## **CURRICULUM VITAE**

## I. BIOGRAPHICAL DATA

Name: Fiona M. Clement

- Work Address: Dept. of Community Health Sciences, University of Calgary Cal Wenzel Precision Health Building 3<sup>rd</sup> Floor, Rm GD#40 3280 Hospital Dr. NW Calgary, AB T2N 4Z6
- Contact: 403-210-9373 fclement@ucalgary.ca
- Citizenship: Canadian British
- Languages: English French

Present Position: Department Head, Community Health Sciences (August 2020 – present) Professor (appointed Jan 2011, promoted 2016 (Associate), 2021 (Full)) Director, Health Technology Assessment Unit (Jan 2012 – present)

Leaves: Dec 2008 – Mar 2009 Maternity leave July 2010 - Jan 2011 Maternity leave Sept 2011 - Jan 2012 Maternity leave Sept 2014 - Sept 2015 Leave of Absence (Harkness Fellowship)

## II. ACADEMIC RECORD

Harkness Fellowship	Sept. 2014 – Sept. 2015	University of California –
		San Francisco

Post-doctoral Fellowship

Sept.2007-

Mar 2010 University of Newcastle

PhD. Community Health Sciences	Sept. 2002 - June 2006	University of Calgary
Specializing in Health Services Research	ch and Health Economics	

Bachelor of Science Major: Statistics, Minor: English 1997-2001

University of Calgary

# III. AWARDS

- 2024 Cumming School of Medicine Alumni of Distinction Award
- 2023 Dr. Anne Crichton Lectureship: This lectureship was created in honour of Dr. Crichton, her immense contributions to the well-being of Canadians and honours Dr Crichton's commitment to improving B.C. and Canada's health care systems. The prize and lecture is given by an outstanding scholar on the health system and policy challenges that remain key to health promotion and the prevention of illness.
- 2022 Fellow of the College of New Scholars of the Royal Society of Canada
- 2020 Top 100 of 2020 Canada's Most Powerful Women: Emerging Leader category awarded to women who are at the mid-level stage of their careers and seen as high-potential contributors and have been targeted for successive leadership positions. They are passionate about learning and innovating and have accomplished a great deal in their chosen field.
- 2017 Peak Scholar, University of Calgary: awarded for achievements where the academic work has had an impact outside of the academy resulting in a positive social or economic impact in our communities.
- 2015 Avenue's Magazine Top 40 Under 40: a selection of 40 Calgarians under the age of 40 who have made outstanding contributions to the community
- 2015 Maurice McGregor Award from the Canadian Agency for Drugs and Technologies in Health (CADTH): A national award for outstanding excellence and leadership in Health technology assessment
- 2014 Harkness Fellowship in Health Care Policy and Practice (held at University of California - San Francisco): a prestigious award given to 1-2 Canadians per year (12 international awardees a year) to enable them to complete a fellowship in US and international health policy
- 2007 Alberta Heritage Foundation for Medical Research Post-doctoral Fellowship Award (held in Newcastle, UK)
- 2007 Canadian Health Services Research Foundation Post-doctoral Award (held in Newcastle, UK)
- 2006 Canadian Cardiovascular Outcomes Research Team (CCORT) Post-doctoral Fellowship Award (Held in Calgary, AB)
- 2004 Canada Ġraduate Student Scholarship from CIHR
- 2004 Alberta Heritage Foundation for Medical Research Studentship
- 2004 Dean's Excellence Research Award
- 2004 Canadian Cardiovascular Outcomes Research Team (CCORT) Studentship
- 2004 Tomorrow Research Cardiovascular Health Professionals (TORCH) Studentship

# IV. EDUCATIONAL ACTIVITIES

- Co-instructor for graduate course MDCH 666 Health Policy (2016, 2017, 2018, 2019, 2021, 2022, 2023, 2024)
- Developed 6 podcasts for Undergraduate Medical Education module on population health (2023)
- Co-instructor for graduate course MDCH 663 Decision Analysis in Healthcare (2005, 2007, 2009, 2010, 2012, 2014, 2016, 2017, 2018, 2019)
- Co-instructor for a 6-session Health Economics course organized for the Strategic Clinical Networks within Alberta Health Services to build the healthcare system

and policy-receptor capacity to incorporate economic outcomes into healthcare decisions and evaluations (2015) Preceptor for MDCH 755 Systematic Review and Meta-analysis (2013, 2015) Guest Lecturer in MDCH 660: Foundations in Health Services Research (2010,

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- 2011, 2013, 2014, 2016)
- Co-instructor for MDCH 700 Introduction to secondary databases in Canada • (2013)

#### TRAINEE SUPERVISION V.

1. Current Trainees

Year began	Degree	Student
2020	PhĎ	Mark Hofmeister (Dept. Community Health Sciences)

2. Graduated Students:

Years in program 2019-2023	Degree MSc	Student Paul Boucher (Dept. Community Health Sciences)
2018-2021	MSc	Thesis: Costs of the Acute Respiratory Distress Syndrome John Taplin (Dept. Community Health Sciences) <i>Awarded EMS Foundation Studentship</i> Thesis: A Retrospective Cohort Study of Health Service Utilization and Costs of People Experiencing Homelessness
2015-2020	PhD	Following Community Paramedic Care Rosmin Esmail (Dept. of Community Health Sciences) Awarded Alberta Innovates Health Solutions Studentship
2013-2019	PhD	Thesis: Understanding the relationship between HTR and KT Lesley Soril (Dept. of Community Health Sciences) Thesis: A health technology reassessment of blood transfusion
2014-2019	PhD	practices in ICUs Stephanie Coward (co-supervisor, Dept. of Community Health Sciences)
2016-2018	MSc	Thesis: Predicting the future burden of IBD Mark Hofmeister (Dept. of Community Health Sciences) Thesis: An economic evaluation of the SPRITELY trial
2017-2018	BHSc (Honours)	Katherine (Ally) Memedovich (Bachelor of Health Sciences) Honour Thesis: Drug pricing and rebates in Canada
2015-2017	(Honours) MSc	Laura Sevick (Dept. of Community Health Sciences) Thesis: Economic Evaluation of an Electronic Discharge Tool:
2015-2017	MPH	an cost-utility analysis of an RCT Gil Earner (co-supervisor, School of Public Health, University of Alberta) Thesis: Systematic review and cost analysis of comprehensive
2015-2017	MSc	geriatric assessments David (Ziyu) Zhang (Dept. of Community Health Sciences) Thesis: Economic Evaluation of PCSK9 Inhibitors: A cost-utility
2013-2017	MSc	decision model Jong Kim (Dept. of Community Health Sciences) Thesis: An economic evaluation of the addition of HPV vaccination for boys in Grade 5 to the female grade 5
2012-2014	MSc	vaccination programme Laura Leggett (Dept. of Community Health Sciences) Thesis: Cost-effectiveness of Cardiac Rehabilitation

# 3. Committee Membership:

Years in program 2023 - 2023- 2018-2020	Degree MSc MSc MSc	Student Kat Dolguikh Chris Roach Chloe de Grood Thesis: Public Involvement in Identifying Low-Value Clinical Practices for De-adoption: A Mixed Methods Study of Choosing Wisely Initiatives
2018-2019	MSc	Emma Sypes
		Thesis: Understanding the Role of the Public in Reducing Low-
		value Care
2015-2017	MSc	Hena Quereshi
		Thesis: The economic impacts of dietary sodium reductions in the Canadian population
2010-2013	MSc	Stephanie Coward
		Thesis: Cost-effectiveness of Smoking Cessation Strategies in
		Patients with Inflammatory Bowel Disease
2008-2012	PhD	Mohammed Almekhlafi
		Thesis: The Safety and Cost-Effectiveness of Carotid Angioplasty
		and Stenting in Calgary – awarded the Governor General's Gold Medal

- 4. External Examiner:
- 2024 Fadumo Robinson (University of Calgary, Faculty of Nursing) Field of Study Exam
- 2022 Stephan Mac (University of Toronto) PhD: Applying Health Technology Assessment Methodologies to Support Health Policy for Lyme Disease: Assessing Health and Economic Burden, and Cost-effectiveness of Potential Interventions
- 2022 Nathan Neeteson (University of Calgary, Biomedical Engineering) Candidacy exam
- 2022 Siyuan Liu (University of Alberta, School of Public Health) PhD: The economic burden of excessive sugar intake and the impact of sugar taxes in Canada
- 2022 Sayed Hamid Akbary (University of Calgary, Department of Sociology) PhD: Shift in Masculine Status after Migration and Its Impact on Muslim Immigrant Men's Integration in Canada
- 2021 Katrin Kaal (University of British Columbia) PhD: Care coordination among survivors of childhood, adolescent and young adult cancer: patient sharing, healthcare utilization, guality of care, and cost
- 2019 Meredith L. Brockway (University of Calgary, Faculty of Nursing) PhD: Effect of Alberta Family Integrated Care (FICare) on breastfeeding self-efficacy and breastmilk feeding in moderate and late preterm infants
- 2019 Kelsey Chalmers (University of Sydney) PhD: Utilising Big Data in the search for low-value health care
- 2019 Mary Maloney (McMaster University)

