

Kate Mercer

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Education

PhD– Communicating health information in primary care: a multidisciplinary exploration of patient, pharmacist, and physician decision-making University of Waterloo, School of Pharmacy, Waterloo, Ontario	2014- 2019
Master of Information – ALA accredited Library and Information Studies Stream Information Access, Community Research and Deep Research. iSchool, University of Toronto,	2009-2011
Arts Administration & Cultural Management – Business Post-graduate Diploma Humber College, Toronto, Ontario	2007-2008
Bachelor of Arts Major History, minor Canadian Studies, Mount Allison University, Sackville, NB	2003-2007

Employment

Science & Engineering Liaison Librarian- University of Waterloo Library	August 2016- current
<ul style="list-style-type: none">• Adjunct Professor, University of Waterloo Systems Design Engineering, January 2020• Adjunct Professor, University of New Brunswick, Multi/Interdisciplinary Studies, January 2020• Workshops, Lecture, and capstone supervision in courses• Manage budgets & collection development• Outreach & partnership building• Organize workshops and seminars• Design & conduct research	
Research Assistant & Sessional Instructor- University of Waterloo School of Pharmacy	April 2013 – August 2019
<ul style="list-style-type: none">• Research areas: Shared Decision Making, ethics, health literacy, privacy & security, collaborative care, mHealth, professional collaboration• Organize Workshops and Seminars• Recruitment for Projects and Studies• Community outreach for collaboration	
Sessional Instructor- University of Waterloo School of Pharmacy	May 2014- August 2016
<ul style="list-style-type: none">• Created and instructed PHARM 155: Introduction to Drug Information• Co-Instructed Pharm 228	
Consultant	January 2013- current
<ul style="list-style-type: none">• Health technology landscape• Project management and business plan development for start-ups• Industry consultant for health collaboration and medical technologies• Non-profit grant writing & strategic planning	
Research Assistant – OPEN University of Waterloo School of Pharmacy	August 2013- August 2016
<ul style="list-style-type: none">• Member of the Knowledge Translation and Exchange (KTE) interdisciplinary team• Literature Reviews, KTE advising and guidance• Assist different teams with workshops, module development• Grant writing & reporting	
Manager, Strategy & Decision Making - Loblaw Companies Limited, Brampton, ON	February 2011 – May 2013
<ul style="list-style-type: none">• Managed a five person staff and a team of 50 senior staff• Organized and gathered research, analytics and information for senior executive team• Delivered presentations to a wide range of groups and stakeholders• Worked with complex budgets up to \$10.5M• Researched next technology steps, planning and implementation with a focus on health	

