Culos-Reed (UC)	Supported (Paula Robson, SD, UA; Anna Pujadas Botey, ASD, UA)	Impact and Sustainability of Community-based Exercise for Health Promotion and Secondary Cancer Prevention	CIHR Project Grant	\$100,000	2021-2024
PENDING (AS OF END OF FY 2021-2022)						
Nutrition	Carla Prado (UA), Katherine Ford (UA)	Supported (Paula Robson, SD, UA; Anna Pujadas Botey, ASD, UA)	Nutrition knowledge as a determinant of food choice in individuals newly diagnosed with cancer	Canadian Foundation for Dietetic Research, Regular Grant	\$20,000	2022-2024
Cancer treatment	Sana Ghaznavi (UC)	Supported (Paula Robson, SD, UA; Anna Pujadas Botey, ASD, UA)	Exploring limitations in the current standard of care for thyroid hormone replacement therapy in thyroid cancer survivors	MSI Foundation	\$100,000	2022-2024



CARDIOVASCULAR HEALTH AND STROKE

SD: Colleen Norris (UA) | ASD: Christiane Job Macintosh (UC) | SPD: Shelley Valaire | Co-SMD, Cardiovascular: Michelle Graham (UA) | Co-SMD, Stroke: Michael Hill (UC) | ED: Balraj Mann

Successful grant applications totaling \$4.7 million

AREAS OF APPLIED RESEARCH: Atrial fibrillation | Cardiovascular health | Cardiac surgery | Clinical trials | COVID-19 | Endovascular therapy | Gendered social determinants of health, adverse outcomes | Research ethics | Stroke | Vascular risk reduction | Virtual care, digital technologies

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Cardiovascular; Virtual care; COVID; National collaboration	Amy Yu (Sunnybrook)	Supported (Hill MD , SMD; UC)	Virtual Innovation for Stroke Investigation and Treatment during COVID-19 across Canada (VISIT-Canada)	CIHR Network Catalyst Grant	\$200,692	2022-2024
Cardiovascular; Stroke; RCT	MD Hill (SMD, UC)	Leading (Hill MD ; SMD, UC)	A multicentre, randomized double-blinded, placebo-controlled, parallel group, single-dose design to determine the efficacy and safety of Nerinetide in subjects with acute ischemic stroke undergoing endovascular thrombectomy excluding thrombolysis	CIHR Network Catalyst Grant	\$1,518,525	2022-2024
Cardiovascular; Cardiac surgery; COVID; Impact and evaluation tools	Louis Sun (UOTT)	Supported (Graham M. , SMD; UA; Norris CM , SD; UA)	Systematic implementation and impact evaluation of data-driven cardiac surgery triaging tools to optimize operational efficiency and enhance patient outcomes during the COVID-19 pandemic & beyond	CIHR COVID Rapid Response Fund	\$500,000	2022-2024

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Cardiovascular; Stroke; Endovascular treatment	Mayank Goyal (UC)	Supported (Hill MD, SMD ; UC)	Endovascular treatment to improve outcomes for medium vessel occlusion	CIHR Network Catalyst Grant	\$1,660,361	2021-2024
Cardiovascular; Patient partners; Research ethics; Stroke	Michel Shamy (UOTT)	Supported (Hill MD, SMD ; UC)	Feasibility of advanced consent for participation in acute stroke trials	CIHR Network Catalyst Grant	\$100,000	2021-2022
Cardiovascular; Digital technologies; Vascular risk reduction	KA Nerenberg (UC)	Collaborating (Norris CM, SD; UA, Valaire S, SPD)	IMPROVE-Virtual HEALTH (Healthy Eating Active Living through Technology at Home)	Alberta Innovates	\$572,185	2021-2024
Cardiovascular; Social determinants; Gender, Atrial fibrillation	Louise Pilote (McGill), Colleen Norris (SD; UA), Valeria Raparelli (UFerrara)	Leading (Norris CM, SD; UA)	Gendered social determinants of health (SDoH) and adverse clinical outcomes in atrial fibrillation	CIHR	\$182,836	2021-2023



CRITICAL CARE

SD: Sean Bagshaw (UA) | ASD: Samantha Bowker (UA) | SPD: Nancy Fraser; Sherri Kashuba | SMD: Dan Zuege (UC) | ED: Selvi Sinnadurai | MGR: Jeanna Morrissey

Successful grant applications totaling \$1.62 million

AREAS OF APPLIED RESEARCH: Critical care | Clinical appropriateness | Health services research | Health outcomes | ICU burnout | Mixed methods | Nephrology | Transitions in care | Triage

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
ICU burnout; Critical care; Health services research	Tanya Mudry (UC)	Collaborators (Sean Bagshaw , SD, UA; Dan Zuege , SMD, UC; Samantha Bowker , ASD, UA; Nancy Fraser , SPD)	Critical care work during and after COVID-19: Exploring changing identities and practices associated with recovery from burnout	SSHRC Insight Development Grant	\$62,990	2021-2023
Clinical appropriateness; Health services research; Nephrology	Oleksa Rewa (UA)	Co-PI (Sean Bagshaw , SD, UA) Co-I (Dan Zuege , SMD, UC) Supported (Nancy Fraser , SPD; Samantha Bowker , ASD, UA)	Dialyzing Wisely: Improving the delivery of acute renal replacement therapy to Albertans**	Alberta Innovates/AHS PRIHS 6	\$830,255	2021-2024
Nephrology; Critical care; Health outcomes	Ngam Lam (UC)	Collaborated (Sean Bagshaw , SD, UA) Supported (Nancy Fraser , SPD; Samantha Bowker , ASD, UA; Dan Zuege , SMD, UC)	Follow-up and outcomes of critically ill patients with acute kidney injury	Kidney Foundation of Canada – Kidney Health Research Grant	\$97,138	2021-2023

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Critical care; Health outcomes; Transitions in care	Eric Sy (USASK)	Co-I (Sean Bagshaw , SD, UA)	Saskatchewan Virtual follow-up clinic of patients directly Discharged Home from ICU (Vi-DISH)	Saskatchewan Health Research Foundation – Establishment Grant	\$120,000	2021-2024
Critical care; Triage; Mixed methods	James Downar (UT)	Co-I (Sean Bagshaw , SD, UA) Supported (Nancy Fraser , SPD; Samantha Bowker , ASD, UA; Dan Zuege , SMD, UC)	Triage 2 – Resource allocation framework for acute and critical care resources during a pandemic: A mixed methods study	CIHR Operating Grant	\$500,000	2021-2023
Critical care; Triage	Dan Zuege (SMD, UC)	Supported (Sean Bagshaw , SD, UA; Nancy Fraser , SPD; Samantha Bowker , ASD, UA; Sean Bagshaw , SD, UA)	Critical care triage study	AHS – Critical Care SCN Research Grant	\$10,358	2022-2023

NOTES:

** DIALYZING WISELY is co-led by the Critical Care SCN and supported by the Cardiovascular Health and Stroke SCN and Medicine SCN. Although the SDs and SMDs for these three SCNs are listed as Co-PIs on the PRIHS 6 grant, this grant is counted only once in the summary metrics.



