

David J.T. Campbell MD, PhD, MSc, FRCPC

I. Biographical Data

Address: Teaching, Research & Wellness Building, Room 3E33
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Current Rank: Assistant Professor
Departments of Medicine, Community Health Sciences & Cardiac Sciences
Cumming School of Medicine, University of Calgary

Languages: English (Native), French (Conversational), Haitian-Creole (Fluent)

II. Academic Record

A. Academic Appointments

Jul. 2019 – Jun. 2023 *Assistant Professor, Cumming School of Medicine*
Departments of: Medicine, Community Health Sciences, Cardiac Sciences
O'Brien Institute of Public Health, Libin Cardiovascular Institute of Alberta
University of Calgary: Calgary, AB

B. Formal Education

Mar. 2018 – Jul. 2019 *Post-Doctoral Fellowship*
Urban Health and Diabetes
Centre for Urban Health Solutions (St. Michael's Hospital): Toronto, ON
Supervisors: Dr. Gillian Booth & Dr. Stephen Hwang
Project: Characterizing program models for diabetes control and self-management among those experiencing homelessness

Apr. 2017 – Apr. 2019 *Clinical Fellowship*
Endocrinology and Metabolism
University of Calgary: Calgary, AB

July 2013 – Apr. 2017 *Residency Training*
Internal Medicine (Core Program)
University of Calgary: Calgary, AB

Sept. 2012 – Apr. 2017 *Doctor of Philosophy*
Community Health Sciences (Health Services Research)
University of Calgary: Calgary, AB
Supervisors: Dr. Braden Manns & Dr. Kathryn King-Shier
Thesis: Assessing the Impact of Financial Barriers on Care and Outcomes for Patients with Cardiovascular-Related Chronic Diseases

Aug. 2009 - Aug. 2012 *Doctor of Medicine*

University of Calgary: Calgary, AB

Sep. 2008 - Aug. 2009 *Master of Science (by Research)*

Anthropology of Health and Illness

University of Edinburgh: Edinburgh, Scotland

Supervisor: Prof. Ian Harper

Dissertation: Ethnographic investigation of Community-Based Medicine and cultural competency in Little Haiti, Miami

Sep. 2002 – Apr. 2008 *Bachelor of Science*

Major: Kinesiology (General)

Minor: Cultural and Social Anthropology

McGill University: Montreal, QC

C. Non-Degree Programs

- Aug 2019 Indigenous Cultural Safety Training
San'yas/Provincial Health Services Authority, Vancouver, BC (online)
- Nov 2017 Thyroid Ultrasonography Course
Canadian Society of Endocrinology & Metabolism, Edmonton, AB
- June 2017 Chronic Care Professional Health Coach
Health Sciences Institute, St. Petersburg, FL (online)
- July 2014 Bedside Ultrasound Training Program
University of Calgary, Calgary, AB
- June 2013 Mixed Methods in Social Research
Interuniversity Consortium for Political and Social Research, Chapel Hill, NC
- Fall 2012 Systematic Reviews and Meta Analyses
Knowledge Translation Canada, Toronto, ON (online)
- July 2011 Global Health Delivery Intensive Summer Program
Harvard School of Public Health, Boston, MA

III. Publications

A. Submitted Papers

Campbell, D., Lee, R., McBrien, K., Anderson, T., Quan, H., Leung, A., Chen, G., Lu, M., Naugler, C., Butalia, S. (Submitted). Strategies for Enhancing Use of Statins Among Patients at High Cardiovascular Risk: Patient and Primary Care Provider Perspectives on a Facilitated Relay Intervention. *Circulation: Cardiovascular Quality & Outcomes*.

Campbell, D., Campbell, R., Booth, G., Hwang, S., McBrien, K. (Submitted). Innovations in Providing Diabetes Care for Individuals Experiencing Homelessness: An Environmental Scan. *Canadian Medical Association Journal*.

Fletcher, J., Manns, B., Saunders-Smith, T., Hemmelgarn, B., Tonelli, M., Tsuyuki, R., **Campbell, D.** (Submitted). Pharmacist and patient perspectives on recruitment strategies for randomized controlled trials: A qualitative analysis. *Trials*.

