Kimberly Rondeau

Statistician with a keen interest in social determinants of health and vulnerable populations. Interested in opportunities to investigate mental health and substance use disorders and the effect of being unhoused or precariously housed within the BC Corrections population.

EMPLOYMENT HISTORY

Senior Researcher — Victoria, BC
Performance, Research and Evaluation Unit | BC Corrections — *September 2020–Present*

Currently working with external researchers and across-ministries for data driven programs. Responsibilities include evaluating programs, forecasting population growth for capital projects and operations, coordination of data ingestion for the Data Innovation Program (DIP) and extraction, linkage and analyses of data.

Statistical Analyst — Calgary, AB
Cummings School of Medicine | University of Calgary — *September 2018–August 2020*

Team lead for two quantitative research groups at the University of Calgary; the Office of Surgical Research and the Connect 2 Care project. Responsibilities included training junior staff and students, creating and linking databases, analyzing administrative datasets (NACRS, DAD and frontline databases) and advising on study design and analysis for staff surgeons, residents and graduate students.

Consulting Statistician — Calgary, AB
Government and University Research Groups — *July 2014–August 2020*

Analyzed complex datasets and created models for university (UBC, University of Alberta, Mount Royal) and government (Agriculture and Agri-Foods Canada, FLNRO Ministry of British Columbia, Environment and Climate Change Canada) research groups.

EDUCATION

University of British Columbia — Vancouver, BC
Doctor of Philosophy in Interdisciplinary Studies — *September 2025-Present*

University of Alberta — Edmonton, AB
Master of Science in Environmental Biology and Ecology — *November 2007*
Specialized in statistical modelling, methods and experimental design

Okanagan University College (UBC conferred) — Kelowna, BC
Bachelor of Science in Biology — *June 2002*
Specialized in population biology and statistics

GRANTS AWARDED - Principal Applicant

2026-2027 Canadian Institutes of Health Research (CIHR) - Health System Impact Fellowship $50,000CA

Title: Understanding the impact of COVID19 on patient complexity and overdose risk among people incarcerated in provincial correctional centres in British Columbia

2025-2027 UBC Public Scholars Initiative (PSI) - Graduate & Postdoctoral Studies (G+PS) $7,200CA

2025-2028 Pacific Leaders Scholarship - Government of British Columbia $7,500CA

2025-2028 UBC President's Academic Excellence Initiative PhD Award $1,245CA

GRANTS AWARDED - Co-Applicant

2026-2027 Canadian Institutes of Health Research (CIHR) - Project Grant Priority Announcement $100,000CA

Title: Refining the TRiP Cast Score: Using Thrombelastography After Lower Extremity Injury Surgery to Inform Personalized Thromboprophylaxis

PI: Prism Schneider

Co-Applicants: Paul Cantle; Marc Carrier; Dodd, AE; Duffy, PJ; Madeleine GormanAsal; Guy, P; Johal, H; Kassam, F; Robert Korley; Mann, S; Meulenkamp, B; Othman, M; Papp, S; **Kimberly Rondeau**; Deb Siegal; Leslie Skeith; Stockton, DJ; Tohidi, M; Geoffrey P Wilkin; Yach, JD; Daniel You

2024-2025 Canadian Institutes of Health Research (CIHR) - Catalyst Grant: Digital Health $100,000CA

Title: Digital Provincial POWER Program: Personalized Osteoporosis care With Early Recognition

PI: Prism Schneider

Co-Applicants: Ouida Antle; Ahmed M. Negm; Christine S Parke; Herman Johal; Angela G Juby; Robert Korley; Matthew R Menon; **Kimberly Rondeau**; Shannon M Ruzycki

2022-2025 Canadian Institutes of Health Research (CIHR) - Project Grant $577,575CA

Title: HIP fracture thromboPROphylaxis (HIP PRO) Pilot: A Pilot Randomized Controlled Trial