- PhD: Health Technology Reassessment Frameworks
- 2018 Nichole Austin (McGill University)
  - PhD Thesis: Assessing the impact of supply-side abortion regulations in the United States
- 2018 Sarah Simmons (Faculty of Social Science, Psychology) Candidacy Exam
- 2017 Maxine Scringer-Wilkes (Faculty of Nursing) MA Thesis: The Association between Breastmilk Feeding and Parental Leave Policies in Organizational for Economic Co---operation and Development (OECD) Countries: A Systematic Review
- 2016 Guosong Wuo (Dept. of Community Health Sciences) Candidacy Exam
- 2016 Ali Shajarizadeh (Dept. of Economics) PhD Thesis: Essays on Pharmaceutical Economics
- 2014 Ilia Ferussi (McMaster University) PhD Thesis: Economic Evaluation of HER2 Targeted Breast Cancer Therapy
- 2013 Samuel Xu (Haskayne School of Business) PhD Thesis: An Agile Approach for Healthcare Simulation Modelling

# VI. LEADERSHIP ACTIVITIES

- 1. Department Head, Community Health Sciences, University of Calgary (August 2020ongoing)
- 2. Director, Health Technology Assessment Unit, University of Calgary (January 2012ongoing)
- 3. Co-developed and facilitated Women in Leadership Professional Development Course (2021 ongoing)
- 4. Chair, Cumming School of Medicine Awards Committee (January 2022-ongoing)
- 5. Member of the Board of Directors, Calgary Drop-In Centre (July 2018 June 30, 2021)
- 6. Successfully completed Cumming School of Medicine Leadership Training, University of Calgary (2017)
- 7. Successfully completed "Academic Leadership and Scientific Management" through University of California-San Francisco (6-day training workshop, Jan/Feb 2015)
- 8. Editor of *Evidence to Practice* in JAMA-Internal Medicine; a monthly section that summarizes topical HTAs into action-oriented recommendations for clinicians. (June 2015-2023)

# VII. POLICY ACTIVITIES

1. Alberta Health Evidence Review Process (January 2012-present).

The Alberta Health Evidence Review Process is the Expert Advisory Panel to review publicly funded health services in Alberta. It supports the use of appropriate evidence and information for decision-making on the public funding of health technologies and services, with emphasis on technologies requiring review provincially or nationally. It has engaged 3 partner Health Technology Assessment Units to support the process' evidence requirements and provide academic support to enhance the process. I am the current director of one of the Health Technology Assessment Units. My contributions in this role include leadership to support on-going adaption of the process to increase efficiency and relevance and completion of timely HTAs to support public funding decisions of specific technologies.

2. British Columbia Health Technology Review (May 2016-March 2024)

The British Columbia Health Technology Review is the process to review publicly funded health services in BC. It supports the use of appropriate evidence and information for decision-making on the public funding of health technologies and services. There are 2 partner Health Technology Assessment Units to support the process (The University of Calgary HTA Unit and C2E2, Vancouver Coastal Health). My contributions in this role include completion of timely HTAs to support decision-making.

3. Expert Committee on Drug Evaluation and Therapeutics (Sept 2016-July 2023)

This Expert Committee for Alberta Health provides advice as related to the Alberta Health Drug Benefit List; and provides recommendations to the Minister for consideration in making decisions on the benefit status of drugs on the List related to inclusion, deletion, coverage criteria, and interchangeability, by reviewing drug submissions and applying expertise to assess the scientific, therapeutic, clinical and socio-economic merits of drug products. I served as the Vice-Chair from 2018-2021 followed by Chair (2021-2023).

# VIII. RESEARCH SUPPORT

	Last 5 years (\$) (2020-2025)	Career Total (\$)
Total as PI Total as Co-Investigator	\$14,060,441 \$26,210,478	\$20,959,026 \$38,579,397
TOTAL	\$40,270,919	\$59,538,423

Title	Amount	Years	Agency	Role	Co-investigators
Alberta Drug and Technology	\$3,156,118	2022-	CADTH Co-Lab	Co-l	PI: Klarenbach S.
Evaluation Consortium (ADTEC)		2025			CO-I: Round, J, Williamson T,
					Eurich D, Richer L
Interactive Voice Recording Evidence	\$40,000	2023	Alberta Health	PI	
Review			Services		
Building solutions to address drugs	\$149,850	2022	CIHR	Co-I	PI: Tadrous, M, Mittmann N, Ahmed
shortages in Canada: developing an					S.
evidence-based at-risk medicine list					

Addressing cost-teilated nonadherence of prescription medications through avidence-informed cost-sharing policies in public drug plans to advance health equity in Canada Strategy for Patient-Oriented Research (SPCR) Evidence Aliance, Canada Institutes of Health Research (CHR), Operating Grant. SPCR – Cuidelines and Renewal.; Strategy for Patient-Oriented Research (SPCR) Evidence Aliance, Canada Strategy for Patient-Oriented Research (SPCR) Evidence Aliance, Canada Institutes of Health Research (CHR), Operating Grant. SPCR – Cuidelines and Renewal.; Strategy for Patient-Oriented Research (SPCR) Evidence Aliance, Canada Research (CHR), Operating Grant. SPCR – Cuidelines and Renewal.; Strategy for Patient-Oriented Research (SPCR) Evidence Aliance, Canada Research (CHR), Operating Grant. SPCR – Cuidelines and Renewal.; Strategy for Patient D. Ferior A. Co-Cr Austrati M. Willehim L. Co-Cr Austrati M. Minime M. Co-Grant S. Bagheri E. Bazter N. Bornsten S. Borowers M. Covide D. Decary S. Dobtins M. Covide D. Leceping- Burke L, Wells S, Kinger C, Lai S, Lavis J, Lee E, Legar F, Little J, Kinger C, Lai S, Lavis J, Lee E, Legar F, Little J, Minor C, Meayyad P, Murphy A, Presseau J, Regar K, Stelfork S, Rosel J, Nittor C, Meayyad P, Murphy A, Presseau J, Regar K, Singer M, Cooliboratis Bardooborso S, Basaran J, Battatcharya O, Brunnhuber K, Glasziou P, Ho J, Itbacher-Fox S, Jonden Z, Langolio R, Lewer A, Menna J, Lewer J, Lewer J, Sey M, Singal D, Stevens A, Homer M, Mittorn A, Mina K, Page M, Paroner J, Frower J, R. Stevens A, Menna Z, Minada R, Marka K, Page M, Parower A, Thomer M, Rotabe C, Micari A, Landobar C, Whilson R, Micari L, Soobari C, Whilson R, Micari L, Soobar	Title	Amount	Years	Agency	Role	Co-investigators
of prescription medications through evidence-informed cost-sharing policies in public drug plans to advance health equily in Canada Strategy for Patient-Oriented Research (SPOR) Evidence Alliance, Canadian Institutes of Health Research (CIHR), Operating Grant. SPOR – Guidelines and Renewal.: Co-PI: Abou-Setta A, Colquihour H, Curran J, Godfrey C, Isaranuwatchai W, Leblanc A, LL, Moher JS, Soura A, LL, Moher JS, Soura A, LL, Moher JS, Soura A, Colquinour H, Caracita S, Canadian Institutes of Health Research (CIHR), Operating Grant. J, Sodfrey C, Isaranuwatchai W, Leblanc A, LL, Moher D, Decary S, Dobins M, Dolovich L, Donna J, Duhn L, Elliot M, Entrol M, Wilson J, Bayes A, CovPI A, Smith W, Ueblanc A, LL, Moher D, Decary S, Dobins M, Dolovich L, Donna J, Duhn L, Elliot M, Entrol M, Wilson J, Bayes A, Goodar Z, Goodridge D, Graham I, Grunfeld E, Hatting L, Horsley T, Hutton B, Iyer S, Jibb L, Keeping Burke L, Kelly S, Ringer C, Lal S, Lavis J, Lee E, Legare F, Little J, Luckar-Flude M, Lukaris D, Macane J, Maximos M, Micabe C, Micase N, Bornsid M, Wilson N, Maximos M, Micabe C, Micase N, Bornsid M, Watt J, Weich W, Kimer M, Stniger C, Lal S, Lavis J, Lee E, Legare F, Little J, Luckar-Flude M, Lukaris D, Micase J, Maximos M, Micabe C, Micase J, Bayes K, Singer C, Lal S, Lavis J, Lee E, Legare F, Little J, Luckar-Flude M, Lukaris D, Micase J, Maximos M, Micabe C, Micase J, Maximos M, Micabe C, Micase J, Bayes M, Santesero N, Wilson R, Word K, Woodgate R, Young N, Collaborators: Satodobros S, Basran J, Bhattacharyvo O, Brunnhuber K, Satodobros S, Basran J, Bhattacharyvo O, Brunnhuber K, Satodobros S, Basran J, Bhattacharyvo O, Brunnhuber K, Sonta S, Sonta S, Sonta S, Sonta S, Sonta S, Satodobros S, Basra K, Shibye M, Wonz S, Mocel J, Murph T, Pomeroy B, Rodnin R, Santors A, Tunis M, Wilson						CO-I: Fahim C, Gomes T, Antoniou T, Beall R, Trapani D, Graili P, Hardcastle L, Juurlink D, Law M, Mamdani M, Maxwell C, Suda K.
<ul> <li>Strategy for Patient-Oriented Research \$2,630,000</li> <li>2022-2023</li> <li>CIHR</li> <li>Co-PI NPI: Tricco A.</li> <li>CO-PI Abou-Setta A, Colquhoun H, Corran J, Godfry C, Operating Grant: SPOR – Cuidekines</li> <li>and Renewal.;</li> <li>Co-RI Alows S. Extension</li> <li>and Renewal.;</li> <li>Co-RI Alows S. Extension</li> <li>Co-RI Alows S. Extension</li></ul>	Addressing cost-related nonadherence of prescription medications through evidence-informed cost-sharing policies in public drug plans to advance health equity in Canada	\$149,804	2022	CIHR	Co-I	CO-I: Capelli J, Dolman D, Florizone D, Job McIntosh C, Joosse M, Manns B, Nelson D, Robertshaw S, Wong A, Beall R, Fletcher J, Gomes T, Hemmelgarn B, Law M, Morgan S, Quinn A, Tamblyn R, Tonelli M, Tsuyuki R,
	Strategy for Patient-Oriented Research (SPOR) Evidence Alliance, Canadian Institutes of Health Research (CIHR), Operating Grant: SPOR – Guidelines and Systematic Reviews - Extension and Renewal.;	\$2,630,000		CIHR	Co-PI	NPI: Tricco A. Co-PI: Abou-Setta A, Colquhoun H, Curran J, Godfrey C, Isaranuwatchai W, Leblanc A, Li L, Moher D, Smith L, Straus S. Principal Knowledge Users: Gall Casey C, Gunderson J, Hayes A, Proctor A, Smith M, Wilhelm L. Co-I: Audas R, Bacon S, Bagheri E, Baxter N, Bornstein S, Brouwers M, Coyle D, Decary S, Dobbins M, Dolovich L, Donnan J, Duhn L, Elliot M, Embrett M, Fahim C, Florez I, Gagnon M, Gaudine A, Giguere A, Goodarzi Z, Goodridge D, Graham I, Grunfeld E, Hartling L, Horsley T, Hutton B, Iyer S, Jibb L, Keeping- Burke L, Kelly S, Klinger C, Lal S, Lavis J, Lee E, Legare F, Little J, Luctkar-Flude M, Lukaris D, Macarthur C, Macdonald M, Majnemer A, Mann J, Manns B, Martin J, Maximos M, McCabe C, McGowan J, Mitton C, Moayyedi P, Murphy A, Presseau J, Rieger K, Ross-White A, Santesso N, Sawchuck D, Scott S, Sears K, Sibley K, Sim M, Snelgrove-Clarke E, Stelfox T, Szatmari P, Thavorn K, Thombs B, Veroniki A, Watt J, Welch V, Wells G, Wilson M, Wilson R, Woo K, Woodgate R, Young N. Collaborators: Baidoobonso S, Basran J, Bhattacharyya O, Brunnhuber K, Glasziou P, Ho J, Irlbacher-Fox S, Jordan Z, Langlois E, Leese J, Menear M, Mittman B, Mrklas K, Page M, Paus Jenssen E, Rabeneck L, Soobiah C, Whiteside C. Knowledge Users: Carter C, Elliott Rose A, Hoens A, Holmes B, Khan T, Koehn C, McKinnon A, McQuitty S, Moroz S, Mosel J, Murphy T, Pomeroy B, Rodin R, Sanon P, Scott M, Singal D, Stevens A, Tunis M, Wiebe R, Yu C,
	The prospect of wise governments: The Canadian experience of policy	\$141,013	2021-	CIHR Operating Grant	CO-I	PI: Denis, JL, Lavis J, Forest PG