B. Published Peer-Reviewed Papers

First author: 20 publications

Senior author: 7 publications

1. Kakumanu, S., Manns, B., Tran, S., Saunders-Smith, T., Hemmelgarn, B., Tonelli, M., Tsuyuki, R., Ivers, N., Southern, D., Bakal, J., **Campbell, D.** (In press). Cost analysis and efficacy of recruitment strategies used in a large pragmatic community-based clinical trial targeting low-income seniors: A comparative descriptive analysis. *Trials*.
2. **Campbell, D.**, Campbell, R., Ziegler, C., McBrien K., Hwang, S., Booth, G. (2019). Interventions for improved diabetes control and self-management among those experiencing homelessness: A scoping review protocol. *Systematic Reviews*. 8(100).
3. Kulhawy-Wibe, S., King-Shier, K., Barnabe, C., Manns, B., Hemmelgarn, B., **Campbell, D.** (2018). Exploring Structural Barriers to Diabetes Self-Management in Alberta First Nations Communities. *Diabetology & Metabolic Syndrome*. 10(87).
4. Feng, X., Manns, B., **Campbell, D.** (2018). Affordability of Medications for Canadian Patients with Diabetes & What Providers Can Do About It. *Diabetes Communicator*. 2018: 12
5. Sherifali, D., Rabi, D., McDonald, C., Butalia, S., **Campbell, D.**, Hunt, D., Leung, A., Mahon, J., McBrien, K., Palda, V., Banfield, L., Sanger, S., Houlden, R. (2018). Methods: Diabetes Canada 2018 Clinical Practice Guidelines. *Canadian Journal of Diabetes*. 42(s1): s6-s9.
6. **Campbell, D.**, Soril, L., Manns, B., Clement, F. (2017). Differences in Canadian public medication insurance plans and the impact on out-of-pocket costs. *CMAJ Open*, 5(4): e808-813
7. **Campbell, D.**, King-Shier, K., Edwards, A., Manns, B. (2017). Access and Financial Barriers to Care for Persons with Diabetes Within Publicly Funded Healthcare Systems. *Diabetes Voice*, 63(2): 24-26.
8. **Campbell, D.**, Manns, B., Weaver, R., Hemmelgarn, B., King-Shier, K., Sanmartin, C. (2017). The association between financial barriers and adverse clinical outcomes among patients with cardiovascular-related chronic diseases: A cohort study. *BMC Medicine*, 15(33): 1-13.
9. **Campbell, D.**, Tam-Tham, H., Dhaliwal, K., Manns, B., Hemmelgarn, B., Sanmartin, C., King-Shier, K. (2017). Use of Mixed Methods Research in Coronary Artery Disease Research: A Scoping Review. *Circulation: Cardiovascular Quality and Outcomes*. 10(1).
10. **Campbell, D.**, Manns, B., Hemmelgarn, B., Sanmartin, C., Edwards, A., King-Shier, K. (2017). Understanding Financial Barriers to Care for Patients with Diabetes: An Exploratory Qualitative Study. *The Diabetes Educator*, 43(1): 78-86.
11. Lang, M., Giese-Davis, J., Patten, S., **Campbell, D.** (2017). Does Age Matter? Comparing Post-Treatment Psychosocial Outcomes in Young Adult and Older Adult Cancer Survivors. *Psycho-Oncology*. Epub ahead of print.
12. Dhaliwal, K., King-Shier, K., Manns, B., Hemmelgarn, B., Stone, J., **Campbell, D.** (2017). Exploring the Impact of Financial Barriers to Care for Patients with Coronary Artery Disease: A Qualitative Descriptive Study. *BMC Cardiovascular Disorders*, 17(61): 1-8.
13. Rashidi, B., Kobweka, D., **Campbell, D.**, Forster, A., Ronksley, P. (2017). Clinical factors contributing to high cost hospitalizations in a Canadian tertiary care centre. *BMC Health Services Research*. 2017(17): 777

14. McBrien, K., Naugler, C., Ivers, N., Weaver, R., **Campbell, D.**, Deveaux, L. et al. (2017). Barriers to care in patients with diabetes and poor glycemic control – a cross-sectional survey. *PLOS One*. 12(5).
15. Tam-Tham, H., **Campbell, D.**, Hemmelgarn, B. (2017). Digging Deeper: Hidden Messages Beyond the Overall Prevalence of Diabetic Kidney Disease. *American Journal of Kidney Disease*.69(4): 495-497.
16. Campkin, L., Boyd, J., **Campbell, D.** (2017). Coronary Artery Disease Patient Perspectives on Exercise Participation. *Journal of Cardiopulmonary Rehabilitation*. 37(5): 305-314.
17. Ganesh, A., King-Shier, K., Manns, B., Hill, M., **Campbell, D.** (2017). Money is Brain: Financial Barriers and Consequences for Canadian Stroke Patients. *Canadian Journal of Neurological Sciences*. 44(2): 146-151.
18. **Campbell, D.**, Manns, B., Leblanc, P., Hemmelgarn, B., Sanmartin, C., King-Shier, K. (2016). Finding resiliency in the face of financial barriers: Development of a conceptual framework for people with cardiovascular-related chronic disease. *Medicine*, 95(49): 1-8.
19. **Campbell, D.**, Tonelli, M., Hemmelgarn, B., Mitchell, C., Tsuyuki, R., Ivers, N., et al. (2016). Assessing outcomes of enhanced Chronic disease Care through patient Education and a value-based formulary Study (ACCESS) – study protocol for a 2x2 factorial randomized trial. *Implementation Science*, 11(131).
20. **Campbell, D.**, Soril, L., Clement, F. (2016). The impact of cost-sharing mechanisms on patient-borne medication costs. *JAMA Internal Medicine*, 176(11), 1-3.
21. **Campbell, D.**, Manns, B., Hemmelgarn, B., Sanmartin, C., King-Shier, K. (2016). The Development of a Conceptual Framework for Understanding Financial Barriers to Care for Patients with Cardiovascular-Related Chronic Disease: A Protocol for a Grounded Theory (Qualitative) Study. *CMAJ Open*, 4(2), E304-308.
22. Rash, J., **Campbell, D.**, Tonelli, M., Campbell, T. (2016). A systematic review and meta-analysis of interventions to improve adherence to statin medication: How much do we really know about what works? *Preventive Medicine*. 90. 155-169.
23. Rash, J., Lavoie, K., Sigal, R., **Campbell, D.**, Manns, B., Tonelli, M., Campbell, T. (2016). The OPTIMIZE trial: Rationale and design of a randomized controlled trial of motivational enhancement therapy to improve adherence to statin medication. *Contemporary Clinical Trials*. 49 (2016): 47-56.
24. Hennessy, D., Sanmartin, C., Ronksley, P., Weaver, R., **Campbell, D.** et al. (2016). Out of pocket expenditures for prescription medications and cost-related non-adherence among Canadians with chronic disease. *Health Reports*. 27(6). 3-8.
25. Tam-Tham, H., Hemmelgarn, B., **Campbell, D.**, Thomas, C., Fruetel, K., Quinn, R., King-Shier, K. (2016). Primary Care Physicians' Perceived Barriers and Facilitators to Conservative Care for Older Adults with Chronic Kidney Disease: Design of a Mixed Methods Study. *Canadian Journal of Kidney Health and Disease*. 3(17), 1-7.
26. Tam-Tham, H., Hemmelgarn, B., **Campbell, D.**, Thomas, C., Fruetel, K., Quinn, R., King-Shier, K. (2016). Primary Care Physicians' Perceived Barriers, Facilitators, and Strategies to Enhance Conservative Care for Older Adults with Chronic Kidney Disease: A Qualitative Descriptive Study. *Nephrology Dialysis Transplantation*. 31(11): 1864-1870.
27. McBrien, K., Manns, B., Hemmelgarn, B., Weaver, R., Edwards, A., Ivers, N., Rabi, D., Lewanczuk, R., Braun, T., Naugler, C., **Campbell, D.**, et al. (2016). The association between sociodemographic and

clinical characteristics and poor glycemic control: a longitudinal cohort study. *Diabetic Medicine*. 33(11): 1499-1507.