DIABETES, OBESITY AND NUTRITION

SD: Sonia Butalia (UC) (to 12/2021) | ASD: Naomi Popeski (UC) (to 11/2021); Rosmin Esmail (current) | SPD: Petra O'Connell (to 12/2021) | SMD: Peter Sargious (UC) | ED: Lene Jorgensen | MGR: Catherene Joseph, Jorin Church (interim)

Successful grant applications totaling \$1.66 million

AREAS OF APPLIED RESEARCH: Chronic disease management | Diabetes | Perioperative guidelines for diabetes | Virtual care & diabetes prevention

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Chronic disease management	Aminu Bello (UA)	Supported (Lene Jorgensen , ED)	Indigenous communities' engagement towards creating harmony in cardiovascular, kidney and mental health promotion	SSHRC New Frontiers in Research Fund - Exploration	\$250,000	2022-2024
Perioperative guidelines for diabetes	Shannon Ruzycki (UC); Anna Cameron (UC); Mary Brindle (SD, Surgery SCN, UA)	Supported (Leta Philp DON SCN), Rosmin Esmail (ASD, UC)	A perioperative glycemic management pathway for reducing length of stay in Albertan surgical patients*	Alberta Innovates/AHS PRIHS 6	\$1,287,838	2021-2024
Diabetes	Peter Sargious (SMD; UC); Naomi Popeski (ASD; UC); Kiran Minhas (ASD; UC)	Supported (Catherene Joseph MGR); Kathy Dmytruk (DON SCN); Rosmin Esmail ; ASD, UC)	Virtual Diabetes Prevention Program	Alberta Blue Cross	\$125,000	2021-2022

* NOTE: The "Perioperative glycemic management pathway for reducing length of stay in Albertan surgical patients" project is a multi-SCN collaboration between the DON SCN, Surgery SCN, and Primary Health Care Integration Network. The PRIHS grant awarded for this work is included in the list of successful grants for each network; however, the grant is counted only once in the summary metrics.



DIGESTIVE HEALTH

SD: Steven Heitman (UC) | ASD: Susan Jelinski (UC, UA) | SPD: Louise Morrin | SMD: Sander Veldhuyzen van Zanten (UA)
| ED: Leanne Reeb | MGR: Malanie Greenaway

Successful grant applications totaling \$0.97 million

AREAS OF APPLIED RESEARCH: Alcohol-related liver disease | Colorectal cancer screening | Endoscopy, adverse events | ERCP & infection control | ERCP clinical decision tool

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
ERCP and infection control	Steve Heitman (SD; UC) & Nauzer Forbes (UC)	Co-PI (Steve Heitman , SD; UC)	Infection control in ERCP using a duodenoscope with a disposable cap (ICECAP)	CIHR	\$140,000	2021-2022
Colorectal cancer	Colleen Cuthbert (UC)	Co-I (Steve Heitman , SD; UC)	The Colorectal Cancer Chemoprevention Acceleration and Improvement Platform (CRC-CHAMP) study	Canadian Cancer Society & CIHR	\$195,000	2022-2024
Endoscopy adverse events	Susan Jelinski (ASD; UC, UA) & Nauzer Forbes (UC)	Co-PI (Susan Jelinski , ASD, UC, UA); Co-I (Steve Heitman SD; UC)	Development of a process to identify unplanned healthcare encounters and serious adverse events following outpatient endoscopy in Calgary Zone	University of Calgary, Dept. of Medicine Clinical Analytics Grant	\$50,000	2021-2022
ACATS for endoscopy	Sander Veldhuyzen van Zanten (SMD; UA)	n/a	Alberta Coding Access Targets for Endoscopy (ACATs-E) implementation	AHS	\$584,750	2022-2024

PENDING (AS OF END OF FY 2021-2022)						
ERCP clinical decision tool	Steve Heitman (SD; UC) & Nauzer Forbes (UC)	Co-PI (Steve Heitman, SD; UC)	Machine learning design of a <u>Post-ERCP Pancreatitis Clinical Decision Tool</u> (PEP-CADET)	CIHR	\$755,000	2022-2025
Alcohol-related liver disease	Steve Heitman (SD; UC) & Aziz Shaheen (UC)	Co-PI (Steve Heitman, SD, UC)	Develop, evaluate and implement the first clinical care pathway to risk-stratify patients with alcohol-related liver disease	CIHR	\$615,000	2022-2025



EMERGENCY

SD: Eddy Lang (UC) | ASD: Patrick McLane (UA) | SPD: Sherri Kashuba | SMD: Brian Holroyd (UA) | ED: Marlene Wheaton-Chaston | MGR: Andrew Fisher

Successful grant applications totaling \$1.72 million

AREAS OF APPLIED RESEARCH: Addiction medicine | Anti-racism, Health equity | Clinical trials | Emergency medicine | Health systems impact | Indigenous Health | Policy | Opioid prescribing in EDs

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
RCT, Addiction medicine, Emergency medicine	Jessica Moe	Co-I: Brian Holroyd (SMD, UA) Knowledge User: Patrick McLane (ASD; UA)	Evaluating microdosing in emergency departments: A randomized controlled trial comparing the effectiveness of Buprenorphine/Naloxone microdosing vs. standard dosing	CIHR	\$1,184,681	July 2021- July 2024
Health systems impact, Policy	Cheryl Barnabe	Co-Is: <ul style="list-style-type: none"> Brian Holroyd (SMD, UA) Eddy Lang (SD, UC) Patrick McLane (ASD; UA) 	Acute care use by patients with inflammatory arthritis conditions: Health system impact and solutions for ensuring appropriate ambulatory care access	CIHR SPOR	\$100,000	Feb 2022- Feb 2023
Anti-racism, Health equity, Emergency medicine	Patrick McLane (ASD; UA)	Co-Is: <ul style="list-style-type: none"> Brian Holroyd (SMD, UA) Eddy Lang (SD, UC) 	Developing and testing educational materials and simulation training scenarios to support Indigenous directed anti-racism efforts in emergency departments*	CIHR Catalyst Grant	\$99,960	Mar 2022- Mar 2023