Title	Amount	Years	Agency	Role	Co-investigators
learning in and after COVID-19 pandemic					Co-I: Bharwani A, Sutherland J, Cote N
GROWW (Guiding interdisciplinary Research on Women's and girls health and Wellbeing)	\$2,400,000	2022- 2028	CIHR Health Research Training Platform – Pilot Competition	CO-I	PI: Amy Metcalfe, Erin Brennand, Ryan Van Lieshout, Jennifer Gordon Co-I: Sofia Ahmed, Jillian Ashley- Martin, Angela Baerwald, Hilary Baikie, Michael Baker, Ashley Balsom, Greta Bauser, Anouk Benseler, Amelie Boutin, Hilary Brown, Zoe Cairncross, Andrea Doucet, Ariel Ducey, Jessica Ferne, Jessica Fields, Jacquie Gahagan, Sadie Goddard-Durrant, Marnina Gonick, Brenda Green, Margo Greenwood, Sarah Hewko, Kathryn Hong, KS Joseph, Cindy Kalenga, Joanne Kotsopoulos, Fiona Kouyoumdjian, Nadine Lanctot, Jennifer Leason, Harriet MacMillan, Isabelle Malhame, Kelly Metcalfe, Renee Monchalin, Kara Nerenberg, Genevieve Paquette, Ito Peng, Carla Rice, Margaret Robinson, Andreanne Robitaille, Sue Ross, Alan Santinele Martino, Natalie Scime, Cynthia Seow, Alison Shea, Katie Soper, Laura Targownik, Valerie Tayloer, Ellie Vyver, Lauren Walker, Elizabeth Wall-Wieler, Tobias Wiggins, Whitney Wood, Nese Yuksel
Rapid monitoring of the Impact of the COVID-19 pandemic on trends in drug supply and associated clinical outcomes	\$489,267	2021	CIHR - Emerging. COVID-19 Research. Gaps & Priorities - Healthcare Resource Allocation	CO-I	NPI: Tadrous, Mina PI: Law, Michael; Antoniou Tony; Gomes, Tara CO-I: Cheung L, Juurlink D, Mamdani M, Maxwell C, Paterson M, Suda K
Five years after the Mid-Urethral Sling Tensioning (MUST) trial: cure of stress urinary incontinence symptoms, health care utilization and cost-effectiveness associated with two techniques for MUS incontinence surgery	\$150,000	2021- 2024	CIHR Project Grant	CO-I	PI: Brennand, Erin A CO-I: Kim-Fine, Shunaha; Quan, Hude; Robert, Magali
Leveraging Artificial Intelligence and the APPROACH Registry to Transform Coronary Artery Disease Patient Care	\$604,350	2021- 2024	CIHR Project Grant	PI	NPI: Lee, Joon PI: Har, Bryan; Sajobi, Tolulope T; Sauro, Khara M; White, James A CO-I: Caird, Jeffrey K; Graham, Michelle M; James, Matthew T; Wilton, Stephen B
An mHealth Intervention and Community Partnership to Promote Mental Health in Children born to Mothers with Depression and Psychosocial Stress during COVID-19: A randomized controlled trial	\$150,000 \$1,500,000	2021	CIHR - Understanding/mit igating impacts of COVID-19 on children, youth & families	CO-I	PI: Roos, Leslie E; Braun, Mildred J; Tomfohr-Madsen, Lianne M Co-I: Afifi, Tracie O; Chartier, Mariette J; Mary; Katz, Laurence Y; Kelly, Lauren; Klassen, Terry P; MacKinnon, Anna; Mushquash, Aislin; Reynolds, Kristin A; Rioux, Charlie PI: Swain M
feasible and cost-effective	φ1,000,000	2024	– Health Solutions	lead	