28. **Campbell, D.**, Gibson, K., O'Neill, B., Thurston, W. (2015). Primary Healthcare Needs and Barriers to Care Among Calgary's Homeless Populations. *BMC Family Practice*, 16(139), 1-10.
29. **Campbell, D.**, Lacny, S., Weaver, R., Manns, B., Tonelli, M., Barnabe, C., Hemmelgarn, B. (2014). Age modification of diabetes-related hospitalization among First Nations patients. *Diabetology and Metabolic Syndrome*, 6(108), 1-5.
30. **Campbell, D.**, King-Shier, K., Hemmelgarn, B., Sanmartin, C., Ronksley, P., Weaver, R., Tonelli, M., Hennessy, D., Manns, B. (2014). The association between financial barriers and care and outcomes for patients with chronic disease. *Health Reports*, 25(5), 3-10.
31. **Campbell, D.**, Ronksley, P., Manns, B., Tonelli, M., Sanmartin, C., Weaver, R., Hennessy, D., King-Shier, K., Campbell, T., Hemmelgarn, B. (2014). The association of income with health behavior change and disease monitoring among patients with chronic disease. *PLOS One*, 9(4), e94007, 1-8.
32. Tang, K., Barnieh, L., Mann, B., Clement, F., **Campbell, D.**, Hemmelgarn, B., Manns, B. (2014). A systematic review of value-based insurance design in chronic diseases. *American Journal of Managed Care*.20(6), e229-241.
33. Ronksley P., Sanmartin, C., **Campbell, D.**, Weaver, R., Allan, M., McBrien, K., Tonelli, M., Manns, B., Hennessy, D., Hemmelgarn, B. (2014) Perceived General Barriers to Primary Care among western Canadians with chronic Disease. *Health Reports*, 25(4). PMID: 24744042
34. Mann, B., Barnieh, L., Tang, K., **Campbell, D.**, Clement, F. Manns, B. (2014) Association between Drug Insurance Cost Sharing Strategies and Outcomes in Patients with Chronic Diseases: A Systematic Review. *PLoS ONE*, 9(3). doi: 10.1371/journal.pone.0089168. PMID: 24667163
35. Weaver, R., Manns, B., Tonelli, M., Sanmartin, C., **Campbell, D.**, Ronksley, P. et al. (2014). Access to primary care and other health care use among Western Canadians with chronic conditions: a population-based survey. *CMAJ Open*, 2. doi: 10.9778/cmajo.20130045. PMID: 25077122
36. **Campbell, D.**, Gibson, K., O'Neill, B., Thurston, W. (2013). The Role of a Student-Run Clinic in Providing Primary Care for Calgary's Homeless Populations: A Qualitative Study. *BMC Health Services Research*, 13(277), 1-6.
37. **Campbell, D.**, Sargious, P., Lewanczuk, R., McBrien, K., Tonelli, M., Hemmelgarn, B., Manns, B. (2013). The use of chronic disease management programs for diabetes by Alberta's Primary Care Networks. *Canadian Family Physician*, 59(2), E86-E92
38. Ganesh, A., **Campbell, D.**, Hurley, J., Patten, S. (2013). High Positive Psychiatric Screening Rates in an Urban Homeless Population. *Canadian Journal of Psychiatry*, 58(6), 353-360
39. **Campbell, D.**, Ronksley, P., Barnabe, C., Tonelli, M., Hemmelgarn, B., Manns, B. (2012). The Association of Enrolment in Primary Care Networks on Diabetes Care and Outcomes in Low Income and First Nations Albertans. *Open Medicine*, 6(4), E155-E165.
40. **Campbell, D.**, Coll, N., Thurston, W. (2012). Considerations for the provision of prosthetic services in post-disaster contexts: The Haiti Amputee Coalition. *Disability and Society*. 27(5), 647-661.
41. **Campbell, D.** (2012). Cultural Competency in Haitian-Serving Community Health Centers in South Florida. *McGill Journal of Medicine*, 14(1), 40-48.

42. Manns, B., Tonelli, M., Zhang, J., **Campbell, D.**, Sargious, P., Ayyalasomayajula, B., et al. (2012). Enrolment in primary care networks: impact on outcomes and processes of care in patients with diabetes. *Canadian Medical Association Journal*, 184, E144-E152
43. **Campbell, D.** (2011). Anthropology's Contribution to Public Health Policy Development. *McGill Journal of Medicine*, 13(1), 76-83.

C. Reports

- Clement, F., Spackman, E., Soril, L., **Campbell, D.**, Manns, B. (2016). *Summary of Alberta Provincial Drug Plan Roundtable*. Calgary, AB: University of Calgary for Alberta Health
- Clement, F., Soril, L., Emery, H., **Campbell, D.**, Manns, B. (2016). *Canadian Publicly Funded Prescription Drug Plans, Expenditures and an Overview of Patient Impact*. Calgary, AB: University of Calgary for Alberta Health
- Manns, B., Tonelli, M., Kozinski, A., Zhang, J., **Campbell, D.**, Johnson, J., et al. (2011). Improving the Care of Patients with Diabetes Within Primary Care Networks. *Alberta Innovates - Health Solutions: Knowledge Translation Casebook*, 2, 27-33.
- Manns, B., Tonelli, M., **Campbell, D.**, Zhang, J., Johnson, J., Sargious, P., et al. (2011). *The Impact of Primary Care Networks on the Care and Outcomes of Patients with Diabetes*. Calgary, AB: Interdisciplinary Chronic Disease Collaboration for Alberta Health Services.
- Campbell, D.**, Gibson, K., & Thurston, W. (2011). *A Healthcare Needs Assessment for Calgary's Homeless Populations and the Role of a Student-Run Medical Clinic*. Calgary, AB: University of Calgary for the Bridges Student Run Clinic.
- Campbell, D.**, & Thurston, W. (2010). *Evaluation of a New Prosthetics Provision Service in Rural Haiti: The Haiti Amputee Coalition*. Calgary, AB: University of Calgary for Hanger Prosthetics and Hôpital Albert Schweitzer.

