

Statement of Contributions

Kate Mercer was the sole author for Chapters 1, 2, and 7 which were written under the supervision of Dr. Kelly Grindrod and were not written for publication.

This thesis consists in part of four manuscripts written for publication. Exceptions to sole authorship of material are as follows:

Research presented in Chapters 3 and 4:

Dr. Kelly Grindrod and Dr. Catherine Burns were the primary co-investigators on Canadian Institutes of Health Research (CIHR) and TelusHealth grants which supported conducting this work. Dr. Lisa Guirguis, Dr. Jessie Chin, Dr. Maman Joyce Dogba, Dr. Lisa Dolovich, Dr. Line Guénette, Dr. France Légaré, Dr. Josephine McMurray were co-investigators on the grant and are co-authors on any publications relating to this work.

This research was conducted at the University of Waterloo by Kathryn Mercer under the supervision of Dr. Kelly Grindrod. Dr. Kelly Grindrod, Dr. Catherine Burns, Dr. Lisa Guirguis, Dr. Maman Joyce Dogba, Dr. Lisa Dolovich, Dr. Line Guénette, Dr. France Légaré, Dr. Josephine McMurray, and Kathryn Mercer contributed to study design and participant recruitment. Kathryn Mercer, Khrystine Waked, Jonathan Boersma, Damla Kerestecioglu, and Jessie Chin conducted the one-on-one semi-structured interviews. Kathryn Mercer, Khrystine Waked, and Drs. Kelly Grindrod and Lisa Guirguis were the primary coders, contributing to coding and analysis of all interviews. Catherine Burns, Dr. Jessie Chin, Dr. Maman Joyce Dogba, Dr. Lisa Dolovich, Dr. Line Guénette, Laurie Jenkins, Dr. France Légaré, Annette McKinnon, and Dr. Josephine McMurray participated in coding and analysis. Kathryn Mercer wrote the draft manuscripts, which all co-authors contributed intellectual input on.

Citations:

Chapter 3: Mercer K, Burns C, Guirguis L, Chin J, Dogba MJ, Dolovich L, Guénette L, Jenkins L, Légaré F, McKinnon A, McMurray J, Waked K, Grindrod KA. Exploring the role of teams

and technology in patients' medication decision making. J Am Pharm Assoc. February 2019.
doi:10.1016/J.JAPH.2018.12.010

Chapter 4: Mercer K, Burns C, Guirguis L, Chin J, Dogba MJ, Dolovich L, Guénette L, Jenkins L, Légaré F, McKinnon A, McMurray J, Waked K, Grindrod KA. Physician and Pharmacist Medication Decision-Making in the Time of Electronic Health Records: Mixed-Methods Study. JMIR Hum Factors 2018;5(3):e24 DOI: 10.2196/humanfactors.9891

Research presented in Chapter 5:

This research was conducted at the University of Waterloo by Kathryn Mercer under the supervision of Dr. Kelly Grindrod. Kathryn Mercer designed the study with consultations from Drs. Elena Neiterman, Lisa Guirguis, and Kelly Grindrod, who contributed to data analysis. Kathryn Mercer drafted the manuscript and each author provided intellectual input on manuscript drafts.

Mercer K, Neiterman E, Guirguis L, Burns C, Grindrod K. "My Pharmacist": Creating and maintaining relationship between physicians and pharmacists in primary care settings This chapter has been accepted to Research in Social and Administrative Pharmacy. DOI: <https://doi.org/10.1016/j.sapharm.2019.03.144>

Research presented in Chapter 6:

This research was conducted at the University of Waterloo by Kathryn Mercer under the supervision of Dr. Kelly Grindrod. Kathryn Mercer designed the study and completed the data analysis with assistance from Dr. Kelly Grindrod. Caitlin Carter, Jackie Stapleton, and Jalyn Kelly contributed to designing the searches. Parvinder Sahota contributed to data collection. Kathryn Mercer drafted the manuscript and each author provided intellectual input on manuscript drafts.

Mercer K, Carter C, Sahota P, Christofides E, Burns C, Grindrod K. Including the reason for use on prescriptions sent to pharmacists: A scoping review.

As lead author of these four chapters, I was responsible for contributing to conceptualizing study design, carrying out data collection and analysis, and drafting and submitting manuscripts. My coauthors provided guidance during each step of the research and provided feedback on draft manuscripts.