Title	Amount	Years	Agency	Role	Co-investigators
		Tears			Co-leads: Egan C, Mrklas K, Shaheen A, Godley J, Congly S, Reeb L, Tsuyuki R, Hughes C, Usman H, Calliou A
Transmissibility of COVID-19 among vaccinated individuals: a rapid review	\$19,375	2021	Alberta Health Services	PI	
Surveillance of COVID-19 in a vaccinated population: a rapid review	\$ 25,865	2021	Health Canada	PI	
Building Capacity and Supporting Health Technology Assessment in Alberta	\$1,853,685	2021- 2024	Alberta Health	PI	
Building Capacity and Supporting Health Technology Assessment in British Columbia	\$870,000	2021- 2024	BC Ministry	PI	
Evaluating the impact of a mandatory switching policy for biosimilars	\$99,450	2021- 2022	CIHR Project Grant	CO-I	PI: Harrison M, Bansback N CO-I: Anis A, Beall R, De Vera M, Law M
ACCELERATE: Partnering with ICU patients and family caregivers toward early transitions in care	\$118,575	2021- 2024	CIHR Project Grant	CO-I	PI: Fiest K, Foster N, Parsons-Leigh J, Sept B, Stelfox T CO-I: Ahmed S, Bagshaw S, Benzies K, Cunningham C, Deemer K, Elotn-Lacasse C, Kyeremanteng K, Lau V, Niven D, Papathanasoglou E, Parha K, Roach P, Spence S, Straus S, Sy E, Taljarrd M, Wunsch H
COVID 19: Identifying and addressing intersecting barriers of gender, sex and race to academic productivity in Canadian Faculties of Medicine during the COVID-19 pandemic	\$25,000	2021	SSHRC Partnership Engage Grants – COVID 19 Special Initiative	CO-I	PI: Soklaridis S CO-I: MacLeod A, Kuper A, Schrewe B, Chambers C, LeBlanc C, Ross H, Holroyd-Leduc J, MacKinnon K, Rajah M, Houston P, Taylor V, Stergiopoulos V
COVID-19 Evidence Network to support Decision-making (COVID- END)	\$1,000,000	2020 - 2021	CIHR	CO-I	NPI Lavis JN CO-PI: Grimshaw JM, Santesso NAM, Tricco AC Co-I: Abou Setta A, Adams O, Adhikari N, Bacon S, Bean T, Bhutta Z, Bignami S, Bornstein S, Brennan J, Brignardello Peterson R, Brouwers M, Bryan S, Chilibeck P, Conly J, Corneil T, Curran J, Diamond D, Dobbins M, Dumez D, Durnford K, Florez I, Forest P-G, Fowler R, Friedenreich C, Gagnon A, Garritty C, Ghali W, Greenwood M, Grinspun D, Guyatt G, Hartling L, Hayden J, Hayes A, Hazlewood G, Hebert P, Hutton B, Iorio A, Jedwab J, Kellner J, Kelly S, Khawaja Z, Lamontagne F, Leblanc A, Leontiadis G, Levinson W, Li L, Little J, Manns B, Meddings J, Milaney K, Mittmann N, Mitton C, Moayyedi P, Moffitt P, Moher D, Montesanti S, Morris A, Murthy S, Neil-Sztramko S, Pottie K, Proulx L, Reid R, Reiger K, Roy D, Salvadori M, Sawatzky R, Saxinger L, Schuckel V, Schunemann H, Sharma N, Shaw S, Shea B, Siemieniuk R, Smith M, Southern D, Spinks N, Stelfox H, Straus S,

Title	Amount	Years	Agency	Role	Co-investigators
					Thombs B, Tonelli M, Tugwell P, Turgeon A, Watson-Creed G, Welch V, Wells G, Williamson T, Wilson MG, Wright J
Mitigating the Socioeconomic Impact of Women's, Children's and Adolescent's Health during Pandemics: A Rapid Review	\$20,000 USD	2020	World Health Organization	Co-PI	Co-PI: A. Tricco
Intradermal versus Intramuscular Administration of Influenza Vaccination: a Rapid Review	\$23,481	2020	Public Health Agency of Canada	PI	
Development of an Implementation Framework to Advance Provincial and National Health System Supply Chain Management of the COVID-19 Pandemic	\$1,378,607	2020	CIHR COVID rapid research	Co-I	PI: A . Snowdon Co-I: da Silveira C, Giovani J, Finegood D, Forest PG, Greiner R, Guitouni A, Horsley T, Hussein A, Kasmani, A, Kobti Z, Landry, S, Manns B, Metge C, Mitchell A, Mitchell C, Rabinowitz A, Rebolledo, C, Richer L, Roy J, Walker, D
Improving radiological services. From capricious low-value care to effective high-value services.	S10 M NOK (\$ 1.5 M CAD)	2020- 2024	Norwegian Research Council	Co-I	PI: Hofmann B Co-I: Bryan S, Elshaug A
A Meta-Ethnography of Methamphetamine Use: Mobilizing qualitative synthesis and the lived experiences of People Who Use Drugs to inform harm reduction and public health interventions in Alberta	\$80,120	2020- 2021	CIHR	Co-I	Pl: Haines-Saah R, Blanchette K Co-I: Etches N, Mcneil R, Hyshka E, Salvalaggio G, Ivsins A.
Minimizing Variation In Care Among Critically III Patients With Respiratory Failure Through Implementation Of An Evidence-Informed Care Pathway	\$600,524	2020- 2024	CIHR	Co-I	NPI: Parhar K PI: Fiest K, Niven D, Stelfox T Co-I: Bagshaw S, Dodek P, Doig C, Fowler R, Roze des Ordons A, Rubenfeld G, Sauro K, Scales D, Soo A, Zuege D,
Just Coverage Decisions: Including Legal Analysis into the Assessment of Health Technologies	\$380,000	2020- 2023	CIHR	Co-I	PI: Flood C Co-I: Aith F, Krahn M, Cortez N, Herder M, Hardcastle L, Ravitsky V, Syrett K.
Methods and Applications Group for Indirect Comparisons Collaborating Centre	\$4,199,027	2019- 2022	CIHR/Drug Safety and Effectiveness Network	Colla borat or	NPI: Tricco A PIs: Hutton B, Moher D, Straus SE, Wells G Co-I: Abou-Setta A, Hazlewood G, Hemmelgarn B, Hossain A, Kelly S, Presseau J, Reeves B, Stevens A, Thavorn K, Watt J Collaborators: Bouck Z, Catala- Lopez F, Clement F, Coyle D, Dolovich L, Elliott J, Garritty C, Gill P, Isaranuwatchai W, Kanji S, Kastner M, Klarenbach S, Loeb M, Loke Y, Manns B, McDonald E, Pham B, Rice D, Shea B, Sketris I, Stacey D, Tugwell P, Veroniki AA
Primary Screening for Diabetic Complications: A Systematic Review	\$40,000	2019	Diabetes Action Canada	PI	
Co-designing a Patient and Family Caregiver-Oriented Transitions in Care Bundle	\$1,107,400	2019- 2023.	CIHR Transitions in Care Team Grant	Co-I	NPI: Fiest, KM Pls: Farrier, CE, Foster, NK, Kupsch, S, Niven, D, Oxland, PR, Parsons Leigh, JJ, Sept, BG, Stelfox, HT, Straus, SE A

Title	Amount	Years	Agency	Role	Co-investigators
	<b>450.000</b>	0010			Co-I: Amaral, A, Au, S, Bagshaw, S, Ball, I, Bell, C, Benzies, K, Bourne, R, Burns, K, Davidson, J, Dodek, P, Doig, C, Ely, EW, Forster, A, Fowler, R, Fox-Robichaud, A, Fraser, N, Grant, C, Holroyd-Leduc, J, Kashuba, S, King, J, Kyeremanteng, K, Lau, V, Manns, B, McBrien, K, Muscedere, J, Papathanasoglou, E, Piskulic, D, Rasiah, J, Rewa, O, Roumeliotis, N, Roze des Ordons, A, Sauro, K, Sinnadurai, S, Soo, A, Taljaard, M, Turgeon, A.
Cannabis and Mental Health: A scoping review and jurisdictional scan	\$50,000	2019	Mental Health Commission of Canada	Co-PI	Co-PIs: Haines-Saah R, Patten S, Hill M.
Creating a Living Knowledge Translation Agenda to Improve the Delivery of Evidence-based Care in Adult Critical Care Medicine	\$393,974	2019- 2022	CIHR	Co-I	PI: D. Niven, A. Fox-Robichaud, T. Stelfox CO-I: S. Bagshaw, J. Parson-Leigh, S. Straus, D. Zuege
Reducing the global burden of infectious diseases through precision population health	\$11,030,000	2018- 2022	Genome Canada	Co-l	PI: I. Lewis, D. Church Co-I: A. Earl, S. Noskov
Assessing the Needs of Vulnerable Sub-populations: A Scoping Review of Best Practices in Response to the Opioid Crisis	\$50,000	2018	CIHR	Co-I	PI K. Milaney CO-I: Lorenzetti D, Haines-Saah R, Hansen B, Etches N, McBrien K, Boucher P, Hill L, O'Gorman C, Nguyen V, Doig C, Maulik B, Hennig S, Rittenbach K, Cabaj J, Hemmelgarn B
Building Capacity and Supporting Health Technology Assessment in Alberta	\$1,853,685	2018- 2021	Alberta Health	PI	
Building Capacity and Supporting Health Technology Assessment in British Columbia	\$870,000	2018- 2020	BC Ministry	PI	
Documenting our journey: the stories of patients and their families of living with syncope	\$270,000	2018- 2020	Cardiac Arrhythmia Network of Canada (CANnet)	Co-PI	Co-PI: Mary Runte (funds held at University of Lethbridge)
Improving ICU-to-Ward Transfers of Care: Evaluation of a KT Tool Kit and ICU Transfer Tool	\$265,148	2017- 2019	Canadian Frailty Network	Co-I	PI: T. Stelfox, S. Bagshaw CO-I: S. Straus, A. Forster, P. Dodek, C. Doig, P. Oxland, E. Papathanassoglou, D. Zuege, J, Parsons-Leigh, M. Detsky, J. Holroyd-Leduc, D. Niven, V. Vandal- Walker, K. Zjadewicz, C. Grant, D. Rockliff
REACH Network (renamed SPOR Evidence Alliance)	\$5,000,000	2017- 2022	CIHR: SPOR guidelines and systematic reviews	PI	NPI: A. Tricco Pls: J. Abbott, K. Barker, N. Beben, T. Clifford, C. Casey, A. Hayes, A. Proctor, G. Teare, A. Abou-Setta, H. Colquhoun, J. Curran, C. Godfrey, W. Isaranuwatchai, A. Leblanc, L. Li, P. Moffitt, D. Moher, S. Straus + 80 CO-Is and knowledge partners
Building Capacity and Supporting Health Technology Assessment in British Columbia	\$400,000	2017- 2018	BC Ministry	PI	