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Emergency medicine, Addiction medicine	Grant Innes	Co-Is: <ul style="list-style-type: none"> • Eddy Lang (SD, UC) • Patrick McLane (ASD; UA) 	Impact of emergency department opioid prescribing on health outcomes.	CIHR	\$149,000	Mar 2021-Apr 2023
Anti-racism, Indigenous Health	Patrick McLane (ASD; UA)	Co-Principal Knowledge User: Sherri Kashuba	Caring for each other in emergency departments: An Indigenous-led anti-racism implementation project – Alignment and partnership building phase	AHS (internal funding call)	\$190,500	Jan 2022-Jun 2023
PENDING (AS OF END OF FY 2021-2022)						
Anti-Racism, Indigenous Health	Patrick McLane (ASD, UA)	Co-Principal Knowledge User: Sherri Kashuba (SPD) Co-I: Brian Holroyd (SMD, UA) Knowledge User: Eddy Lang (SD, UC) Collaborator: Ken Scott	Advancing anti-racist and equity-oriented care in the emergency department with First Nations partners	CIHR	\$2,025,000	Oct 2022-Sept 2023

* NOTE: This project is a multi-SCN collaboration between the Emergency SCN, the Indigenous Wellness Core and Provincial Addiction and Mental Health. The CIHR Catalyst Grant awarded for this work is included in the list of successful grants for each of these teams; however, the grant is counted only once in the summary metrics.



MATERNAL, NEWBORN, CHILD & YOUTH

SD: Deborah McNeil (AHS, UC, ACHRI) | ASD: Seija Kromm (UC) | SPD: Shelley Valaire | SMD: David W. Johnson (UC, ACHRI)
 | ED: Pamela Baines | MGR: Stacey Nyl (former); Katie Richardson (current) | PRG MGR (APHP): Stacey Nyl

Successful grant applications totaling \$4.5 million

AREAS OF APPLIED RESEARCH: Addiction & mental health | Brain development | COVID-19, impacts | Health outcomes | Maternal mental health | Neonatal Abstinence Syndrome (NAS) | Neurodevelopment | Pediatrics | Pregnancy | Preterm newborn | Quality improvement | Vaccination

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Preterm newborn; Collaborative quality improvement; Healthcare cost	Ayman Abou Mehrem (UC; ACHRI)	PI: David Johnson (SMD; UC); Co-I: Deborah McNeil (SD; UC)	Alberta (AB) Collaborative (ABC) Quality Improvement (QI) strategies to improve outcomes of preterm infants 32 – 36 weeks' gestation: A stepped-wedge cluster randomized trial (ABC-QI Trial)	CIHR Project Grant	\$765,000	2021-2025
Maternal-child health; Addiction and mental health; Neonatal Abstinence Syndrome	Matthew Hicks (UA; WCHRI)	Lead Applicant: Deborah McNeil , (SD; UC); Co-Leads: David Johnson (SMD; UC); Seija Kromm , (ASD; UC)	The Alberta Neonatal Abstinence Syndrome Mother-Baby Care ImprovEmeNT (NASCENT) Program: A stepped wedge cluster randomized trial of a hospital-level Neonatal Abstinence Syndrome intervention	Alberta Innovates PRIHS 6	\$1,260,000	2021-2024
Newborn; Resuscitation; Health outcomes	Brenda Law (UC; ACHRI)	Co-Applicants: Deborah McNeil , (SD; UC); David Johnson , (SMD; UC)	Evaluation of neonatal resuscitation and outcomes in Alberta from 2000 to 2020	MSI Foundation Grant	\$99,378	2021-2023

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Maternal mental health; Brain development; Magnetic resonance imaging	Catherine Lebel (UC; HBI, ACHRI); Emma Duerden (Western); Timothy Oberlander (UBC; BCCHRI)	Co-I: Deborah McNeil (SD; UC)	Associations between prenatal maternal psychological distress, brain growth, and behaviour in young children	CIHR Project Grant: Social & Developmental Aspects of Children's & Youth's Health	\$1,296,676	2021-2026
Infants; Neurodevelopment; Pregnancy; COVID-19	Gerald Giesbrecht (UC; ACHRI)	Co-I: Deborah McNeil (SD; UC)	Short-term effects of the COVID-19 pandemic on infant socioemotional and neurodevelopment	CIHR Operating Grant: Emerging COVID-19 Research Gaps & Priorities - Social/ Behavioural Science Approaches	\$403,304	2021-2022
Maternal mental health; infant brain development; COVID-19	Catherine Lebel (UC; HBI, ACHRI); Kathryn Manning (UC; ACHRI)	Co-I: Deborah McNeil (SD; UC)	Prenatal psychological distress during the COVID-19 pandemic and the effects on infant brain development during the first year of life	CIHR Operating Grant: Under-standing and mitigating the impacts of the COVID-19 pandemic on children, youth and families in Canada	\$150,000	2021-2022
Children; Neurodevelopment; Pregnancy; COVID-19	Gerald Giesbrecht (UC; ACHRI)	Co-I: Deborah McNeil (SD; UC)	Prenatal exposure to maternal SARS-CoV-2 infection and neurodevelopment in children	CIHR Project Grant, Priority Area: Mental health & resilience in the early years	\$100,000	2021-2022
Children; Neurodevelopment; Pregnancy; COVID-19	Gerald Giesbrecht (UC; ACHRI)	Co-I: Deborah McNeil (SD; UC)	Prenatal exposure to maternal SARS-CoV-2 infection and neurodevelopment in children	CIHR Operating Grant: COVID-19 - Project Grant	\$247,310	2022-2024

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
COVID-19; Infants; Pregnancy; Vaccination	Amy Metcalfe (UC; ACHRI)	Co-I: Deborah McNeil (SD; UC)	Impact of COVID-related restrictions on maternal and infant health	CIHR Operating Grant: Understanding/mitigating impacts of COVID-19 on children, youth & families	\$150,000	2021-2022
PENDING (AS OF END OF FY 2021-2022)						
Pediatrics; virtual healthcare; acute care	Michelle Bailey (UC; ACHRI)	Co-Lead: David Johnson (SMD; UC)	Spreading Telehealth Rounding and Consultation for Kids (TRaC-K), an innovative inpatient tertiary-regional virtual health collaborative care model, across Alberta	Alberta Innovates PRIHS 7, Digital Health	\$1,000,000	2023-2026
Maternal health; postpartum hypertension; remote monitoring	Meriah Fahey (UC)	Co-Lead: Deborah McNeil (SD; UC)	There's no place like home: Expanding the Complex Care Hub model for women with post-partum hypertension requiring home-based acute care	Alberta Innovates PRIHS 7, Digital Health	\$1,000,000	2023-2026