IV. Funding, Awards & Distinctions

A. Peer-Reviewed Funding

2019 – Project Grant 1 year (July 2019-June 2020) Diabetes Action Canada Braden O'Neill (PI): Diabetes care among people with schizophrenia	\$15,000
2019 - Partnership for Research and Innovation in the Health System (Co-Investigator) 3 year (July 1, 2019 – June 30, 2022) Alberta Innovates Kerry McBrien (PI): ENCOMPASS: ENhancing COMmunity health through Patient navigation, Advocacy and Social Support –Program Expansion	\$1,491,078
2018 – Start-up Project Funds (Principal Investigator) Cal Wenzel Cardiometabolic Research Program Understanding the experience of individuals living with diabetes who are experiencing homelessness	\$35,000
2018 – Innovative Clinical Trials Project Award (Co-Investigator)	\$1,497,736

<p>3 year (April 1, 2018 – March 31, 2022) Canadian Institutes of Health Research Kerry McBrien (PI): ENCOMPASS: ENhancing COMmunity health through Patient navigation, Advocacy and Social Support</p>	
<p>2018 – Partner Funding: Operating Grant: SPOR Innovative Clinical (Co-Investigator) 3 year (July 1, 2018 – June 30, 2021) Alberta-Innovates ENCOMPASS: ENhancing COMmunity health through Patient navigation, Advocacy and Social Support</p>	\$738,711
<p>2017 –Catalyst Grant (Principal Investigator) O'Brien Institute for Public Health Program for Research with Vulnerable Populations Characterizing program models for diabetes control and self-management among those experiencing homelessness</p>	\$13,500
<p>2016 – UofC/AHS Clinical Research Fund (Co-Investigator) Cumming School of Medicine, University of Calgary Braden Manns (PI): Assessing outcomes of enhanced Chronic disease Care through patient Education and a value-baSed formulary (ACCESS) study</p>	\$300,000
<p>2016 – Operating Grant (Co-Investigator) 3 year (Feb. 1, 2016 – Jan. 31, 2019) Canadian Diabetes Association Kerry McBrien (PI): Survey on the barriers and facilitators to care in patients with poorly controlled diabetes.</p>	\$274,338
<p>2012 – Clinician Fellowship (Applicant) Alberta-Innovates Health-Solutions The Clinician Fellowship provides opportunities for individuals with clinical credentials to undertake postgraduate research in a health professional or health-related program.</p>	\$245,000
<p>2011 – Student-Initiated Project Grant Winner (Principal Investigator) Arnold P. Gold Foundation Given to fund research “related to the practice of humanistic medicine which can be self-sustained and replicated”. Awarded for community health assessment in Petit Montagne, Haiti.</p>	\$10,000

B. Major Awards

- 2017 – Governor General Gold Medal (PhD Level)
 Governor General of Canada/University of Calgary
 Awarded to the top graduating PhD student at the University of Calgary. The Governor General's Academic Medal was first awarded in 1873 by the Earl of Dufferin, and has since become one of the most prestigious awards that a student in a Canadian educational institution may receive.
- 2017 – Resident Research Award
 CIHR/Canadian Society of Clinical Investigation
 Awarded to one resident physician from each Canadian medical school for their exceptional research contributions during a residency program.
- 2017 – Rising Star Award

CIHR/Institute for Health Services and Policy Research

Awarded to three young Canadian investigators in Health Services and Policy Research each year based on achieving a high impact first author publication and overall research productivity.

2016 – Most Outstanding Senior Medicine Resident Award

Rockyview General Hospital, University of Calgary

Awarded by staff physicians annually to the senior internal medicine who demonstrated excellence in teaching and clinical service at Rockyview General Hospital.

2014 – Resident Research Award

University of Calgary, Department of Medicine

Awarded to the internal medicine resident with the most impressive research track record over the previous year, as voted upon by fellow residents and faculty supervisors.

2012 – Future Alumni Award (ARCH Awards)

University of Calgary Alumni Association

Award presented annually to one current University of Calgary student “who demonstrates great potential for outstanding achievements in their career or contributions to their community”.

2012 – Lydia Sikora Memorial Award Winner

University of Calgary Faculty of Medicine

A University of Calgary Faculty of Medicine award for one medical student who shows excellence and dedication to research pursuits.

2012 – Student Award in Social Accountability

University of Calgary Faculty of Medicine

Awarded for mental health screening project among Calgary’s homeless

“Recognizes a student or student group in the Faculty of Medicine at the University of Calgary whose work within the Faculty and/or the community has contributed to one or more of the priority health needs of Albertans”

2011 – Award for Young Leaders (student category)

Canadian Medical Association

Award granted to one Canadian medical student each year who has “has demonstrated exemplary dedication, commitment and leadership in one of the following domains: political, clinical, education, research and or community service”. Awarded for activities in both research and community service.

2009 – Peter Wright Graduate Award

Canadian Scholarship Trust Fund

Awarded to 10 students annually who have completed undergraduate degree programs and were supported through the Canadian Scholarship Trust Fund. Awards are “based on academic excellence in their undergraduate programs and their extracurricular achievements and contributions to the community.”