Title	Amount	Years	Δαρησγ	Role	Co-investigators
Palliative Care, Early & Systematic (PaCES): Impact on Patient & Health System Outcomes	\$11,566	2017	Agency CIHR: Partnerships for Health System Improvement for Cancer Control: Letter of Intent	CO-I	Co-investigators PI: J. Simon CO-I: A. Sinnarajah M. Kerba, P. Tang, S. Watanabe, S. Verma, T. Braun, N. Hagen, E. Kurien, W. Cheung, K. Fassbender, H. Marr, P. Faris, C. DeOliveira, C. Cuthbert
Community Alternatives for Syncope Management in the Emergency Room (CASMER)	\$1,389,476	2017- 2020	Cardiac Arrhythmia Network of Canada (CANnet)	CO-I	PI: S. Raj CO-I: G. Lazarenko, I. Blanchard, M. Runte, R. Sheldon
De-Adopting Low-Value Practices in Critical Care Medicine	\$321,300	2017- 2020	CIHR: Project Scheme	CO-I	PI: Jeanna Parsons Leigh CO-I: S. Bagshaw, D. Niven, P. Dodek, S. Straus, J. Boyd, K. Fiest, D. Heyland, A. Soo, I. Ball, K. Zjadewicz, D. Zygun, D. Demiantschuk T. Stelfox
Safer Care for Older Persons in (Residential) Environments	\$913,577	2016- 2019	CIHR: Project Scheme	Co-I	PI:A. Wagg Co-I: J. Baumbusch, A. Senthilselvan, J. Squires, L. Cranley (grant held at University of Alberta)
Building Capacity and Supporting Health Technology Assessment in British Columbia	\$270,000	2016- 2017	BC Ministry	PI	
Developing provincial strategy for reassessment	\$75,000	2016	BC Ministry	Co-PI	Co-PI: C. Mitton, S. Bryan (grant held at UBC)
West Coast Harkness Policy Forum	\$5,500	2015	Commonwealth Fund	Lead	R. Redberg
Economic Evaluation of point of care testing of troponin for suspected NSTEMI patients	\$35,000	2015	CADTH	PI	
Alberta Values Health	\$4,400	2014	Campus Alberta Health Outcomes and Public Health	Lead	Team members: C. McCabe, P. Fenwick
Optimizing Seniors Surgical Care - The Elder Friendly Surgical Unit	\$750,000	2014- 2017	Alberta Innovates Health Solutions - PHRIS	Co-I	PI: R. Khadaroo, J. Co-I: Holroyd-Leduc, R. Padwal, A. Wagg
Building Capacity and Supporting Health Technology Assessment in Alberta	\$2,853,685	2013- 2018	Alberta Health	PI	Co-I: T. Noseworthy
Economic Evaluation of point of care testing of INR for patients on oral anticoagulant therapy	\$35,000	2013	CADTH	PI	
W21C: Interdisciplinary Research and Innovation for Health System Quality and Safety.	\$4,679,601	2013- 2018	Alberta Innovates Health Solutions – CRIO Team	Co-I	Lead: W. Ghali Co-Lead: T. Stelfox, J. Conly Members: D. Bates, D. Musson, J. Cornuz, R. Tamblyn, A. Forster, B. Baylis, C. Saunders, M. O'Beirne, D. Hogan, D. White, I. Ma, J. Lemaire, J. Caird, P. Sargious, W. Flemons, A. Leung, J. Wallace, M. Weinger, S. Straus, S. Carpendale, T. Wasylak, S. Powelson, K. McLaughlin, N. Marlett, M. Okoniewski, C. Ho, S. Harman, J. Lounsberry, J. de Grood, M. Santana, L. Rabatach, N. Sharma, G. Altabbaa, H. Quan.
A Synthesis of international public drug plan reimbursement decision-making systems: Lessons for Canada	\$100,000	2012- 2013	CIHR – Knowledge synthesis	PI	B. Manns, S. Klarenbach, L, Barnieh, D, Lorenzetti, A. Harris, C. Donaldson, L. Jardine

Title	Amount	Years	Agency	Role	Co-investigators
A cost-effectiveness study of exercise- based Cardiac Rehabilitation	\$100,000	2011- 2013	M.S.I Foundation	PI	B. Manns, W. Ghali, T. Hauer, J. Stone, S. Aggarwal, M. Knudtson, C. Norris
Health Technology Reassessment in Alberta	\$282,000	2011- 2012	Alberta Health	Co-PI	L. Sutherland, T. Noseworthy
A Systematic Review of Drug Use Optimization and Cost-Containment Measures Adopted Within the OECD Nations	\$18,000	2011- 2012	University of Calgary Grant Committee Seed Grant	PI	B. Manns

#### IX. <u>PUBLICATIONS</u> Trainees in bold

Publication Type	Last 5 years (2020-2025)	Career total
First Author	4	19
Trainee First-Authored	16	49
Senior Author	22	70
Co-authored	42	89
Total	67	190

- Rennert-May E, Manns B, <u>Clement F</u>, Spackman E, Collister D, Sumner G, Leal J, Miller RJH, Chew DS. Cost-Effectiveness of Semaglutide in Patients With Obesity and Cardiovascular Disease. Can J Cardiol. 2025 Jan;41(1):128-136.
- Quinn A, Drummond R, Noseworthy T, <u>Clement F</u>, Moss S, Fitzgerald E, Columbus M, Farkas B, Stelfox T. The Role and Influence of Federally Established Health Policy Advisory Bodies in Canada. Healthcare Policy 20(2) February 2025
- Josephson CB, Lethebe BC, Pang E, <u>Clement F</u>, Jetté N, Szostakiwskyj JH, McLeod G, Sinaei F, Delgado-Garcia G, Wiebe S; Calgary Comprehensive Epilepsy Program Collaborators. Level 4 seizure monitoring unit admissions are associated with reduced long-term health care costs. Epilepsia. 2025 Jan;66(1):148-159
- Tadrous M, Wang K, Chaudry S, Chu C, <u>Clement F</u>, Guertin JR, Law MR, Thompson W, Gomes T, Hayes K. Canadian Trends in Estimated Pharmaceutical Drug Purchases and Projections: 2024 and 2025 Canadian Journal of Health Technologies. Vol 4. No. 12 (2024) December
- 5. <u>Clement F</u>, Sutherland JM. Spending on Healthcare: What Is the Right Number? Healthc Policy. 2024 Aug;19(4):6-18.
- Hofmann B, Andersen ER, Brandsæter IØ, <u>Clement F</u>, Elshaug AG, Bryan S, Aslaksen A, Hjørleifsson S, Lauritzen PM, Johansen BK, von Schweder GJ, Nomme F, Kjelle E. Success factors for interventions to reduce low-value imaging. Six crucial lessons learned

from a practical case study in Norway. Curr Probl Diagn Radiol. 2024 Aug 14:S0363-0188(24)00150-6.

- Memedovich KA, Shaheen AA, Swain M, <u>Clement F</u>. Projected Healthcare System Cost Burden of Metabolic Dysfunction-Associated Steatotic Liver Disease in Canada. Gastro Hep Advances. 2024 Volume 3, Issue 7 p965-972.
- 8. Khan M, Memedovich A, Eze N, Asante B, Adhikari K, Dunn R, <u>Clement F</u>. Interactive voice response (IVR) for tobacco cessation: a systematic review. BMJ Open. 2024 Jul 9;14(7):e081972.
- Memedovich A, Asante B, Khan M, Eze N, Holroyd BR, Lang E, Kashuba S, <u>Clement F</u>. A mapping review of interventions to address patients who frequently seek care in the emergency department. BMC Emerg Med. 2024 Mar 27;24(1):49
- 10. Obeid N, Coelho JS, Booij L, Dimitropoulos G, Silva-Roy P, Bartram M, <u>Clement F</u>, de Oliveira C, Katzman DK. Estimating additional health and social costs in eating disorder care for young people during the COVID-19 pandemic: implications for surveillance and system transformation. J Eat Disord. 2024 Apr 26;12(1):52.
- 11. Parsons Leigh J, Moss SJ, Mizen SJ, Sriskandarajah C, FitzGerald EA, Quinn AE, <u>Clement F</u>, Farkas B, Dodds A, Columbus M, Stelfox HT. "We're sinking": a qualitative interview-based study on stakeholder perceptions of structural and process limitations to the Canadian healthcare system. Arch Public Health. 2024 Apr 25;82(1):56
- 12. Memedovich A, Asante B, Khan M, Eze N, Holroyd BR, Lang E, Kashuba S, <u>Clement F.</u> Strategies for improving ED-related outcomes of older adults who seek care in emergency departments: a systematic review. Int J Emerg Med. 2024 Feb 1;17(1):16.
- Santhireswaran A, Chu C, Kim KC, Gaudette É, Burry L, <u>Clement F</u>, Suda K, Tadrous M. Early observations of Tier-3 drug shortages on purchasing trends across Canada: A cross-sectional analysis of 3 case-example drugs. PLoS One. 2023 Dec 21;18(12):e0293497.
- <u>Clement F</u>, Sutherland JM. Federal and Provincial Governments Need To Be Transparent about Trade-Offs When They Buy Healthcare. Healthcare Policy. 2023 Nov;19(2):6-14.
- 15. <u>Clement F</u>, Kirkham J. The value of a model to consider the cost-effectiveness of interventions for the treatment of major depressive disorder in Canada. CMAJ. 2023 Nov 14;195(44):E1518-E1519
- 16. Newton J, Riazi K, Vashist N, Jarvis H, Lang E, <u>Clement F</u>, Beall RF. Solutions for patients visiting the emergency department with non-emergent issues: results from a deliberative public policy analysis process. Intern Emerg Med. 2023 Sep 2. doi: 10.1007/s11739-023-03404-7. Epub ahead of print. PMID: 37658949.