MEDICINE

SDs: Neesh Pannu (Kidney Health); Scott Klarenbach (Kidney Health); Mike Stickland (Respiratory Health); Raj Padwal (Hospital Medicine) | ASDs: Marni Armstrong; Lesley Soril | SPD: Louise Morrin | SMD: Jeff Schaefer (former); Anna Purdy (current) | ED: Anita Kozinski | MGRs: Terry Smith (Kidney Health); Eileen Young (Respiratory Health); Chris Roach (Hospital Medicine) | SLs: Jennifer MacRae (Kidney Health); Ron Damant (Respiratory Health); James Eisner (Hospital Medicine)

Successful grant applications totaling \$2.7 million

AREAS OF APPLIED RESEARCH: Acute kidney injury | COVID-19 and respiratory health | Diabetes prevention & treatment | Dialysis delivery | Interstitial lung diseases & oxygen access | Long COVID | Mental health & dialysis | Point-of-care ultrasound | Pulmonary rehabilitation

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Diabetes prevention and treatment	Aminu Bello (UA)	Co-applicants: <ul style="list-style-type: none"> • Marni Armstrong, (ASD, UC) • Scott Klarenbach (SD, UA) • Anita Kozinski (ED) • Louise Morrin (SPD) 	<u>Prevent</u> and <u>Treat</u> Diabetes for healthy living in Indigenous communities of Alberta (Prev-Treat)	CIHR, Team Grant LOI stage	\$35,000	2021-2022
Dialysis delivery	Oleksa Rewa (UA)	Co-Is: <ul style="list-style-type: none"> • Neesh Pannu (SD, UA) • Scott Klarenbach (SD, UA) 	Dialyzing Wisely: Improving the delivery of acute renal replacement therapy to Albertans**	Alberta Innovates, PRIHS 6	\$830,255	2021-2024
Mental health in dialysis	Kara Schick-Makaroff (UA)	Supported: <ul style="list-style-type: none"> • Scott Klarenbach (SD, UA) • Marni Armstrong, (ASD, UC) • Terry Smith (MGR) 	Tailoring a pathway for mental health care for Albertans on dialysis	Kidney Foundation of Canada	\$99,999	2021-2023

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Point-of-care ultrasound	Irene Ma (UC)	Co-Is: Marni Armstrong (ASD, UC) and Anita Kozinski (ED)	Development of indicators and outcome measures for point-of-care ultrasound use in general internal medicine in-patients	Department of Medicine, University of Calgary	\$48,000	2022-2023
Long-COVID	Andrea Gershon (UT)	Co-PI: Michael Stickland (SD, UA)	The Canadian Respiratory Research Network Long COVID-19 Study	CIHR COVID Grant	\$500,000	2021-2023
Long-COVID	Andrea Gershon (UT)	Co-PI: Michael Stickland (SD, UA)	The Canadian Respiratory Research Network Long COVID-19 Study	CIHR Project Grant (Bridge)	\$100,000	2021-2023
Pulmonary rehabilitation	Michael Stickland (SD, UA)	PI: Michael Stickland (SD, UA)	Enhanced pulmonary rehabilitation for individuals living with COPD and co-morbidities	Alberta Boehringer Ingelheim Collaboration	\$290,000	2022-2024
COVID-19 and respiratory health	Grace Lam and Jason Weatherald (UA)	Co-I: Michael Stickland (SD, UA)	Impact of COVID-19 on health care access, utilization, delivery, and outcomes for patients with pulmonary diseases in Alberta (INCLUDE Study)	CIHR COVID Grant	\$202,613	2022-2023
Interstitial lung diseases oxygen access	Michael Stickland (SD, UA)	PI: Michael Stickland (SD, UA)	Understanding the needs and impact of oxygen therapy for individuals with interstitial lung disease	Alberta Boehringer Ingelheim Interstitial Lung Diseases Oxygen Access (ABILD O2) Project	\$600,000	2022-2025

PENDING (AS OF END OF FY 2021-2022)						
Acute kidney injury	Neesh Pannu (SD, UA)	Leading and supporting (Neesh Pannu SD, UA)	UPTAKE: <u>U</u> sing <u>P</u> ersonalized risk and digital tools to guide <u>T</u> ransitions following <u>A</u> cute <u>K</u> idney <u>E</u> vents - A pragmatic randomized controlled trial in Connect Care	CIHR iCT Team Grant: Transitions in Care	\$1,019,772	PENDING

NOTES:

** DIALYZING WISELY is co-led by the Critical Care SCN and supported by the Cardiovascular Health and Stroke SCN and Medicine SCN. Although the SDs and SMDs for these three SCNs are listed as Co-PIs on the PRIHS 6 grant, this grant is counted only once in the summary metrics.



NEUROSCIENCES, REHABILITATION & VISION

SD: Elisavet Papathanassoglou (UA) | ASD: Kiran Pohar Manhas | SPD: Petra O'Connell (to 12/2021); Balraj Mann (current) | SMD: Chester Ho (UA)

Successful grant applications totaling \$1.96 million

AREAS OF APPLIED RESEARCH: Health services research | Low vision rehabilitation | Neurosurgery | Post-COVID syndrome & rehabilitation | Quality improvement | Patient experience | Rehabilitation | Spinal cord injury (SCI) | Transitions in care

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Health services research	Deborah Marshall (UC)	Collaborated (Kiran Pohar Manhas , ASD UC)	Enhancing a community of practice for the Health System Impact Fellowship Program: Advancing capacity for sustainable & patient-centred learning health systems across Canada	CIHR Health System Impact Fellowship – National Cohort Training Program 2021	\$200,000	2021-2025
Neurosurgery; Quality improvement	Mark Hamilton (UC)	Collaborated <ul style="list-style-type: none"> • Elisavet Papathanassoglou (SD, UA) • Kiran Pohar Manhas (ASD, UC) 	Reducing ventricular/lumbar drain and ventricular shunt insertion infections in the neurosurgery, trauma, and ICU patient population in Alberta	Alberta Innovates, PRIHS 6	\$942,242	2021-2024
Spinal cord injury, Rehabilitation	Chester Ho (SMD, UA)	Led (Chester Ho , SMD, UA)	Early FES cycling after acute SCI to promote neuromuscular preservation and Neurorecovery	Craig H. Neilsen Foundation	\$300,000	2021-2023