- Partnership building
- Contract negotiation

Publications

1. Borland M, Mercer K. Introducing Critique to Enhance Traditional Evaluation in Your Large Classroom. Canadian Design Workshop. Accepted, November 2020
 2. Mercer K, Carter C, Burns C, Tennant R, Grindrod K. Including the reason for use on prescriptions sent to pharmacists: A scoping review. Submitted JMIR Human Factors, July 2020
 3. Mercer K, Weaver K. Evaluative Frameworks and Scientific Knowledge for Undergraduate STEM Students: An Illustrative Case Study Perspective, Science & Technology Libraries, 2020. DOI: 10.1080/0194262X.2020.1796891
 4. Lamont G, Mercer K. et.al: Information-seeking behavior among first-year engineering students and the impacts of pedagogical intervention. Proceedings of the American Society of Engineering Education (ASEE) Annual Conference June 2020 **ASEE 2020 Second Place paper in First-Year Division, 2020.**
 5. Mercer K, Figueiredo R, Power H, Borland M. A critical reflection on how to best embed critical appraisal support in engineering design & entrepreneurship: A case study example with undergraduate engineering students. Proceedings of the Canadian Engineering Education Association (CEEA) Conference. June 2020 doi.org/10.24908/pceea.vi0.14145
 6. Mercer K, Weaver D, Figueiredo R, Carter C. Critical Appraisal: The Key to Unlocking Information Literacy in the STEM Disciplines. College & Research Libraries News. March 2020
 7. Mercer K, Stables-Kennedy A, Weaver K. Understanding Undergraduate Engineering Student Information Access and Needs: Results from a Scoping Review. Proceedings of the American Society of Engineering Education (ASEE) Annual Conference, June 2019
 8. Mercer K, Neiterman E, Burns C, Guirguis L, Grindrod K. "My Pharmacist": Creating and Maintaining Relationship between Physicians and Pharmacists in Primary Care Settings. Res Social Adm Pharm. 2019 Apr 3. pii: S1551-7411(19)30067-1. doi: 10.1016/j.sapharm.2019.03.144
 9. 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 the role of teams and technology in patient's medication decision making. J Am Pharm Assoc (2003). 2019 Mar - Apr;59(2S):S35-S43.e1. doi: 10.1016/j.japh.2018.12.010.
 10. 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
 11. Boger J, Mercer K. Technology for fostering intergenerational connectivity: scoping review protocol. Syst Rev. 2017 Dec 8;6(1):250. doi: 10.1186/s13643-017-0652-y.
 12. Chen ML, Yao L, Boger J, Mercer K, Thompson B, Jiang N. Non-invasive brain stimulation interventions for management of chronic central neuropathic pain: a scoping review protocol BMJ Open 2017;7:e016002. doi: 10.1136/bmjopen-2017-016002
 13. Mercer K, Li M, Giangregorio L, Burns C, Grindrod K. Behavior Change Techniques Present in Wearable Activity Trackers: A Critical Analysis JMIR Mhealth Uhealth 2016;4(2):e40 DOI: 10.2196/mhealth.4461
 14. Mercer, K, Giangregorio, L, Li, M, Chilana, P, Schneider, E, Grindrod, K. Acceptance of Commercially Available Wearable Activity Trackers Among Adults Aged Over 50 and With Chronic Illness: A Mixed-Methods Evaluation. JMIR Mhealth Uhealth. 2016 Jan-Mar; 4(1): e7. doi: 10.2196/mhealth.4225
 15. Mercer, K, Li, M, Grindrod, K. Do wearable activity trackers have a place in pharmacies? Canadian Pharmacists Journal / Revue des Pharmaciens du Canada May/June 2015 vol. 148 no. 3 134-137 doi: 10.1177/1715163515579221
 16. Mercer K, Baskerville N, Burns CM, Chang F, Giangregorio L, Tomasson Goodwin J, Sadat Rezaei L, Grindrod K Using a Collaborative Research Approach to Develop an Interdisciplinary Research Agenda for the Study of Mobile Health Interventions for Older Adults. JMIR mHealth uHealth 2015;3(1):e11 DOI: 10.2196/mhealth.3509
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17. Grindrod, K, Mercer, K. Practice Experts: mHealth-Social Media – February. *Canadian HealthcareNetwork - Pharmacy Practice Plus*. 2014
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Conference Presentations & Workshops