- 17. <u>Clement F</u>. Value-Based Healthcare: Is It Just Another Buzzword? Healthcare Policy 18(4) May 2023 : 18-25
- 18. Oster RT, Roach P, <u>Clement F</u>, Tailfeathers E, Healy B, Meckelborg L, Gladue J, McLane P. Action, Accountability and Transparency for Indigenous Health Systems Safety. Healthcare Papers 21(2) April 2023 : 28-34
- 19. Quinn AE, Drummond R, <u>Clement F</u>, Columbus M, Moss SJ, FitzGerald E, Daya R, Krewulak K, Mastikhina L, Parsons Leigh J, Stelfox HT. A North Star Vision: Results from a Deliberative Dialogue to Identify Policy Strategies to Improve Value in Healthcare. Healthcare Policy 18(4) May 2023 : 120-133.
- 20. Joyce KM, Rioux C, MacKinnon AL, Katz LY, Reynolds K, Kelly LE, Klassen T, Afifi TO, Mushquash AR, <u>Clement FM</u>, Chartier M, Xie EB, Penner KE, Hunter S, Berard L, Tomfohr-Madsen L, Roos LE. The Building Emotional Awareness and Mental health (BEAM) program developed with a community partner for mothers of infants: protocol for a feasibility randomized controlled trial. Pilot Feasibility Stud. 2023 Mar 9;9(1):35.
- 21. McClean AR, Cheng L, Bansback N, <u>Clement F</u>, Tadrous M, Harrison M, Law MR. Uptake and spending on biosimilar infliximab and etanercept after new start and switching policies in Canada: An interrupted time series analysis. Arthritis Care Res (Hoboken). 2023 Feb 8. Epub ahead of print.
- 22. Soklaridis S, Black G, LeBlanc C, MacKinnon KR, Holroyd-Leduc J, <u>Clement F</u>, Schrewe B, Ross HJ, Calleja S, Stergiopoulos V, Taylor VH, Kuper A. Academic Productivity of Equity-Deserving Physician Scholars During COVID-19: A Scoping Review. Acad Med. 2023 Jan 1;98(1):123-135.
- 23. Tadrous M, Graili P, Hayes KN, Neville HL, Houlihan J, <u>Clement F</u>, Guertin JR, Law MR, Gomes T. Canadian Trends in Estimated Pharmaceutical Drug Purchases and Projections: 2023 Canadian Journal of Health Technologies. Vol 2. No. 11 (2022) November
- 24. **Taplin J**, Barnabe C, Blanchard I, Doig CJ, Crowshoe L, <u>Clement F</u>. Health Service Utilization by people experiencing homelessness and engaging with community paramedics: a pre-post study. Canadian Journal of Emergency Medicine. CJEM. 2022 Dec;24(8):885-889.
- 25. Chew D, <u>Clement F.</u> Open Access Budget Impact Assessment Tools: A Welcome Step in Supporting Evidence-Informed Policy Decisions. Can J Cardiol. 2022 Oct;38(10):1485-1487
- 26. Leal J, Farkas B, Mastikhina L, Flanagan J, Skidmore B, Salmon C, Dixit D, Smith S, Tsekrekos S, Lee B, Vayalumkal J, Dunn J, Harrison R, Cordoviz M, Dubois R, Chandran U, <u>Clement F</u>, Bush K, Conly J, Larios. O. Risk of transmission of respiratory viruses during aerosol-generating medical procedures (AGMPs) revisited in the COVID-19 pandemic: a systematic review. Antimicrob Resist Infect Control. 2022 Aug 11;11(1):102.

- 27. Minion JT, Mastikhina L, Dowsett L, Egunsola O, Farkas B, Flanagan J, Hofmeister M, Salmon CNC, Taplin J, <u>Clement F</u>. The lived experience by patients and family members of extracorporeal membrane oxygenation: A qualitative study. Intensive Crit Care Nurs. 2022 Aug 3:103307.
- 28. Ludlow N, de Grood J, Yang C, Murphy S, Berg S, Leischner R, McBrien KA, Santana MJ, Leslie M, <u>Clement F</u>, Cepoiu-Martin M, Ghali WA, McCaughey D. A multi-step approach to developing a health system evaluation framework for community-based health care. BMC Health Services Research. 2022 22:889
- 29. McGrail K, <u>Clement F</u>, Law M. The Value of and Need for Health Services and Policy Research that Focuses on Macro System-Level Challenges. Healthcare Papers. 2022 Apr;20(3):26-32
- 30. Birnie KA, Stinson J, Isaac L, Tyrrell J, Campbell F, Jordan IP, Marianayagam J, Richards D, Rosenbloom BN, <u>Clement F</u>, Hubley P. Mapping the current state of pediatric surgical pain care across Canada and assessing readiness for change.Can J Pain. 2022 Jun 6;6(2):108-120.
- 31. Tricco, A. C., Zarin, W., <u>Clement, F.,</u> Abou-Setta, A. M., Curran, J. A., LeBlanc, A., Li, L. C., Godfrey, C., Moffitt, P., Moher, D., Colquhoun, H., Graham, I. D., Florez, I. D., Wilhelm, L., Isaranuwatchaia, W., Mann, J., Hamilton, M., Srinivasan, V., Bornstein, S., Straus, S. E., & Clendinneng, D. Introducing the Strategy for Patient Oriented Research (SPOR) Evidence Alliance: a partnership between researchers, patients and health system decision-makers to support rapid-learning and responsive health systems in Canada and beyond. (2022). FACETS, 7, 639-653.
- 32. Milaney K, Haines-Saah R, Farkas B, Egunsola O, Mastikhina L, Brown S, Lorenzetti D, Hansen B, McBrien K, Rittenbach K, Hill L, O'Gorman C, Doig C, Cabaj J, Stokvis C, <u>Clement FM</u>. A scoping review of opioid harm reduction interventions for equitydeserving populations. The Lancet Regional Health – Americas. Volume 12, August 2022, 100271
- 33. Kjelle E, Andersen ER, Krokeide AM, Soril LJJ, van Bodegom-Vos L, <u>Clement FM</u>, Hofmann BM. Characterizing and quantifying low-value diagnostic imaging internationally: a scoping review. BMC Med Imaging. 2022 Apr 21;22(1):73. doi: 10.1186/s12880-022-00798-2. PMID: 35448987.
- 34. de Grood C, Sypes EE, Niven DJ, <u>Clement FM</u>, FitzGerald EA, Kupsch S, King-Hunter S, Stelfox HT, Parsons Leigh J. Patient and family involvement in Choosing Wisely initiatives: a mixed methods study. BMC Health Services Research. 22, 457 (2022). https://doi.org/10.1186/s12913-022-07861-2
- 35. **Hofmeister M,** Sivakumar A, <u>Clement F</u>, Hayes KN, Law M, Guertin JR, Neville HL, Tadrous M. Trends in Canadian prescription drug purchasing: 2001-2020. J Pharm Policy Pract. 2022 Mar 17;15(1):20