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Low vision rehabilitation; Patient experience; Transitions in care	Kiran Pohar Manhas (ASD, UC)	Led (Kiran Pohar Manhas , ASD, UC)	Burden of vision loss in stroke: Barriers to care experienced by stroke survivors in Alberta	Royal Alexandra Hospital Foundation	\$15,000	2021-2023
Post-COVID syndrome & rehabilitation	Chester Ho (SMD, UA)	Led <ul style="list-style-type: none"> • Chester Ho (SMD, UA) • Elisavet Papathanassoglou (SD, UA) • Kiran Pohar Manhas (ASD, UC) • Petra O'Connell (SPD) 	Post-COVID-19 rehabilitation screening, assessment & transition planning: Building a provincial rehabilitation response through implementation & evaluation (Post COVID REHAB)	CIHR Emerging COVID-19 Research Gaps and Opportunities	\$499,883*	2021-2023

NOTE:

* The Provincial Framework for Post COVID-19 rehabilitation evaluation is a multi-SCN collaboration, led by the Neurosciences, Rehabilitation and Vision SCN and supported by the Bone and Joint Health SCN. Funding is included in the list of successful grants for both SCNs but it is counted only once in summary metrics.



SURGERY

SD: Mary Brindle (UC), Rachel Khadaroo (interim) | ASD: Sanjay Beesoon (UA) | SPD: Jill Robert | SMD: Jonathan White (UA) (SABBATICAL), Paul Petrasek (interim), Mary Brindle (interim; UC) | ED: Tim Baron | MGR: Lesley Barker | RES SCI: Tara Klassen

Successful grant applications totaling \$4.38 million

AREAS OF APPLIED RESEARCH: COVID burnout in staff | Disruptions in surgical services due to COVID-19 | EQUIS Research Platform | ERAS Guidelines | Opioid care pathways | Patient safety | Prehabilitation | Perioperative glucose management | Quality & safety | Reducing long-term opioid use in surgical patients | Surgical team performance

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Equity, Quality Innovation and Safety (EQUIS) Research Platform	Mary Brindle (SD, UC)	Research Lead and Research Chair	EQUIS OR - Efficiency, Quality, Innovation and Safety	MacNeill	\$1,720,000 (\$200,000/y)*	2015-2022
Surgical team performance	Mary Brindle (SD, UC)	Co-I	Illuminating the OR: From individual coaching to video review of surgical team performance	CRICO	\$500,001 (USD)** (\$640,000 CAD)	2022-2024
Patient safety	Mary Brindle (SD, UC)	Co-I	TeamSTEPPS curriculum update	Agency for Healthcare Research & Quality (AHRQ)	\$145,000 (USD)** (\$185,369 CAD)	2022-2023
COVID burnout in staff	Mary Brindle (SD, UC)	PI	Ariadne Labs project in Mumbai to respond to COVID-19 burnout in frontline staff	Stavros Niarchos Foundation	\$25,000	2020-2021

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Perioperative glycemic management pathway	Shannon Ruzycki (UC, SSCN); Rachel Khadaroo (SMD; UA)	Co-PI	A perioperative glycemic management pathway for reducing length of stay in Albertan surgical patients***	Alberta Innovates/ AHS PRIHS 6	\$1,287,838	2020-2023
Prehabilitation	Rachel Khadaroo (SMD; UA)	Co-I	STRIVE before surgery trial: A vanguard pragmatic multicenter randomized trial of <u>Structured TR</u> aining to <u>I</u> mprove fitness in a <u>V</u> irtual <u>E</u> nvironment before surgery	CIHR	\$260,100	2022-2023
Prehabilitation	Rachel Khadaroo (SMD; UA)	Co-I	The Canadian Prehabilitation Network Review: a systematic review and component network meta-analysis to inform prehabilitation design and evaluation	CIHR	\$100,000	2022-2023
Enhanced Recovery After Surgery (ERAS) guidelines	Khara Sauro (UC, SSCN)	Nominated principal applicant (NPA)	Optimizing surgical care: trends in Enhanced Recovery After Surgery (ERAS) guideline uptake and barriers to better evidence-based care	CIHR Project Grant	\$380,000	2022-2025
Disruptions in surgical services due to COVID-19 response	Khara Sauro (UC, SSCN)	NPA	The long and short of disruptions in surgical services due to COVID-19 response: the impact and path forward	CIHR Operating Grant	\$252,000	2022-2024
Enhanced Recovery After Surgery (ERAS) guidelines	Khara Sauro (UC, SSCN)	NPA	Implementing ERAS guidelines	CIHR Project Grant	\$100,000	2022-2023

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Opioid care pathways	Mary Brindle (SD, UC); Sanjay Beesoon (ASD, UA)	Partner organization	Opioid care pathways: Knowledge translation learning collaboratives	Health Canada Substance Use and Addictions Program (SUAP)	\$1,219,203*	2019-2022
Reducing long-term opioid use in surgical patients	Nivez Rasic, Tim Baron (ED), Mary Brindle (SD, UC), Sanjay Beesoon (ASD, UA)	Co-PI	Reducing long-term opioid use in surgical patients through more effective management of chronic post-surgical pain	Health Canada Substance Use and Addictions Program (SUAP)	\$1,146,909	2022-2024

NOTES:

* Grant is ongoing but not awarded in the 2021-2022 fiscal year. It is therefore excluded from summary metrics for the current reporting period.

**Funding in USD was converted to CAD at 1.279%. All summary metrics are reported in CAD.

*** The “Perioperative glyceic management pathway for reducing length of stay in Albertan surgical patients” project is a multi-SCN collaboration between the DON SCN, Surgery SCN and Primary Health Care Integration Network. The PRIHS grant awarded for this work is included in the list of successful grants for each network; however, the grant is counted only once in the summary metrics.