2007 – Academic All-Canadian (Football)

Canadian Interuniversity Sport

Awarded to students “having maintained a grade point average (GPA) of 80 percent or better over the academic year while competing for one of their university's varsity teams.”

V. Presentations

A. Invited Addresses

Campbell, D. (2017, Nov 1-4). *Financial barriers in patients with diabetes: The role of healthcare providers*. Panel address given at Diabetes Canada/Canadian Society of Endocrinology & Metabolism Annual Conference: Edmonton, AB.

B. International Conferences (Peer-Reviewed)

McBrien, K., Pritchard, C., **Campbell, D.**, Garcia-Jorda, D., MacDonald, S. (2019, Nov 16-20). *Developing a codebook to guide the team based qualitative analysis in the ENCOMPASS study*. Paper to be presented at the North American Primary Care Research Group Annual Meeting, Toronto, ON.

McBrien, K., Pritchard, C., **Campbell, D.**, Garcia-Jorda, D., MacDonald, S. (2019, Nov 16-20). *Patient, Navigator, and provider perspectives on navigating the healthcare system with chronic diseases and social barriers*. Paper to be presented at the North American Primary Care Research Group Annual Meeting, Toronto, ON.

McBrien, K., Pritchard, C., MacDonald, S., Desveaux, L., **Campbell, D.**, Garcia-Jorda, D. (2019, Nov 16-20). *Developing an evidence based Community Health Navigation program with a primary Care Network partner*. Paper to be presented at the North American Primary Care Research Group Annual Meeting, Toronto, ON.

McBrien, K., Fabreau, G., Gleeson, N., **Campbell, D.**, Williamson, T., Ivers, N. (2018, Nov 9-13). *Enhancing Care of Patients with Multiple Chronic Conditions through Navigation by Community Health Workers*. Paper presented at the North American Primary Care Research Group Annual Meeting, Chicago, IL.

Campbell, D., Manns, B., Weaver, R., Hemmelgarn, B., King-Shier, K., Sanmartin, C. (2017, Apr 22-24). *The association between financial barriers and adverse clinical outcomes among patients with cardiovascular-related chronic diseases*. Paper presented at European Atherosclerosis Society Annual Meeting: Prague, Czech Republic.

Ganesh, A., King-Shier, K., Manns, B., Hill, M., **Campbell, D.** (2017, Apr 22-24). *Financial Barriers and Consequences for Canadian Patients with Stroke and Heart Disease*. Paper presented at American Association of Neurology Annual Meeting: Boston, MA.

McBrien, K., Tonelli, M., Ronskley, P., Hemmelgarn, B., Manns, B., Ivers, N., Saad, N., Weaver, R., Edwards, A., Rabi, D., Lewanczuk, R., Braun, T., **Campbell, D.**, Naugler, C. (2016, Nov 12-16). *The association between primary care attachment and poor glycemic control*. Paper presented at North American Primary Care Research Group Annual Meeting: Colorado Springs, CO.

Campbell, D., Manns, B., Leblanc, P., Hemmelgarn, B., Sanmartin, C., King-Shier, K. (2015, Dec 1-4). *Perceived Barriers to Care Among Albertan First Nations Patients with Diabetes*. Paper presented at World Diabetes Congress: Vancouver, BC.

Campbell, D., Boyd, J., Campkin, L. (2015, May 14-16). *Coronary Heart Disease Patient Perspectives on Exercise Participation: A Qualitative Metasynthesis*. Paper presented at EuroPrevent: The European Association for Cardiovascular Prevention and Rehabilitation Annual Meeting: Lisbon, Portugal.

Ganesh A, **Campbell D**, Hurley J, Patten S. (2013, May 18-22). *High Positive Screening Rates in an Urban Homeless Population*. Paper presented at the American Psychiatric Association Annual Conference; San Francisco, CA.

- Campbell D**, Pyda J, Satterfield S, Waters T. (2013, Mar 14-16). *Exploring understandings of cholera in a remote Haitian community*. Paper presented at the Consortium of Universities for Global Health Annual Conference; Washington, DC.
- Pyda J, **Campbell D**, Satterfield S, Waters T. (2013, March 14-16). *Barriers to healthcare service utilization in a remote Haitian community*. Paper presented at the Consortium of Universities for Global Health Annual Conference; Washington, DC.
- Campbell, D.**, Gibson, K., & Thurston, W. (2011, Nov 12-16). *Primary Health Care Needs Assessment for Calgary's Homeless Populations*. Paper presented at the North American Primary Care Research Group Annual Meeting, Banff, AB.
- Gibson, K., **Campbell, D.**, & Thurston, W. (2011, Nov. 12-16). *The University of Calgary Student-run Clinic: It's Role in Providing Healthcare for the Homeless and the Barriers it May Face*. Paper presented at the North American Primary Care Research Group Annual Meeting, Banff, AB.
- Campbell, D.**, Coll, N., & Thurston, W. (2011, Apr 16-17). *Evaluation of a new prosthetics service in rural Haiti: The Haiti Amputee Coalition*. Paper presented at the Unite for Sight Global Health and Innovation Conference, New Haven, CT.
- Campbell, D.**, Gibson, K., & Thurston, W. (2011, Jan 22-23). *Primary healthcare needs assessment for Calgary's homeless population and the role of a student-run medical clinic*. Paper presented at the Society of Student Run Free Clinics Conference, Houston, TX.
- Campbell, D.**, Sargious, P., Lewanczuk, R., McBrien, K., Tonelli, M., Hemmelgarn, B., Manns, B. (2010, Dec 2-5). *The use of chronic disease management programs for diabetes by Alberta's primary care networks*. Paper presented at the American Academy of Family Physicians / Society of Teachers for Family Medicine Conference on Practice Improvement, San Antonio, TX.
- Campbell, D.** (2010, Sept 19-21). *An anthropological inquiry of the importance and operationalization of cultural competency*. Paper presented at the Consortium of Universities for Global Health Annual Conference, Seattle, WA.