PI: Prism Schneider

Co-Investigators: Berry, Gregory Kenneth; Bessissow, Amal; Cantle, Paul; Carrier, Marc; Coles, Chad Preston; Halai, Mansur; Korley, Robert; Ross Kenneth Leighton; Morin, Suzanne Nicole; Negm, Ahmed Mohamed; **Kimberly Rondeau**; Emil Harald Schemitsch; Shivakumar, Sudeep Pappur ; Siegal, Deborah Michelle; Leslie Skeith; Geoffrey P Wilkin

2022-2025 Heart and Stroke Foundation of Canada - Grant-in-Aid $266,900CA

Title: Oral Anticoagulation in Hip Fracture Patients: A Multi-centre Pilot Study to Evaluate Feasibility of Implementing a Timely Hip Fracture Care Pathway

PI: Prism Schneider

Co-applicants: Leslie Skeith, Danae Krahn, Chris Prusinkiewicz, Kelly Zarnke, Matt Menon, Marc Carrier, Deb Siegal, Suzanne Morin, Amal Bessissow, James Green

Collaborators: Robert Korley, Paul Duffy, Ryan Martin, Andrew Dodd, Daniel You, Cinzia Gaudelli, Paul Cantle, Gary Dobson, **Kimberly Rondeau**, Ouida Antle, Dominic Cave, Karim Mohamed, Steven Papp, Herman Johal, Mitch Bernstein, Greg Berry, Kevin Hildebrand

2022 Orthopaedic Trauma Association Full Grant $65,640US

Title: Timely Hip Fracture Care Pathway Implementation: A Feasibility Study

PI: Prism Schneider

Co-applicants: Leslie Skeith, Robert Korley, Andrew Dodd, Paul Duffy, Ryan Martin, Danae Krahn, Chris Prusinkiewicz, Kelly Zarnke, Paul Cantle, **Kimberly Rondeau**, Ouida Antle, Dan Niven, Matt Menon, Cinzia Gaudelli, James Green, Geoff Wilkin, Deb Siegal, Marc Carrier, Greg Berry, Suzanne Morin, Amal Bessissow, Ross Leighton, Chad Coles, Sudeep Shivakumar

Collaborators: Gary Dobson, Dominic Cave, Steve Papp, Allan Liew, Brad Meulenkamp, Mitch Bernstein, Ed Harvey, Rudy Reindl

INVITED TALKS

University of Calgary Medical Residents (CORRG) - Hand dominance analyses - October 9, 2025

University of Calgary Medical Residents (CORRG) - Statistical Challenges in Data Analysis - December 7, 2023

BC Government - Guide to R via the Tidyverse: data wrangling and PREv data - January 18, 2023

University of Calgary - Introduction to R for Graduate Students (Workshop) - November 30, 2022

University of Calgary - Introduction to R for Medical Residents (Workshop) - December 1, 2022

BC Government - Data integrity and the Living Without Violence evaluation for program facilitators - October 4, 2022

BC Government - Common database queries and software used in the PREv unit - October 12, 2022

BC Government - Matching for control/cohort in recidivism analyses - July 2022

CONFERENCE CONTRIBUTIONS

2026 **Rondeau, K**; Nicholls, T Changing Health Profiles Among People Entering Provincial Correctional Centres from 2017-2025 in British Columbia, Canada. American Society of Criminology. Chicago, Illinois. Poster

2026 Schneider, P; Gorman-Asal, M; **Rondeau, K**; Allan, Jolene; Duque, G; Dodd, A; Rangel, E; Duffy, P; McDougall, L; Koreley, R; Martin, C. Self-Rated, Pre-injury Resiliency Predicts Better Functional Recovery in Patients with Surgically Treated Clavicle Fractures. Orthopaedic Trauma Association, Nashville, TN. Poster