- 36. **Hofmeister M**, Sheldon RS, Spackman E, Raj S, Talajic M, Becker G, Essebag V, Ritchie D, Morillo CA, Krahn A, Safdar S, Maxey C, <u>Clement FM</u>. A Cost-Utility Analysis of the Syncope: Pacing or Recording In ThE Later Years Trial. CJC Open. 2022 Mar 29;4(7):617-624.
- 37. Lunny C, Zarin W, Chaudhry S, Thomas S, LeBlanc A, Desroches S, Horsley T, Colquhoun H, Sanon PN, Downey M, Goodarzi Z, Baxter N, English K, PausJenssen E, McQuitty S, Wilhelm L, McKinnon A, Hoens A, Li L, <u>Clement F</u>, Curran J, Abou-Setta A, Godfrey C, Moher D, Moffitt P, Walker J, Jull J, Koehn C, Isaranuwatchai W, Straus SE, Tricco A. An inclusive and diverse governance structure of the strategy for patient-oriented research (SPOR) Evidence Alliance. 2022. FACETS. 7: 435-447. https://doi.org/10.1139/facets-2021-0129
- 38. Zarin W, Lunny C, Chaudhry S, Thomas SM, LeBlanc A, <u>Clement FM</u>, Abou-Setta AM, Curran JA, Hutton B, Florez ID, Li L, Bornstein S, Hamilton CB, Moffitt P, Godfrey C, Zitzelsberger L, Gardiner L, Fahim C, Straus SE, Tricco AC. A Canadian model for providing high-quality, timely and relevant evidence to meet health system decision-maker needs: the SPOR Evidence Alliance. 2022 FACETS. 7: 420-434.
- 39. **Hofmeister M**, <u>Clement F</u>. Increasing the impact of budget impact analysis: incorporating uncertainty for decision-makers in small markets. Int J Technol Assess Health Care. 2022 Jan 26;38(1):e15. doi: 10.1017/S0266462321001707.
- 40. Soril, L., Noseworthy, T., Townsend, D., Bagshaw, S., Stelfox, H., Zygun, D., <u>Clement</u>, <u>F</u>. Optimizing red blood cell transfusion practices in the intensive care unit: A multiphased health technology reassessment. International Journal of Technology Assessment in Health Care, 2022. 38(1), E10. doi:10.1017/S0266462321001653
- 41. **Soril LJJ**, Elshaug AG, Esmail R, Chalkidou K, Gad M, <u>Clement FM</u>. Developing a Howto-Guide for Health Technology Reassessment: "The HTR Playbook". Int J Health Policy Manag. Nov 2022. Vol 11 (11) 2525-2532.
- 42. Minion, J., Egunsola, O., Mastikhina, L., Farkas, B., Hofmeister, M., Flanagan, J., Salmon, C., & <u>Clement, F</u>. (2021). PICO Portal (product review). Journal of the Canadian Health Libraries Association / Journal De l'Association Des bibliothèques De La Santé Du Canada, 42(3). <u>https://doi.org/10.29173/jchla29590</u>
- 43. Tadrous M, Shakeri A, Hayes KN, Neville HL, Houlihan J, <u>Clement F</u>, Guertin JR, Law MR, Gomes T. Canadian Trends and Projections in Prescription Drug Purchases: 2001–2023. Canadian Journal of Health Technologies. Vol 1. No. 11 (2021) November.
- 44. Egunsola O, Li J, Mastikhina L, Akeju O, Dowsett L, <u>Clement FM</u>. A Qualitative Systematic Review of Facilitators of and Barriers to Community Pharmacists–Led Anticoagulation Management Service. Annals of Pharmacotherapy. 2021: 1-12.

- 45. **Boucher PE**, **Taplin J**, <u>Clement F</u>. The cost of the Acute Respiratory Distress Syndrome: A systematic review. Chest. 2021 Aug 31:S0012-3692(21)03829-0
- 46. Congly SE, Varughese R, Brown C, <u>Clement FM</u>, Saxinger L. Treatment of moderate to severe respiratory COVID-19: a cost-utility analysis. Scientific Reports volume 11, Article number: 17787 (2021)
- 47. Hofmeister M, <u>Clement F</u>, Patten S, Li J, Dowsett LE, Farkas B, Mastikhina L, Egunsola O, Diaz R, Cooke NCA, Taylor VH. The Effect of Interventions Targeting Gut Microbiota on Depressive Symptoms: A Systematic Review and Meta-analysis. CMAJ Open 2021 Dec 21: 9(4): E1195-E1204.
- 48. Ogundeji Y, <u>Clement F</u>, Wellstead D, Farkas B, Manns B. Primary care physicians' perceptions of the role of alternative payment models in recruitment and retention in rural Alberta: a qualitative study. CMAJ Open. 2021 Jul 20;9(3):E788-E794.
- 49. **Esmail R**, Hanson H, Holroyd-Leduc J, Niven D, <u>Clement F</u>. Is there a Knowledge Translation Theory, Model or Framework Suitable for Health Technology Reassessment? Results from an International Survey. BMJ Open. 2021 Jun 22;11(6):e042251
- McCarron T, <u>Clement F</u>, Rasiah J, Moran C, Moffat K, Gonzalez A, Wasylak T, Santana M. Patients as partners in health research: A scoping review. Health Expectations. 2021. 00:1-13. DOI: 10.1111/hex.13272
- 51. Krüger RL, Clark CM, Dyck AM, Anderson TJ, <u>Clement F</u>, Hanly PJ, Hanson HM, Hill MD, Hogan DB, Holroyd-Leduc J, Longman RS, McDonough M, Pike GB, Rawling JM, Sajobi T, Poulin MJ. The Brain in Motion II Study: Study Protocol for a Randomized Controlled Trial of an Aerobic Exercise Intervention for Older Adults at Increased Risk of Dementia. Trials. 2021 Jun 14;22(1):394.
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- 53. **Esmail R**, <u>Clement F</u>, Holroyd-Leduc J, Niven D, Hanson H. Characteristics of Knowledge Translation Theories, Models and Frameworks for Health Technology Reassessment: Expert Perspectives through a Qualitative Exploration. BMC Health Services Research 2021 Apr 29;21(1):401
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- 55. Hanson, H.M., Léveillé, T., Cole, M., **Soril, L.**, <u>Clement, F</u>., Wagg, A., & Silvius, J. The Effect of a Multi-Method Quality Improvement Intervention on Antipsychotic Medication Use Among Residents of Long-term Care. BMJ Open Quality 2021;10:e001211.
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- 62. **Leggett L**, Hosien S, Lorenzetti D, Noseworthy T, Rose S, <u>Clement FM</u> on behalf of the Health Technology Assessment Unit. A Health Technology Assessment of Corneal Cross-linking. Produced for Alberta Health and Wellness. April 2012.
- 63. Steadman R, **Leggett** L, Lorenzetti D, Noseworthy T, Rose S, Sutherland L, <u>Clement FM</u> on behalf of the Health Technology Assessment Unit. A Health Technology Assessment of Transient Elastography in Liver Disease. Produced for Alberta Health and Wellness. January 2012.
- 64. Leggett, L., Zarrabi, M., Sutherland, L., Noseworthy, T., <u>Clement, F</u> on behalf of the Health Technology Assessment Unit. Health Technology Reassessment and Reinvestment: A Systematic Review of Current Practices. Produced for Alberta Health and Wellness. Sept 2011.
- 65. <u>Clement FM</u>, Lorenzetti D, Cepoui-Martin M, Sutherland L on behalf of the Health Technology Assessment Unit. Treatment of primary and non-cancer related secondary lymphedema: Clinical systematic review and budget impact analysis. Produced for Alberta Health Services. April 2011.

## XI. NON-PEER-REVIEWED WRITING:

- 1. Clement F, Quinn A. Opinion: It's now or never to negotiate a national pharmacare plan. Edmonton Journal. Published Nov 28, 2024.
- 2. Law, M., and Clement, F. (2024). National pharmacare: Laying the groundwork. IRPP Insight No. 51. Montreal: Institute for Research on Public Policy.
- 3. 6 policy briefing notes for Health Canada responding to: (Sept 2020-Dec 2020)
  - How should the national strategy for high cost drugs for rare diseases be designed to best complement/align with national universal pharmacare?
  - What are the implications of the COVID-19 pandemic for the implementation of national pharmacare?
  - Given the COVID-19 impacts, and recognizing the federal commitment to national universal pharmacare, what are the key features of a sensible coverage approach?
  - What evidence is required to support evaluation and re-evaluation of the effectiveness of health technologies once in clinical practice?
  - How can HTA processes and practices become more relevant and useful for decisions makers?
  - What data is needed to successfully monitor improvements in coverage, access, and patient health outcomes and inform appropriate use initiatives?
- 4. Assessing the Options for Pharmacare Reform in Canada: A Primer. Co-written with Michael Law and Thy Dinh. Conference Board of Canada. Released October 2018

- 5. Positioning Alberta as Canada's cannabis leader. Policy Options. Published Aug 31, 2018.
- 6. A review of "A Healthy Society: How a Focus on Health Can Revive Canadian Democracy" by Ryan Meili. Alberta Views. Published Sept. 2018
- 7. Eating weed gummies at work? Marijuana rules may take a decade to sort out. Conversation Canada (theconversation.com). Published Jan 10,2018.
- 8. Alberta's Natural Resource: Pot or Oil? The Globe and Mail. Published Jan 25 2018. 7th trending article of the day.

## XII. INVITED PRESENTATIONS

- 1. Disinvestment necessary, difficult and stuck. Norwegian University of Science and Technology. June 2024. Oslo, Norway.
- 2. Learning from history: Common patterns and drivers of healthcare system reforms across the OECD nations. L'Institut de recherche et documentation en économie de la santé (Irdes). June 2023. Paris, France.
- 3. Anne Crichton Lecture: Value-based health care: just another buzz word? Annual Centre for Health Services and Policy Research. March 2023. Vancouver British Columbia.
- 4. National Pharmacare: Rolling Stone or Mossy Boulder? Annual Centre for Health Services and Policy Research. March 2020. Vancouver British Columbia.
- 5. Health Technology Reassessment and Knowledge Translation. CADTH Annual Symposium. April 2019. Edmonton, Alberta.
- 6. Cannabis: what do we need to think about? FMC Medical Staff Association. March 2019. Calgary, Alberta.
- 7. Reducing low-value care: Can we move the agenda? Annual Centre for Health Services and Policy Research. March 2019. Vancouver British Columbia.
- 8. A conversation about Canada's changing landscape with Cannabis. The St. David's Friendship club for Seniors. March 2019. Calgary Alberta.
- 9. Legalized cannabis: the social experiment unfolding. The Court of Queen's Bench annual retreat. Jan 2019. Calgary Alberta.
- 10. Legalizing cannabis: the social change of our time. Calgary Association of Lifelong Learners. Oct 2018. Calgary Alberta.
- 11. An unexpected opportunity: shaping the Canadian cannabis landscape. University of Calgary Last Lecture Series. Oct 2018. Calgary Alberta.
- 12. Legalizing cannabis: a social change of the times. Cumming School of Medicine House Calls Rural medicine outreach. May 22, 2018. Claresholm Alberta.
- 13. A conversation about Canada's changing landscape with Cannabis. The Canadian Association of Retired Persons Annual General Meeting. May 23, 2018. Calgary Alberta.