C. National Conferences (Peer-Reviewed)

- Campbell, D.**, Campbell, R., McBrien, K., Booth, G., O'Campo, P., Vasa, P., Hwang, S. (2019, Oct 2-5). *Diabetes & Homelessness: A Community-Based Participatory Research Project*. Poster presentation at the Annual Diabetes Canada/Canadian Society of Endocrinology and Metabolism Professional Conference. Winnipeg, MB.
- Campbell, D.**, Campbell, R., Booth, G., Hwang, S., McBrien, K. (2019, Oct 2-5). *Innovations in Providing Diabetes Care for Individuals Experiencing Homelessness: An Environmental Scan*. Poster presentation at the Annual Diabetes Canada/Canadian Society of Endocrinology and Metabolism Professional Conference. Winnipeg, MB.
- Campbell, D.**, Lee, R., McBrien, K., Anderson, T., Quan, H., Leung, A., Chen, G., Lu, M., Naugler, C., Butalia, S. (2019, Oct 2-5). *Patient and Family Physician Perspectives on Facilitated Relay to Enhance Use of Statins*. Poster presentation at the Annual Diabetes Canada/Canadian Society of Endocrinology and Metabolism Professional Conference. Winnipeg, MB.
- Campbell, D.**, Lee, R., McBrien, K., Anderson, T., Quan, H., Leung, A., Chen, G., Lu, M., Naugler, C., Butalia, S. *Exploring patient and family physician perspectives on initiation and adherence to statin therapy*. Poster presentation at the Annual Diabetes Canada/Canadian Society of Endocrinology and Metabolism Professional Conference. Winnipeg, MB

- Campbell, D.**, Campbell, R., Larsen, M., Hwang, S. (2019, Nov 4-6). *Creating together: Designing and conducting a community-based participatory research project*. Paper to be presented at the Canadian Alliance to End Homelessness Annual Meeting: Edmonton, AB.
- Campbell, D.**, Campbell, R., Booth, G., McBrien, K. (2019, Nov 4-6). *Exploring novel ways to overcome challenges of delivering diabetes care to those experiencing homelessness*. Paper to be presented at the Canadian Alliance to End Homelessness Annual Meeting: Edmonton, AB.
- Garcia-Jorda, D., Pritchard, C., MacDonald, C., **Campbell, D.**, Ludlow, N., Fabreau, G., McBrien, K. (2019, Oct 29-30). *The role of Community Health Navigators in adult chronic conditions. How are they helping my patients? A qualitative study*. Paper to be presented at Family Medicine Forum: Vancouver, BC.
- Garcia-Jorda, D., Pritchard, C., MacDonald, C., **Campbell, D.**, Ludlow, N., Fabreau, G., McBrien, K. (2019, Oct 29-30). *The experience of care for patients with chronic conditions participating in a health navigation program: a qualitative inquiry*. Paper to be presented at Family Medicine Forum: Vancouver, BC.
- Pritchard, C., MacDonald, C., Ludlow, N., **Campbell, D.**, Santana, M., Fabreau, G., McBrien, K. (2019, Oct 29-30). *Health navigation for patients with chronic disease: a pilot study*. Paper to be presented at Family Medicine Forum: Vancouver, BC.
- Campbell, D.**, Lee, R., McBrien, K., Leung, A., Anderson, T., Naugler, C., Quan, H., Chen, G., Liu, M., Butalia, S. (2019, May 28-30). *Patient and Primary Care Provider Perspectives on Facilitated Relay to Enhance Use of Statins*. Paper presented at Canadian Association of Health Services and Policy Research Annual Meeting: Halifax, NS.
- Campbell, D.**, Lee, R., McBrien, K., Anderson, T., Quan, H., Liu, M., Leung, A., Chen, G., Naugler, C., Butalia, S. (2019, May 28-30). *Exploring patient and family physician perspectives on initiation and adherence to statin therapy*. Paper presented at Canadian Association of Health Services and Policy Research Annual Meeting: Halifax, NS.
- Fletcher, J., Manns, B., Saunders-Smith, T., Hemmelgarn, B., Tsuyuki, R., Tonelli, C., **Campbell, D.** (2019, May 28-30). *Pharmacist and Patient Perspectives on Recruitment Strategies for Randomized Controlled Trials: A Qualitative Analysis*. Paper presented at Canadian Association of Health Services and Policy Research Annual Meeting: Halifax, NS.
- Kakumanu, S., Tran, S., Saunders-Smith, T., Manns, B., Hemmelgarn, B., Tsuyuki, R., Tonelli, C., Bakal, J., Ivers, N., Southern, D., **Campbell, D.** (2019, May 28-30). *Cost-effectiveness and efficacy of recruitment strategies used in a large pragmatic clinical trial targeting low-income seniors: A comparative descriptive analysis*. Paper presented at Canadian Association of Health Services and Policy Research Annual Meeting: Halifax, NS.
- Campbell, R., McBrien, K., Hwang, S., Booth, G., **Campbell, D.** (2019, May 28-30). *Characterizing program models for diabetes management among those experiencing homelessness*. Paper presented at Canadian Association of Health Services and Policy Research Annual Meeting: Halifax, NS.
- Campbell, D.**, Mladenovic, A., Smith, J., Manns, B., McBrien, K. (2018, Oct 10-13). *Patient-described Factors that Help and Hinder Diabetes Self-Management: Using the Theoretical Domains Framework to Classify Open-Ended Survey Responses*. Paper presented at Diabetes Canada/Canadian Society of Endocrinology & Metabolism Annual Meeting: Halifax, NS.