Provincial Programs



INDIGENOUS WELLNESS CORE

SD: Melissa Potestio (UC) (former, to 06/2021), Richard Oster (UA) (current) | PRG LEAD, INNOVATION & RESEARCH: Kienan Williams (UC) | SPO: Val Austen-Wiebe | SMD: Esther Tailfeathers (UA)

Successful grant applications totaling \$0.8 million

AREAS OF APPLIED RESEARCH: Anti-racism, health equity | Indigenous experience in EDs | Tobacco reduction, Indigenous | Type 2 diabetes, Indigenous

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Tobacco reduction, Indigenous	Les Hagen (ASH)	Supported (Kienan Williams, PRG LEAD, I&R)	Keep tobacco sacred collaboration	Public Health Agency of Canada (PHAC)	\$528,132	2022-2024
Indigenous, Qualitative, Type 2 Diabetes	Richard Oster (SD; UA)	Collaborated (Kienan Williams, PRG LEAD, I&R)	Healthy Food Rx - Qualitative expansion for Indigenous populations	MSI Foundation Research Application	\$110,000	2021-2023
Indigenous, RCT, Type 2 Diabetes	Dave Campbell (UC)	Co-I (Richard Oster, SD, UA; Kienan Williams, PRG LEAD, I&R)	Healthy Food Rx - Evaluation of a subsidized healthy food prescription program for patients with type 2 diabetes and food insecurity	CIHR	\$100,000	2022-2023
Anti-racism, health equity, Indigenous, EDs	Patrick McLane (Emerg SCN, ASD; UA)	Co-I (Richard Oster, SD; UA)	Developing and testing educational materials and simulation training scenarios to support Indigenous directed anti-racism efforts in emergency departments (EDs)*	CIHR Catalyst Grant	\$99,960	2022-2023

PENDING (AS OF END OF FY 2021-2022)						
Anti-racism, health equity, Indigenous, Emergency Departments	Patrick McLane (Emerg SCN, ASD; UA) Esther Tailfeathers (SMD; UA) Val Austen-Wiebe (SPO)	Co-I (Richard Oster , SD; UA)	Advancing anti-racist and equity-oriented care in the emergency department with First Nations partners	CIHR	\$528,132	2022-2026
Indigenous maternal and child health; planning and dissemination	Rhonda Bell (UA)	Knowledge User (Richard Oster , SD; UA)	ilhenaylhs chet s7elji: Nourishing our Ancestors' Dreams: The 2nd International Indigenous Developmental Origins of Health and Disease (DOHaD) Gathering	CIHR	\$25,000	2022-2023
Critical Care; Indigenous	Sean Bagshaw (Critical Care SCN, SD; UA)	Co-principal applicants (Richard Oster , SD; UA and Kienan Williams , PRG LEAD, I&R)	Critical illness and critical care service use among Indigenous Peoples in Alberta	CIHR	\$1,010,000	2022-2027

* NOTE: This project is a multi-SCN collaboration between the Emergency SCN and the Indigenous Wellness Core. The CIHR Catalyst Grant awarded for this work is included in the list of successful grants for both the ESCN and the IWC; however, the grant is counted only once in the summary metrics.



PRIMARY HEALTH CARE INTEGRATION NETWORK

SD: Judy Seidel (UC) | ASD: Ceara Cunningham (UC) / Robin Walker (UC) | SPD/SPO: Rob Skrypnek | SMD: Linda Slocombe (UC) | AMD: John Hagens (UC) | ED: Mona Delisle | MGR: Soraya Haynes

Successful grant applications totaling \$2.37 million

AREAS OF APPLIED RESEARCH: Care pathways | COVID-19; transitions in care; emergency care | Diabetes | Patient-oriented research | Primary care | Transitions in care | Violence prevention | Virtual care; palliative care

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Care pathways	Shannon Ruzycski (UC), Anna Cameron (UC)	Collaborator (Judy Seidel, SD; UC)	Perioperative glycemic management pathway QI project*	Alberta Innovates/AHS PRIHS 6	\$1,287,838	2021-2024
Diabetes	David Campbell (UC)	Co-Investigator (Judy Seidel, SD; UC)	Healthy Food Rx: Expansion of a randomized controlled trial of a subsidized healthy food prescription program to improve glycemic control in patients with type 2 diabetes and food insecurity	CIHR Team Grant	\$430,908	2021-2024
Virtual care; palliative care	Kiernan Quinn (UT)	Knowledge user (Judy Seidel, SD; UC)	Identifying service gaps in virtual palliative care to inform health policy across Canada	CIHR Project Grant	\$150,000	2021-2022
COVID-19; transitions	Chester Ho (UA)	Collaborator (Judy Seidel, SD; UC)	Implementation of a provincial framework for post COVID-19 rehabilitation screening and transitions planning in Alberta: A pragmatic evaluation**	CIHR Operating Grant	\$499,883	2021-2022

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
PENDING (AS OF END OF FY 2021-2022)						
Transitions in care; cancer	Khara Sauro (UC), Joe Dort (UC)	Supported (Judy Seidel , SD; UC)	Transitions in care for patients with cancer	CIHR Project Grant	\$385,000	2022-2025
COVID-19	Eliana Castillo (UC)	Supported (Judy Seidel , SD; UC)	Partnering to understand COVID-19 vaccination decisions in low risk OB/Primary Care (PEMBA - "Protecting Every Mum and Baby Alberta")	CIHR Project Grant	\$525,000	2022-2025
COVID-19, emergency care	Sherri Kashubian (AHS)	Knowledge user (Judy Seidel , SD; UC)	Emergency department post COVID condition navigator for the Calgary Zone and Lethbridge	AHS	\$249,877	2022-2025
Patient oriented research	Kerry McBrien (UC)	Co-investigator (Judy Seidel , SD; UC)	Preventing medication complications during acute illness through symptom evaluation and sick day guidance (PAUSE): Development of a patient-centered mobile health intervention	CIHR Project Grant	N/A	2022-2025
Primary care; violence prevention	Stephanie Montesanti (UA)	Supported (Judy Seidel , SD; UC)	Engaging a systems approach to strengthen and sustain family violence prevention within primary healthcare	CIHR	N/A	N/A
Transitions	Gina Dimitropoulos (UC)	Supported (Judy Seidel , SD; UC)	Transition ED: Co-designing and implementing Canadian practice guidelines for transitions for youth with eating disorders	CIHR	N/A	N/A
Primary care	Chad Bousman (UC)	Supported (Judy Seidel , SD; UC)	Pharmacogenetic-guided antidepressant prescribing	CIHR Team Grant	\$950,000	2022-2025

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Transitions in care	Ginetta Salvalaggio (UA), Cassandra Husband (UA)	Supported (Judy Seidel , SD; UC)	Urban underserved transitions in care grant	CIHR	N/A	N/A
Primary Care; Choosing Wisely	Terrance McDonald (UC)	Collaborator (Judy Seidel , SD; UC)	Using big data to assess Choosing Wisely recommendations in primary care – A foundational project	Choosing Wisely	\$74,358.74	2022-2024
Care pathways; pediatrics	Paul Ronksley, (UC); Frankie Fraulin,(UC)	Supported (Judy Seidel , SD; UC)	Implementation and evaluation of a care pathway for pediatric hand fractures	CIHR/Project Grant	\$340,000	2022-2025

NOTES:

* The “Perioperative glycemic management pathway” project is a multi-SCN collaboration between the DON SCN, Surgery SCN, and Primary Health Care Integration Network. The PRIHS grant awarded for this work is included in the list of successful grants for each network; however, the grant is counted only once in the summary metrics.