2026 Sanders, E; Topham, J; Dodd, A; Duffy, P; Korley, R; Johal, H; **Rondeau, K**; Schneider, P. Evaluating the Cost-effectiveness of Surgical Management Options for Syndesmotic Fixation. Canadian Orthopaedic Association, St John's, Newfoundland and Labrador. Paper

2026 Sanders, E; **Rondeau, K**; Duong, J; Schneider, P. Impact of Fracture Type on Recovery Timeline Following Surgically Treated Upper Extremity Injuries. Canadian Orthopaedic Association, St John's, Newfoundland and Labrador. Poster

2026 Johal, H; Martin, R; Dodd, A; Duffy, P; Korley, R; Duong, J; **Rondeau, K**; Schneider, P. Cost Comparison Between Open Reduction and Internal Fixation and Non-operative Management for Ulnar Diaphyseal Fractures. Canadian Orthopaedic Association, St John's, Newfoundland and Labrador. Paper

2025 Schneider, P; Buckley, R; Korley, R; Martin, R; Duong, J; **Rondeau, K**; Duffy P. Why Do Patients Choose Not to Participate in Randomized Controlled Trials Comparing Operative Versus Non-operative Treatment?. Canadian Orthopaedic Association. Paper

2025 Schneider, P; Buckley, R; Korley, R; Martin, R; Witges, K; Maiti, S; Harrison, T; Duong, J; **Rondeau, K**; Duffy P. Older Age is a Risk Factor for Ulnar Diaphyseal Non-union. Canadian Orthopaedic Association. Poster

2024 Kubik, J; Schneider, P; Rooke, G; **Rondeau, K**; Dodd, A. Evaluation of Weightbearing CT Measurements

for Surgically Managed Calcaneal Fractures. Canadian Orthopaedic Association. Poster

2023 Schneider, P; You, D*; Dodd, A; Duffy, P; Martin, R; Yee, S; Duong, J; Tan, C; **Rondeau, K**; Korley, R. An Early Coagulation Factor Dominant Hypercoagulability Is Followed by a Prolonged Platelet-Dominant Hypercoagulability in Patients Requiring Hip Fracture Surgery. Orthopaedic Trauma Association. Abstract

2023 Schneider P, Yee S, Tan C, You D, Duffy P, Dodd A, Martin R, **Rondeau K**, Korley R. Patients Prefer Oral Agents Over Subcutaneous Injections for Thromboprophylaxis Following Hip Fracture Surgery. International Society on Thrombosis and Haemostasis Annual Meeting. Montreal, QC. Poster Presentation.

2023 Schneider, P; Dodd, A; Duffy, P; Martin, R; Skeith, L; **Rondeau, K**; Korley, R. Prolonged Platelet-mediated Hypercoagulability Occurs Following Surgically Treated Hip Fractures And ASA Reduces Platelet Hyperactivity. Orthopaedic Research Society Annual Meeting. Abstract

2023 Schneider, P; Yee, S; **Rondeau, K**; Berry, G; Reindl, R; Amedeo, M. Humeral Diaphyseal Nonunion Occurs More Commonly With Elevated Body Mass Index and Simple Fracture Types. Orthopaedic Trauma Association. Abstract

2022 Schneider, P; Yee, S; Amedeo, M; **Rondeau, K**; Reindl, R; Berry, G. Improved Shoulder and Elbow Range of Motion and Earlier Return to Work Occurs Following Open Reduction and Internal Fixation of Humeral Diaphyseal Fractures. Orthopaedic Trauma Association. Abstract

2022 J Kendal, LW Fruson, M Litowski, S Sridharan, M James, J Purnell, M Wong, TE Ludwig; J Lukenchuk, B Benavides, D You, T Flanagan, A Abbott, C Hewison, E Davison, BJ Heard, L Morrison, J Moore, L Woods, J Rizos, LJ Collings, **K Rondeau**, P Schneider: Which Radiographic Parameters Predict Delayed Fracture Displacement of Distal Radius Fractures Resulting in Surgical Treatment? Canadian Orthopaedic Residents Association (CORA). Abstract