- Campbell, D.,** Saunders-Smith, T., Manns, B., King-Shier, K. (2018, May 22-24). *Implementation of complex interventions to reduce barriers and improve adherence to self-management of chronic conditions: A qualitative descriptive process evaluation*. Paper presented at the Canadian Association of Health Services and Policy Research Annual Meeting: Montreal, QC.
- Mladenovic, A., Fabreau, G., Clare, R., Brockmann, A., Gleeson, N., **Campbell, D.,** Sakeah, J., Rymkiewicz, P., McBrien, K. (2017, Nov 17-18). *Enhancing Community Health through Patient Navigation, Advocacy and Social Support (ENCOMPASS): a pilot study*. Paper presented at Accelerating Primary Care Conference: Calgary, AB.
- Campbell, D.,** Fabreau, G., Kline, G. (2017, Nov 2-4). *GLP-1 Receptor Agonists: A Novel Therapeutic Option for Refractory Nesidioblastosis*. Case presented at Canadian Society of Endocrinology & Metabolism Annual Meeting: Edmonton, AB.
- Campbell, D.,** Soril, L., Manns, B., Clement, F. (2017, Nov 2-4). *Differences in Canadian Public Medication Insurance Plans and the Impact on Out-of-Pocket Costs*. Paper presented at Diabetes Canada/Canadian Society of Endocrinology & Metabolism Annual Meeting: Edmonton, AB.
- Campbell, D.,** Manns, B., Weaver, R., Hemmelgarn, B., King-Shier, K., Sanmartin, C. (2017, Nov 2-4). *The association between financial barriers and adverse clinical outcomes among patients with cardiovascular-related chronic diseases*. Paper presented at Diabetes Canada/Canadian Society of Endocrinology & Metabolism Annual Meeting: Edmonton, AB.
- Campbell, D.,** Tam-Tham, H., Dhaliwal, K., Manns, B., Hemmelgarn, B., Sanmartin, C., King-Shier, K. (2017, May 24-26). *Use of Mixed Methods in Research on Coronary Artery Disease, Diabetes, and Hypertension: A Scoping Review*. Paper presented at Canadian Association of Health Services and Policy Research Annual Meeting: Toronto, ON.
- Campbell, D.,** Manns, B., Weaver, R., Hemmelgarn, B., King-Shier, K., Sanmartin, C. (2017, May 24-26). *The association between financial barriers and adverse clinical outcomes among patients with cardiovascular-related chronic diseases*. Paper presented at Canadian Association of Health Services and Policy Research Annual Meeting: Toronto, ON.
- McBrien, K., Tonelli, M., Ronskley, P., Hemmelgarn, B., Manns, B., Ivers, N., Saad, N., Weaver, R., Edwards, A., Rabi, D., Lewanczuk, R., Braun, T., **Campbell, D.,** Naugler, C. (2016, Nov 10-12). *The association between primary care attachment and poor glycemic control*. Paper presented at Family Medicine Forum Annual Meeting: Vancouver, BC.
- Zeng, C., **Campbell, D.,** Nicholl, D., Manns, B., Edwards, A., Naugler, C., McBrien, K. (2016, Nov 10-12). *Barriers and facilitators to diabetes care in patients with diabetes – A qualitative study*. Paper presented at the Family Medicine Forum Annual Meeting: Vancouver, BC.
- Campbell, D.,** Manns, B., Weaver, R., Hemmelgarn, B., King-Shier, K., Sanmartin, C. (2016, Nov 4). *The association between financial barriers and adverse clinical outcomes among patients with cardiovascular-related chronic diseases: A cohort study*. Paper presented at the Alberta Health Economics Study Group: Calgary, AB.
- Campbell, D.,** Rash, J., Tonelli, M., Campbell, T. (2016, Oct 27-28). *A systematic review of interventions to improve adherence to statin medication: What do we know about what works?* Paper presented at Canadian Society of Endocrinology and Metabolism Annual Meeting: Ottawa, ON.
- McBrien, K., Zeng, C., Hemmelgarn, B., Ivers, N., Saad, N., Weaver, R., Edwards, A., Nichols, D., **Campbell, D.,** Desveaux, L., Naugler, C., Manns, B. (2016, Oct 26-29). *Barriers and Facilitators to*

Care in Patients with Diabetes – a cross-sectional survey. Paper presented at the Canadian Diabetes Association Annual Meeting: Ottawa, ON.

Campbell, D., Manns, B., Hemmelgarn, B., Sanmartin, C., King-Shier, K. (2016, May 9-11). *Finding resiliency in the face of financial barriers: Development of a conceptual framework for people with chronic disease.* Paper presented at the Canadian Association of Health Services and Policy Research Annual Meeting: Toronto, ON.

Campbell, D., Manns, B., Leblanc, P., Hemmelgarn, B. (2015, Dec 1-4). *Exploring How Financial Barriers to Care Affect Patients with Diabetes.* Paper presented at the Canadian Society of Endocrinology and Metabolism Annual Meeting: Vancouver, BC.

Campbell, D., Ronksley, P., Manns, B., Tonelli, M., Sanmartin, C., Weaver, R., Hennessy, D., King-Shier, K., Campbell, T., Hemmelgarn, B. (2014, Oct 22-25). *The association of income with health behavior change and disease monitoring among patients with chronic disease.* Paper presented at the Canadian Diabetes Association/Canadian Society of Endocrinology and Metabolism Annual Meeting; Winnipeg, MB. doi: 10.1016/j.jcjd.2014.07.059

Campbell, D., Lacny, S., Weaver, R., Manns, B., Tonelli, M., Barnabe, C., Hemmelgarn, B. (2013, Oct 2-5). *The modifying effects of age and multimorbidity on the association between Aboriginal status and diabetic control.* Paper presented at the Canadian Society of Internal Medicine Annual Meeting; Toronto, ON.

Campbell, D., King-Shier, K., Sanmartin, C., Hemmelgarn, B and Manns, B. (2013, May 28-30). *Assessing the Association of Economic Barriers on Care and Outcomes for Patients with Chronic Disease.* Paper presented at the Canadian Association of Health Services and Policy Research Annual Conference; Vancouver, BC.