* The Provincial Framework for Post COVID-19 rehabilitation evaluation is a multi-SCN collaboration, led by the Neurosciences, Rehabilitation and Vision SCN and supported by the Bone and Joint Health SCN and the Primary Health Care Integration Network. Funding is included in the list of successful grants for each network but it is counted only once in summary metrics.



PROVINCIAL ADDICTION AND MENTAL HEALTH

SD: Frank MacMaster (UC) | ASD: Katherine (Kay) Rittenbach (UA, UC) | SPD: Kerry Bales | SMD: Nick Mitchell (UA)

Successful grant applications totaling \$3.0 million

AREAS OF APPLIED RESEARCH: Anti-racism in EDs, equity | eMental health, youth | COVID-19; mental health | Mental health, eating disorders | Mental health, parenting | Post-traumatic stress injuries (PTSI), first responders | Preventing readmission to AMH acute care | Transcranial magnetic stimulation (TMS)

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
PTSI; first responders; TMS	Frank MacMaster (SD, UC)	Co-PI (Frank MacMaster , SD, UC)	Treatment of post-traumatic stress injury in first responders using transcranial magnetic stimulation	Alberta Labour and Immigration, Supporting Psychological Health in First Responders Grant Program (SPHIFR)	\$310,000	Mar 2022-Mar 2025
Preventing readmission to AMH acute care	Vincent Agyapong (UA, Dept. of Psychiatry)	Co-Led (Frank MacMaster , SD, UC)	Reducing inpatient readmission rates for patients discharged from acute psychiatric care in Alberta using peer and text message support	Alberta Innovates PRIHS 6	\$979,868	Jun 2021-May 2024
COVID-19; mental health; perinatal	Frank MacMaster (SD, UC)	Co-PI (Frank MacMaster , SD, UC)	Perinatal psychological distress during the COVID-19 pandemic and the effects on infant brain development during the first year of life.	CIHR Operating Grant	\$150,000	Oct 2021-Sep 2022

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Mental health; eating disorders	Frank MacMaster (SD, UC)	Co-PI (Frank MacMaster , SD, UC)	FED: <u>F</u> inding treatments for <u>e</u> ating <u>d</u> isorders	Mathison Centre	\$50,000	Apr 2020- Mar 2022
Mental health; parenting	Frank MacMaster (SD, UC)	Co-PI (Frank MacMaster , SD, UC)	BEAM: <u>B</u> uilding <u>E</u> motional <u>A</u> wareness and <u>M</u> ental health in parenting	Brain Canada (Bell Let's Talk)	\$950,000	Dec 21 to Dec 24
Anti-racism; emergency departments; equity	Patrick McLane (ESCN; UA)	Co-Applicant (Kay Rittenbach , ASD, UC, UA)	Developing and testing educational materials and simulation training scenarios to support Indigenous directed anti-racism efforts in emergency departments*	CIHR Catalyst Grant	\$99,950	March 2022- April 2023
COVID-19; mental health; pediatric	Carla Hilario (UA)	Co-I (Kay Rittenbach , ASD, UC, UA)	Impacts of the COVID-19 pandemic on youth mental health service use	CIHR Operating Grant: Addressing the wider health impacts of COVID-19	\$185,600	March 2022 – April 2024
COVID-19; developmental disabilities; mental health	Yona Lunsky (CAMH)	Collaborator (Kay Rittenbach , ASD, UC, UA)	Supporting the mental health needs of adults with developmental disabilities and their families during COVID-19: A national capacity building project	CIHR Operating Grant: Emerging COVID-19 Research Gaps & Priorities	\$246,441	March 2022 – April 2023
eMental Health; youth	Katherine Bright	Supervisor (Kerry Bales , SPD)	Integrating a sustainable and evidence-based provincial internet delivered mental health platform for youth and young adults in Alberta	CIHR Fellowship: Health System Impact Fellowship Post-Doctoral Fellows	\$108,500	Sept 2021 – Aug 2023

PENDING (AS OF END OF FY 2021-2022)						
COVID-19; families; mental health	Sheila McDonald (UC)	Collaborator (Kay Rittenbach, ASD, UC, UA)	From languishing to flourishing: Exploring the wider and longitudinal impacts of COVID-19, use of supports, and recovery for families	CIHR Operating Grant:	\$401,500	COVID-19; families; mental health

* NOTE: This project is a multi-SCN collaboration between the Emergency SCN, the Indigenous Wellness Core and Provincial Addiction and Mental Health. The CIHR Catalyst Grant awarded for this work is included in the list of successful grants for each of these teams; however, the grant is counted only once in the summary metrics.



PROVINCIAL POPULATION & PUBLIC HEALTH

SD: Gary Teare (UC) | SPO: Maureen Devolin | SMD/SMOH: Laura McDougall

Successful grant applications totaling \$6.76 million

AREAS OF APPLIED RESEARCH:

Child mental health | COVID-19, impacts | Girls' and women's health | Financial strain, impacts | Immigrant community mobilization | Immunization | Population health | Prenatal cannabis consumption | Risk, vulnerability and resilience in specific populations | Youth screen time

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
Girls' and women's health training platform	Nicole Letourneau, (UC)	Co-Applicant: Sheila McDonald (PPPH, UC)	Health and social services research training platforms for system and population transformations in girls and women's health	CIHR Training Platform	\$2,400,000	2022-2028
COVID-19 pandemic effect on ARLD in Alberta	Abdel Aziz Shaheen (UC)	Co-I: Gary Teare (PPPH SD, UC)	Understanding and responding to the COVID-19 pandemic effect on the magnitude of alcohol-related liver disease in Alberta	CIHR	\$422,863	2022-2025
Prenatal cannabis consumption	Kathleen Chaput (UC)	Co-Applicant: Sheila McDonald (PPPH, UC)	Examining the current Canadian social context of prenatal cannabis consumption and intersections with maternal and infant health outcomes	CIHR New Frontiers in Research Fund	\$200,000	2022-2024
Wider impacts of COVID	Sheila McDonald (PPPH, UC)	Led: Sheila McDonald (PPPH, UC)	From languishing to flourishing: Exploring the wider and longitudinal impacts of COVID-19, use of supports and recovery for families	CIHR	\$400,000	2022-2024
Immigrant community mobilization	Tanvir Turin Chowdhury (UC)	Co-Applicant: Vineet Saini (PPPH, UC)	Immigrant community mobilization towards empowerment through community-based health data cooperative	CIHR New Frontiers in Research Fund	\$250,000	2022-2024