2022 Alexandra Chiew, Gabriel Fabreau, Paul Ronksley, Tyler Williamson, **Kimberly Rondeau**, Kerry McBrien. Assessing Changes in Relational Continuity of Care Among Adults with Vulnerable Housing in a Transitional Case Management Program. Canadian Association of Health Services and Policy Research (CAHSPR)

2021 Kaitlyn Erin Dillabough, Claire Temple-Oberle, Kirsten Fiest, **Kimberly Rondeau**, Prism Schneider. A Novel Method of Breaking the Cycle of Intimate Partner Violence: Perpetrator Early Identification and Education in the Orthopaedic Trauma Setting. Canadian Orthopaedic Residents Association (CORA)

2021 Kendal, J*; Fruson, L*; Litowski, M*; Sridharan, S*; **Rondeau, K**; Schneider, P. Which Parameters Predict Delayed Fracture Displacement of Distal Radius Fractures Resulting in Surgical Treatment?. Orthopaedic Trauma Association. Poster

2021 Wong, M*; Wiens, C; LaMothe, J; **Rondeau, K**; Buckley, R; Duffy, P; Korley, R; Martin, R; Edwards, WB; Schneider, P. Four-Dimensional CT Analysis Confirms the Importance of Ankle Position When Assessing Syndesmotic Position. Orthopaedic Trauma Association. Poster

2021 Alexandra Chiew, Paul Ronksley, Kerry McBrien, **Kimberly Rondeau**. Changes in relational continuity of care among adults with vulnerable housing in a transitional case management program. North American Primary Care Research Group (NAPCRG)

2020 Schneider, P; Leighton, RK; Buckley, R; Korley, R; Yee, S; **Rondeau, K**; Duffy, P. A Randomized Controlled Trial Comparing Operative and Nonoperative Treatment of Ulnar Diaphyseal Fractures. Orthopaedic Trauma Association. Abstract

2020 Schneider P; Yee, S; Akbari, A*; You, D*; Beketskaia, M; Pham, D*; LeBlanc, R*; Slavikova, Z*; Schultz, L*; Duffy P; Dodd, A; Martin, R; **Rondeau, K**; Buckley, R; Korley, R. Utility of Fibular Fixation in Same-Level Tibia and Fibula Fractures: A Randomized Controlled Trial. Orthopaedic Trauma Association. 2020

2019 Dewsnap, Kyle; Kamran, Hasham; **Rondeau, Kimberly**; Polachek, Alicia; Fabreau, Gabriel; McBrien, Kerry. Assessing the impact of Connect 2 Care on the residential stability of homeless and vulnerably housed clients. Campus Alberta Student Conference on Health (CASCH)

2019 Kamran, H., Kennedy, G., **Rondeau, K**., Fabreau, G., McBrien, K. Using the Residential Time-line follow-back method to ascertain residential stability in Connect 2 Care clients. ABSPOR Summer Institute.

2019 Eimear Ryan, Elaine Wilson, Van Nguyen, Hasham Kamran, Alicia Polachek, Kyle Dewsnap, **Kimberly Rondeau**, Gabrial Fabreau, Kerry McBrien. Connect 2 Care (C2C): Coordinating care for vulnerable populations with complex needs and high acute care use. Ottawa, June 2019

PUBLICATIONS

Slaunwhite, A; **Rondeau, K**; Roth, K; Budau, J; Sabadash, E; Nicholls, T; Krishnamoorthy, A; Butler, A; Mead, A; McQuarrie L. 2026. The triple burden experienced by incarcerated people in British Columbia: Mental Illness, substance use, and poverty. BC Medical Journal. 68: 100-104.