- The Current state of Health Technology Reassessment: International perspectives. Health Technology Assessment International [workshop offerings]. June 2, 2018. Vancouver. British Columbia.
- 15. The Health Technology Management Agenda in Canada: Plenary Session. CADTH Annual Symposium. April 16, 2018. Halifax. Nova Scotia.
- 16. Identifying waste in health care systems. Network of Alberta Health Economists (NOAHE). January 12, 2018. Edmonton. Alberta
- 17. Improving the Canadian Healthcare system. Dean's talk University of Calgary. November 15, 2017. Calgary. Alberta
- 18. Marijuana Legalization: current context and what's coming. School of Public Policy Learn and Lunch Series. November 2017. Calgary. Alberta.
- 19. Current State of HTR. CADTH Annual Symposium [Workshop offerings]. April 23, 2017, Ottawa, Ontario.
- 20. Cannabis: Isn't it safe? University of Calgary Continuing Medical Education. April 19, 2017, Calgary, Alberta. Webcast across Alberta to various healthcare professionals.
- 21. Canadian publicly funded prescription drug plans, expenditures and an overview of patient impacts. THETA Collaborative Rounds. January 27, 2017, Toronto, Ontario
- 22. Canadian publicly funded prescription drug plans, expenditures and an overview of patient impacts. C2E2 Rounds. September 12, 2016, Vancouver, BC.
- 23. Canadian Healthcare: What's worth sustaining? O'Brien Institute of Public Health Seminar. Dec 2015. Calgary, Alberta
- 24. Imagining the impossible: redefining Canadian healthcare. CADTH Lecture Series. Oct 2015. Ottawa, Canada. Webcast to 300 attendees.
- 25. Accountable Care Organizations in Alberta. Alberta Medical Association Annual Board Retreat. June 2015. Banff, Alberta.
- 26. Strong leadership in appropriateness. National Heath Leadership Conference. June 2014. Banff, Alberta
- 27. Big Ideas in HTA Plenary Session. Canadian Agency for Drugs and Technologies in Health (CADTH) Symposium. May 2013. Ottawa, Ontario.
- 28. Health Technology Reassessment. Alberta Health Services: Strategic Clinical Networks Educational Retreat. Feb 2012, Sept 2012. Calgary, Alberta.
- 29. Health Technology Reassessment: Promoting Value and Evidence-Based Practice. Preconference workshop at Canadian Agency for Drugs and Technologies in Health (CADTH) Symposium. April 2012. Ottawa, Ontario.
- Introduction to Economic Evaluation and Decision Analysis Modeling. Health Technology Assessment and Innovation group, Alberta Health Services. March 1, 2011. Calgary, Alberta.

## XIII. OTHER ACTIVITIES

- 1. Completed "Black Canadians: History, Presence, and Anti-Racist Futures" training course to develop fundamental understanding of the history of Black people in Canada (Feb 2025)
- 2. Advisor for Health Canada on National Pharmacare initiatives announced in Budget 2019. Includes producing policy 6 briefing notes (Sept-Dec 2020)
- 3. Completed Quality Graduate Supervision Massive Online Open Course (MOOC) (6 sessions March/April 2020)
- 4. Completed Indigenous Canada, OCAP and SAN'YAS training to develop fundamental indigenous cultural sensitivity skills. (December 2018 March 2020)
- 5. Completed 4-day intensive Instructional Skills Workshop. This course is designed to enhance the instructional ability of faculty members, aid in their course design and support innovative course delivery. (April 2017)
- 6. Selected to participate in the Provincial Precision Health Working Group and the Cumming School of Medicine Precision Health working group. These groups are tasked with developing a provincial and School specific strategy to advance precision health in Alberta. Co-Chair of the HTA and lifecycle management working group. (Sept 2016 2019)
- 7. Launched an editorial fellowship for graduate students in the Dept. of Community Health Sciences. The fellowship exposes students to the editorial process of a major high-impact journal (JAMA Internal Medicine) and builds skills for the students about the publishing process, editorial review and writing (intakes 4 students/year; 2016-2018)
- 8. Successfully completed Cumming School of Medicine Leadership training. This 6-day leadership course is offered over 6 months and includes a cap-stone project. The participants are selected by the School leadership. University of Calgary (2017).
- 9. Successfully completed a 6-week course "Personal Effectiveness in the Academy". University of Calgary (2015).
- 10. Initiated and contributed to healthcare policy blog (www.harknessonthewestcoast.org)
- 11. Developed and secured funding to host 4 policy roundtables for the Harkness fellows. These events were opportunities for enhanced US healthcare policy exposure, engaged networking across fellow-mentor dyads and collaboration between fellows to produce a written deliverable. Topics included Affordable Care Act, Accountable Care Organizations, High-performing medical practices and Patient engagement within healthcare systems. (2015)
- 12. Successfully completed a 6-week course "Achieving Impact with Research Findings in US Healthcare Policy". (2015)
- 13. Journal peer-review: JAMA Internal Medicine, Stroke, Applied Health Economics and Policy Research, Health Economics, Journal of General Internal Medicine, Canadian Medical Association Journal, Journal of the American Medical Association, BMJ Quality and Safety
- 14. Editorial roles:
  - Healthcare Policy editor (2020-present)

- JAMA Internal Medicine section editor (2015-2023)
- PLOS ONE Academic editor (2014-2015)

15. Review Panels:

- CIHR Health Systems Impact Embedded Scholars review panel, Scientific Officer (Sept 2023)
- Royal Society of Canada, New College of Scholars Selection Committee (April 2023, 2024)
- CIHR Transforming Health with Integrated Care (February 2023)
- CIHR Transitions of Care operating grants, Scientific Officer (May 2022)
- New Frontiers in Research Fund Transformation Letter of Intent stage (April 2022)
- CIHR Health Systems Impact Fellowship PhD and Post-Doctoral Fellow competition, Scientific Officer (May 2021, 2023, 2024)
- CIHR COVID-19 Rapid Funding competition (May 2020)
- CIHR Health Systems Impact Fellowship review panel (PhD programme) (2019)
- CIHR Foundation review panel (stage 1 and 2) (2017-2019)
- Cancer Care Ontario Health Services Research Grant Review Panel (2018)
- Alberta Innovates Health Solutions Graduate Studentship Review Panel (2016-2018)
- Canadian Association of Health Services and Policy Research Scientific Abstract Review Committee (2014-2018)
- Michael Smith Foundation for Health Research Training Fellowship Panel (2016, 2019, 2020, 2022)
- Canadian Institutes for Health Research Knowledge Synthesis Grant Review Panel (2013-2016)
- Department of Community Health Sciences Graduate Student Admission Panel (2013-2015)
- Alberta Innovates Health Solutions Summer Studentship Review Panel (2013-2015)
- Health Technology Assessment International Scientific Abstract Review Committee (2014, 2018)

16. Committees:

- Presidential Task Force EDIA Working Group on Research and Scholarship (Jan 2024 ongoing)
- Cumming School of Medicine Awards Committee, Co-Chair (2017 2022), Chair (2023-ongoing)
- University Research and Teaching Awards EDI working group (2021 2023)
- Cumming School of Medicine Criteria for Tenure and Promotion Working group (2020-2022)
- Cumming School of Medicine Tenure and Promotions Committee (2018-2020, 2024-2026)
- Academic recruitment committee, Faculty of Nursing (2018-2019)
- International Steering Scientific Planning Committee for Health Technology Assessment International Annual Symposium (2018 meeting)

- Physician Resource Planning Committee, Technical Working Group. Advisory committee to the Steering Committee to plan the number, types and locations of new physician recruits in the province. (May 2017-2020)
- Alberta Blue Cross Expert Committee on Drug Evaluation and Therapeutics. Advisory committee to the Alberta Blue Cross to support evidence-informed formulary and cost-containment drug policy, Vice-Chair (Sept 2016-2020), Chair (2020-2023)
- Alberta Advisory Committee on Technology in Health. Advisory committee to the Minister of Health to support evidence-informed funding decisions for non-drugs technologies. (2012-ongoing)
- Search and Selection committee for Assistant Professor in Healthcare Policy, Community Health Sciences (2016)
- Search and Selection committee for Assistant Professor in the School of Public Policy (2016)
- Search and Selection committee for Department Head of Community Health Sciences (2014)
- Search and Selection committee for Assistant Professor in Health Economics, Community Health Sciences (2014)