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
VID-R3ICSAB Study	Peter P. Liu, (UOTT)	Co-Applicant: Vineet Saini (PPPH, UC)	COVID-19 wide impact – Research on the risk and resilience in special communities of Chinese, South Asian and Black populations	CIHR	\$240,000	2022-2023
COVID-19 vaccine outreach strategies	Gabriel Fabreau (UC)	Principal Knowledge User: Gary Teare (PPPH SD, UC)	Investigating COVID-19 vaccine outreach strategies for marginalized newcomer communities	CIHR	\$469,235	2022-2023
LiveRX study	Michael Swain (UC)	Co-lead: L Cari Egan (PPPH)	Eliminating hepatitis C in Alberta is feasible and cost-effective	Alberta Innovates PRIHS 6	\$986,000	2021-2024
Routine childhood immunization; COVID-19	Thilina Bandara (USASK)	Principal Knowledge User: Kristen Klein (MoH PPPH), Co-Is (PPPH): <ul style="list-style-type: none"> • Amanda Alberg • Lisa Allen Scott • Gary Teare (SD, UC) 	Assessing the impacts of COVID-19 on routine school-based immunizations in Canada	CIHR	\$149,144	2021-2023
HPV immunization	Cory Neudorf (USASK)	Co-Is (PPPH): <ul style="list-style-type: none"> • Lisa Allen Scott • Gary Teare (SD, UC) 	Solutions to increase youth HPV immunization in Canada project,	CPAC	\$82,500* (Sub-grant from USASK; part of a \$1.5M CPAC grant)	2021-2022
COVID-19 R31CSAB study	Peter P. Liu (UOTT)	Co-Is (PPPH): <ul style="list-style-type: none"> • KC Sikdar • Vineet Saini 	Research on risk and resilience in special communities of Chinese, South Asian and Black populations	CIHR	\$240,000	2021-2022
Resilience and vulnerability in a	Sheila McDonald	Led: Sheila McDonald	Uncovering longitudinal patterns of resilience and vulnerability in a	CIHR	\$313,400	2020-2023

TOPIC	PI AND AFFILIATION	SD/ASD ROLE	PROJECT	FUNDING AGENCY/ COMPETITION	AMOUNT	FUNDING PERIOD
pandemic	(PPPH, UC)	(PPPH, UC)	pandemic: The All Our Families COVID-19 Impact Study			
Financial strain; COVID-19	C Nykiforuk (UA)	Co-I: Lisa Allen Scott (PPPH)	Public health response to COVID-19: Addressing financial strain-related health impacts of the pandemic	CIHR Operating Grant; COVID-19 Rapid Response Funding Opportunity	\$ 449,223	2020-2023
Multidimensional deprivation indices	Christine Blaser (INSPQ)	Co-Applicant: Vineet Saini, (PPPH)	Planning for development of multi-dimensional deprivation indices for Canada	CIHR	\$25,000	2020-2022
Youth screen time and mental health during COVID	Sheri Madigan (UC)	Co-I: Sheila McDonald (PPPH, UC)	Tweens, screens, and mental health pre-and post COVID-19: Are the kids alright?	Children and Screens: Institute of Digital Media and Child Development Inc.	\$53,700	2020-2021
Children's mental health	Sheri Madigan (UC)	Co-I: Sheila McDonald (PPPH, UC)	Identifying central determinants of children's mental health at 8 years of age	CIHR	\$75,000	2020-2021
PENDING (AS OF END OF FY 2021-2022)						
Youth mental health, help-seeking, and service utilization	Co-PI: Sheri Madigan (UC)	Co-PI: Sheila McDonald (PPPH, UC)	Will the kids be alright? Leveraging a longitudinal Canadian youth cohort to study the course of depression and anxiety, and patterns of mental health help-seeking and service utilization	CIHR	\$1,365,000	2022-2028
Epigenetics & mental health resilience	Nicole Letourneau (UC)	Knowledge User: Sheila McDonald (PPPH, UC)	Defusing the ticking time bomb: Epigenetic pathways of risk and resilience to adolescent mental health	CIHR	\$1,975,000	2022-2027

Intervention by public health nurses before pregnancy to prevent gestational diabetes (Ontario and AB trial)	Ravi Retnaka (Sinai Health System, Toronto)	Co-Applicant: Sheila McDonald (PPPH, UC)	Collaborative care initiated prior to conception by public health nurses for the prevention of gestational Diabetes mellitus in Canadian women	CIHR	\$345,000	2022-2026
Mental health challenges and social support on women's heart health	Co-PI: Kamala Adhikari (PPPH, UC)	Co-PI: Sheila McDonald (PPPH, UC), Co-I: Gary Teare (PPPH SD, UC)	Hypertensive disorders of pregnancy and future hypertension, diabetes, and dyslipidemia: examining the roles of psychosocial distress and social support	CIHR	\$265,000	2022-2025
Financial well-being; COVID-19	Nominated Principal Applicant: C Nykiforuk (UA)	Principal Knowledge User: L. Allen Scott (PPPH); Collaborators: <ul style="list-style-type: none"> • Gary Teare (PPPH SD, UC) • Jason Cabaj (PPPH) • Karla Gustafson (PPPH). 	Financial well-being: Mobilizing a multi-sectoral public health framework and strategies guidebook to improve population health and health equity in the wake of COVID-19	CIHR	\$1,115,000	2022-2025
Financial well-being; Mental health	C Nykiforuk (UA)	Co-Applicant: L. Allen Scott (PPPH); Collaborator: T. Hokanson	Promoting financial wellbeing and mental health for all women: an evidence-informed plan of action to strengthen government and organization response	WCHRI Innovation Grant Program	\$60,000	2022-2024

Nutrition; social and built environment	Rachel A. Murphy (UBC)	Knowledge User: L. Allen Scott (PPPH)	Dietary intake and the neighbourhood social and built environment; a study of urban areas across Canada	CIHR Healthy Cities	\$100,000	2022-2023
Enhancing Socio-economic position	Karen Tang, (UC)	Principal Knowledge User: Gary Teare (PPPH SD, UC); Co-I: Vineet Saini (PPPH, UC)	Enhancing socioeconomic position (SEP) data in electronic health records	CIHR	\$820,000	2022



PROVINCIAL SENIORS HEALTH & CONTINUING CARE

SD: Adrian Wagg (UA) | ASD: Heather Hanson (UC) | SPO: David O'Brien | SMD: Jim Silvius (UC)

Successful grant applications totaling \$1.07 million

Note: Detailed grants list not available for 2021-2022 FY.