Gareth, Ryan; Buckley, Richard; Duffy, Paul; Korley, Robert; Martin, Ryan; **Rondeau, Kim**; Schneider, Prism. 2025. Fibula-first Fixation in Same-level Distal Third Tibia and Fibula Fractures: A Randomized Controlled Trial. Journal of Orthopaedic Surgery. DOI: 10.1177/10225536251364177

Schneider P, Bajammal S, Leighton R, Witges K, **Rondeau K**, Duffy P. 2024. OPerative versus non-opERAtive management of isolated ULNAr diaphyseal fractures (OPERA-Ulna): protocol for a randomized controlled trial. Bone and Joint Open. May 20; 5(5): 411-418.

Brittany Carde, Leah Kennedy, Sarah Hamilton, Stephanie Yee, Kim Rondeau, Jacques van der Merwe, Emma Billington, Prism Schneider. Hypothyroidism and Future Fracture Risk Prediction From A Prospective Outpatient Fracture Liaison Service. JOURNAL OF BONE AND MINERAL RESEARCH. 2023 Volume 38 P392.

Kerry McBrien, Van Nguyen, Dailys Garcia-Jorda, **Kimberly Rondeau**, Alicia Polachek, Hasham Kamran, Eddy Lang, William Ghali, Cheryl Barnabe, Ted Braun, Patrick Mclane, Katrina Milaney, Paul E Ronksley, Ginetta Salvalaggio, Eldon Spackman, Karen L Tang, Tyler Williamson, Gabriel Fabreau. 2021. Connect 2 Care (C2C), a novel community outreach program for vulnerably housed patients with high acute care use: a mixed-methods study protocol. Frontiers in Public Health, section Family Medicine and Primary Care.

Sydney Candy, Nadine Schuurman, Alison MacPherson, Rachel Schoon, **Kimberly Rondeau**, Natalie L Yanchar. 2020. “Who is the right patient?” insights into decisions to transfer pediatric trauma patients. Journal of Pediatric Surgery. Volume 55, ISSUE 5, P930-937

COMMITTEE INVOLVEMENT

Toxic Drug Council - BCMHSUS 2026

Prescribed Safer Supply Study - Project Advisory Committee 2021-2026

BC Corrections Core programs training group 2022-2026

BC Corrections Mental Health and Substance Use network 2021-2024

Mixed methods evaluation of risk mitigation measures to address the dual public health crises of COVID-19 and overdose 2021-2022

ADDITIONAL EDUCATION & CERTIFICATES

Research Project Management Certificate - August 2026

International Day of Women in Statistics & Data Science Conference - Oct 13-14, 2025

CIHR: Institute of Gender and Health Core Competency Module for Sex and Gender in the Analysis of Secondary Data from Human Participants - July 1, 2025

Conference: 3rd Annual BC Concurrent Disorders - March 9, 2023

BCGov: Anti-Racism Data Act 101 - February 15, 2023

Conference: 2022 DLSS in Statistical Sciences - September 29-30, 2022

Statistical Horizons: Power Analysis and Sample Size Planning - June-July, 2022

Alberta Health Services: AHS: Health Information Act March 14, 2022

CITI: Health Canada Division 5 - Drugs For Clinical Trials Involving Human Subjects, March 8, 2022

AB SPOR Support Unit: Leadership in Patient-Oriented Research: Pragmatic Clinical Trials - January-June 2022

AHS: FOIP Certificate January 2022

CITI: Good Clinical Practice, December 27, 2021

BCGov: The 6 Rs of Trauma for the Indigenous Person - October 26, 2021

BCGov: Gender-Based Analysis Plus (GBA+): Introduction on Intersectional Analysis - July 19, 2021

BCGov: HoIL - Indigenous and Canadian Histories 101 - May 17, 2021

Stanford Online: Statistics in Medicine - January-March 2020

TCPS2: Core, Certificate - April 2019

ABSPOR: Health Analytics Certificate, University of Calgary - January-June 2019

Mount Royal University: Artificial Intelligence and Machine Learning - September 2019