1. Borland M, Mercer K. Introducing Critique to Enhance Traditional Evaluation in Your Large Classroom. Canadian Design Workshop. Accepted, Presentation November 2020
2. MacGregor C, Roufail R, Gorbet M, Mercer K, Howcroft J, Ivkovic I, Borland M, Willett T. Shifting Student Perception of Engineering Communication: Engineering Design is Communication. Accepted to CEEA 2020*
3. Mercer K, Figueiredo R. Combating Information Overload in Engineering Education. CEEA 2020 (workshop)*
4. Mercer K, Figueiredo R, Power H, Borland M. Embedding librarians in Engineering Programs: Two case studies with engineering students. CEEA 2020*
5. Lamont G, Mercer K. et.al: Information-seeking behavior among first-year engineering students and the impacts of pedagogical intervention. Virtual Presentation at the American Society of Engineering Education (ASEE) Annual Conference June 2020 First Year Division
6. Borland M, Mercer K. Introducing Critique to Enhance Traditional Evaluation in Your Large Classroom. Virtual Presentation ASEE 2020 First Year Division
7. Tennant R, Smith C, Leggett A, Mercer K, Burns C. Addressing Human Factors Challenges in Paediatric Home Care: Developing Mobile Home Care Communication App. Virtual Presentation HCS 2020 May 2020
8. Mercer K, Stables-Kennedy A, Weaver K. Understanding Undergraduate Engineering Student Information Access and Needs: Results from a Scoping Review. Presentation at the American Society of Engineering Education (ASEE) Annual Conference June 2019
9. Mercer K, Stables-Kennedy A, Weaver K. Minding the Gaps: Conducting and Using Scoping Reviews in the Library Context. (Presentation) ALA June 2019
10. Mercer K, Stables-Kennedy A, Weaver K. Understanding Undergraduate Engineering Student Information Access and Needs: Results from a Scoping Review. (Poster) OLA, February 2019
11. Mercer, K *et.al.* Building Bridges: Multidisciplinary Research. Pharmacy Research Day, UWaterloo 2018
12. Mercer, K & Carter C. Imposter Syndrome: Bridging the Gap Between Humanities & Science. OLA 2017
13. Mercer, K & Carter C. Revolutionize your Undergraduate Instruction with Top Hat! (Presentation) CHLA 2017
14. Mercer, K. Connecting and engaging cancer patients in decision-making with physicians and pharmacists through electronic health records. University of Waterloo School of Pharmacy. June 2016
15. Grindrod K, Burns C, Chin J, Mercer K et al. Playing Telephone: Medication Management and Integrated Electronic Health Records. Waterloo-Wellington Clinical Research & Quality Improvement Symposium. Waterloo 2016 (poster)
16. Mercer, K *et.al.* Embrace Complexity: Realities of Shared Decision Making & Information Sharing. Waterloo-Wellington Clinical Research & Quality Improvement Symposium. Waterloo 2016 (poster)
17. Grindrod K, Mercer K. “Back it up and Simplify” Wearable activity trackers for adults 50+ living with chronic illnesses Medicine 2.0 Workshop on mHealth for older adults. Maui, HI. Nov 14, 2014.
18. Grindrod K, Mercer K. Bridging the Digital Health Divide. Medicine 2.0 Workshop on mHealth for older adults. Maui, HI. Nov 14, 2014.
19. Chang F, Khan A, Patel T, Grindrod K, Mercer K... Chronic pain stakeholder engagement workshop. CPJ/RPC Saskatoon SK July 2014
20. Chang F, Khan A... Mercer K, Sproule B. Identification of challenges and opportunities for community pharmacists to manage chronic pain- dialogue exchange by chronic pain stakeholders. OPEN Summit, Toronto 2013.
21. Conklin J, Grindrod K, Chun K, Cadieux, M-A, Mercer K. Do stakeholder advisory committees help to promote the uptake and use of new research findings. OPEN Summit, Toronto 2013

*Cancelled due to COVID

Public Presentations

1. Mercer, K. First Year Engineering Courses & Critical Appraisal. CEEA Librarian SIG Meeting. April 2020
 2. Mercer, K. Social media and health technology for seniors. Schlegel Retirement Village August 2016
 3. Mercer, K. Online Health Literacy for Seniors. Schlegel Retirement Village October 2015
 4. Mercer, K. Online Health Literacy for Seniors. Kitchener Public Library September 2015
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5. Mercer, K. Online Health Literacy for Seniors. Kitchener Public Library July-Sept 2014
 6. Mercer, K. Social media and health technology for seniors. Kitchener Public Library. July 2014
 7. Mercer, K. Understanding your children's presence online. Waterloo Public Library. August, 2013
 8. Mercer, K. MakerSpaces and Community Places. Waterloo Public Library, Bowmanville Public Library, Kitchener Public Library, Cambridge Public Library. August, 2013
 9. Mercer, K. Online Health Literacy: Understanding your health online. Waterloo Public Library, April, 2013
 10. Mercer, K. Engaging your company in community partnerships. Loblaw Companies Limited AGM. August, 2012
 11. Mercer, K. Big Data: Impact, Understanding, Use. Loblaw Companies Limited AGM, August, 2012
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Select Conference Attendance