Lang, M., **Campbell, D.,** Giese-Davis, J. (2013, Apr 24-26). *Using a Publicly Funded Population Level Survey to Explore Psychosocial Outcomes in Cancer Survivors.* Paper presented at the Canadian Association of Psychosocial Oncology Conference; Ottawa, ON.

Ganesh, A., **Campbell, D.,** Hurley, J. (2013, Apr 20-23). *Enhancing Medical Education Through a Drop-in Center Clinic and Screening Project.* Paper presented at the Canadian Conference on Medical Education, Quebec City, QC.

Campbell, D., Ronksley, P., Hemmelgarn, B., & Manns, B. (2011, Oct. 26-29). *The Effect of Primary Care Networks on Diabetes in Alberta's Underserved Populations.* Paper presented at the Canadian Diabetes Association/Canadian Society of Endocrine and Metabolism Professional Conference and Annual Meeting, Toronto, ON.

Campbell, D., Manns, B., Tonelli, M., Zhang, J., McBrien, K., Sargious, P., et al. (2011, Oct. 26-29). *The Impact of Primary Care Networks on the Outcomes of Diabetes in Alberta.* Paper presented at the Canadian Diabetes Association/Canadian Society of Endocrine and Metabolism Professional Conference and Annual Meeting, Toronto, ON.

Campbell, D., Ronksley, P., Hemmelgarn, B., & Manns, B. (2011, Oct 13-16). *The Effect of Primary Care Networks on Diabetes in Alberta's Underserved Populations.* Paper presented at the Canadian Society of Internal Medicine Annual Meeting, Halifax, NS.

Gibson, K., **Campbell, D.,** & Thurston, W. (2011, June 6-7). *Primary health care needs assessment for Calgary's homeless populations and the role of a student-run medical clinic.* Paper presented at the Canadian National Medical Student Research Symposium, Winnipeg, MB.

Dirksen, M., Chan, S., Byrne, R., **Campbell, D.**, Gibson, K., Michaels, D., et al. (2011, Feb 19-20). *Bridges student-run clinic: Providing socially accountable medicine for all*. Paper presented at the Alberta College of Family Physicians Annual Scientific Assembly, Banff, AB.

Rypien, C., O'Neill, B., Byrne, R., **Campbell, D.**, Dirksen, M., Gibson, K., et al. (2010, Oct 14-16). *Starting a student-run medical clinic in Calgary*. Paper presented at the Canadian Family Medicine Forum, Vancouver, BC.

VI. Professional Experience

A. Research Experience

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| 2014-Present | Research Associate
Interdisciplinary Chronic Disease Collaboration, Department of Medicine
Primary proposal author & study coordinator of the ACCESS Trial |
| 2010-2012 | VP Research
University of Calgary Student Run Clinic
First author on several publications studying Calgary's homeless populations |

B. Teaching and Mentorship Experience

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| 2019 | Invited lecture for Graduate course (MDCH 660): Access to healthcare services & Health Services Research. March 13, 2019. |
| 2018 | Invited address for Internal Medicine Residency Annual Retreat: Surviving residency training with a family. February 24, 2018. |
| 2018 | Invited lecture for Graduate course (MDCH 660): Access to healthcare services & Health Services Research. February 14, 2018. |
| 2018 | Invited lecture for Medical School (Course 4): Diabetes & Culture. April 23, 2018. |
| 2016 | Designed and taught in-service for nurses on General Internal Medicine Unit, Foothills Medical Centre: Introduction to adrenal physiology & ACTH stimulation testing protocol |
| 2016 | Internal Medicine Residency Half-Day Problem-Based Learning: Approach to labile blood glucose |
| 2013-2017 | Teaching Assistant for MDCH 660: Foundations of Health Services Research
Graduate level course in Community Health Sciences |
| 2015-Present | Equal Health, Haiti
Instructor and course coordinator of advanced cardiac life support (ACLS) curriculum for teaching at Hôpital Universitaire de Mirebalais, Departement Central, Haiti |
| 2014-Present | Supervised a number of students (medical and graduate) in the preparation and publication of peer-reviewed manuscripts. <ul style="list-style-type: none">• Lisa Campkin, MSc Student• Mike Lang, MSc Student• Stephanie Kulhawy-Wiebe, Medical Student/IM Resident• Kirnvir Dhaliwal, MN Student• Aravind Ganesh, Neurology Resident |

2015-2016 Peer-reviewer for Community Health Sciences students applying for funding through Alberta Innovates-Health Solutions.
All 3 mentees won their awards in 2015.

C. Other Relevant Experience

2017-Present **Committee Member & Working Group Lead**
Guidelines Dissemination and Implementation Committee
Diabetes Canada

2015-Present **Expert Reviewer**
Independent Methods Review Committee
Canadian Diabetes Association – 2018 Clinical Practice Guidelines Committee

2015-Present **Peer-reviewer**
BMJ Open
CMAJ
CMAJ Open
BMC Public Health
Journal for Healthcare of the Poor and Underserved
Circulation: Cardiovascular Quality and Outcomes
Medical Care
Research in Social and Administrative Pharmacy
Cumming School of Medicine Clinical Research Fund
Canadian Association of Health Services and Policy Research
University of Calgary Internal Medicine Resident Research Day
O'Brien Institute for Public Health Internal Peer Review Process

2015-Present **Bedside Physician/Physician Extender**
Department of Cardiac Sciences

2013-Present **Interviewer**
2013 Undergraduate Medical Education
2015 Internal Medicine Residency Program
2017 Endocrinology & Metabolism Fellowship
2018 Endocrinology & Metabolism Fellowship

VII. Professional Designations

2018 **FRCPC:** Fellow of the Royal College of Physicians of Canada

2017 **CCP:** Chronic Care Professional

2014 **LMCC:** Licentiate of the Medical Council of Canada