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1. American Society of Engineering Education (ASEE) Conference, Online, 2020
 2. The Human Factors and Ergonomics Society (HFES) Conference, Online, 2020
 3. ALA Annual Conference, Washington, DC, 2019
 4. American Society of Engineering Education (ASEE) Conference, New Orleans, LA, 2019
 5. OLA Super Conference, Toronto, ON 2019
 6. American Society of Engineering Education (ASEE) Conference, Columbus, OH 2017
 7. OLA Super Conference, Toronto ON, 2018
 8. Waterloo-Wellington Clinical Research & Quality Improvement Symposium. Waterloo 2017
 9. OLA Super Conference, Toronto ON, 2017
 10. University of Waterloo School of Pharmacy Research Day 2016
 11. Waterloo-Wellington Clinical Research & Quality Improvement Symposium. Waterloo 2016
 12. OPEN Summit, Toronto 2015
 13. University of Waterloo School of Pharmacy Research Day 2015
 14. Waterloo-Wellington Clinical Research & Quality Improvement Symposium. Waterloo 2015
 15. OPEN Summit, Toronto 2014
 16. CPJ/RPC Conference, Saskatoon SK 2014
 17. OPEN Summit, Toronto 2013
 18. ALA Annual Conference
 19. ALA Annual Conference 2009
 20. OLA Super Conference, Toronto, ON 2008-2012
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Training

Library Management Skills Institute (LMSI) 1 2018
Cochrane Systematic Review Training 2017
Cochrane Living Systematic review paper 2017

Service

Library Committees

- Canadian Engineering Education Association (CEEA) Librarian SIG Chair 2020-2021
- Librarians' and Archivists' Association of the University of Waterloo, Programming Chair (2020-2021)
- Research Services and Digital Scholarship Services Working Group Co-Lead – 2018-2019
- Various hiring committees

Campus Committees

- SCCOM Steering Committee, University of Waterloo 2017-2019
- Strategic Planning Committee: Leveraging Resources Working Group
- UW Labs Remote Teaching Committee
- SYDE Design Days

Academic Service

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- Thesis reader Olamide Olatoye (University of Waterloo, SYDE, 2020)
 - Thesis reader Georgette Greenslade (University of Waterloo, SYDE, 2020)
 - Co-Supervise MSc Student Ryan Tennant (University of Waterloo, SYDE 2019-current)
 - PhD committee Courtney Pyrke (University of New Brunswick, Interdisciplinary Studies, 2019-current)
 - University of Waterloo SYDE Capstone Team supervision 2017-current
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Awards and Achievements

ASEE 2020 Second Place paper in First-Year Division.
Kitchener Waterloo Community Fund \$30,000 Grant
QEII-Graduate Scholarship in Science and Technology
2015, 2016

Ontario Graduate Scholarship, 2014

Peter F. Bronfman Scholarship, 2014, 2015, 2016

Mary Grace McConnell Graduate Scholarship, 2009

Toronto Academic Libraries Internship, 2010

J.E.A. Crake Humanities Project Award, 2005

Committee on Standing, 2009-2011

Life and Times Committee, 2009-2011

China Summer Exchange – Hangzhou, China 2006

Certificate of Excellence in Chinese Language –
Zhejiang University

Summer Archaeological Dig – 2005

Garnet Scholarship, Mount Allison University, 2003

Bell Scholarship, Mount Allison University, 2003

Memberships

- Ontario Library Association
 - Canadian Engineering Education Association (CEEA) (Librarian SIG)
 - American Society for Engineering Education (ASEE)
 - American Library Association
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Skills

- Excellent oral and written communication
- Project and time management
- Team building and leadership
- Establishing and maintaining partnerships
- Vendor negotiation
- One-on-one and group training skills
- Excellent problem-solving abilities
- Community and partnership building

Technology Experience

- Emerging technologies and social media
 - Microsoft Office Suite
 - E-resources and e-learning techniques including Articulate suite.
 - Planning and evaluating new information technology
 - Experience and comfort with teaching online
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