

Contact Information

Marcy Antonio (*she/her*)

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Complete List of Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/marcy.antonio.1/bibliography/public/>

Education

<u>Degree</u>	<u>Department (Area)</u>	<u>University</u>	<u>Year Completed</u>
Doctor of Philosophy	Interdisciplinary Studies, Health Informatics and Nursing	University of Victoria	2021
Graduate Certificate	Learning and Teaching in Higher Education (LATHE) Educational Psychology and Leadership Studies	University of Victoria	2018
Master of Public Health	Social Policy and Health Informatics Stream	University of Victoria	2013
Bachelor of Science	Major Biology, Minor Kinesiology, Co-op degree	Simon Fraser University	1994

Dissertation Focus

Applied a social justice lens in exploring the role of digital technologies for social connectedness and outcomes and experiences for the chronic obstructive pulmonary disease (COPD) community. The three-stage sequential transformative mixed methods research study involved semi-structured interviews, a survey and patient-reported experience measures and patient-reported outcome measures.

Supervisors: Drs. Laurene Shields and Francis Lau; Committee member Dr. Anne Bruce

Focus Areas for Program of Research

- Digital health equity and digital ageism
- Addressing the impact of social determinants of health as one ages
- Mixed methods and qualitative research

Academic Appointments, Employment and Contracts

2021- 2024 Research School of Information, University of Michigan (contracted as
Consultant a Postdoctoral Research Fellow)

2023-	Adjunct Assistant Professor	School of Health Information Science, University of Victoria
2015 -2019	Senior Research Assistant	University of Pittsburgh, Carnegie Mellon University, University of Victoria and University of Missouri <i>'Self-management via health kiosk by community-residing older adults'</i> Agency for Healthcare Research and Quality (AHRQ) Principal Investigator: Matthews, J. Co-investigators: Courtney, K., Beach, S., Buysse, D., Engberg, S., Lingler, J., McTigue, K., Schulz, R., Van Swearingen, J., Morrow, L., Skubic, M., Smailagic, A., & Hess, R.
2014 - 2015	Research Coordinator	Faculty of Nursing, University of Alberta <i>'Health-related quality of life assessment in clinical nephrology nursing practice'</i> A Kidney Research Scientist Core Education and National Training Kidney Research Scientist Core Education and National Training (KRESCENT) post-doctoral funded study Principal Investigator: Schick-Makaroff, K (Post-doctorate)
2019	Teaching Assistant	HINF140, Introduction to the Canadian healthcare system (on campus), University of Victoria, School of Health Information Science.
2015	Sessional Instructor	HLTH 402, Health and community supportive technologies (asynchronous online), University of Victoria, School of Public Health, 11 students.
2014	Sessional Instructor	HLTH 402, Health and community supportive technologies (asynchronous online), University of Victoria, School of Public Health, 16 students.
2013	Sessional Instructor	HLTH 402, Health and community supportive technologies (asynchronous online), University of Victoria, School of Public Health, 18 students.
2013	Course Designer	Course Designer, HLTH 402, Health and community supportive technologies, University of Victoria, School of Public Health, (new asynchronous online course).

Honours

Publication Awards and Recognitions

2023 Publication on *'Equitable research PRAXIS: a framework for health informatics methods'* recognized at the American Medical Informatics Association conference Year in Review.

2022 Publication on *'Toward an inclusive digital health system for sexual and gender minorities in Canada'* Received notable mention for 2021 papers on addressing

bias, equity, and literacy to strengthen health systems in the International Journal of Medical Informatics Special Section on Inclusive Digital Health.

- 2020** Publication on '*Is research on patient portals attuned to health equity: A scoping review*' received award for being one of the top three "best of medical informatics" articles of 2019, International Journal of Medical Informatics Special Section on Ethics in Health Informatics.

Fellowships and Scholarships

- 2019-2020 Patient-Oriented Research Fellowship, BC SUPPORT Unit Vancouver Island (Awarded \$5,000)
- 2019-2020 University of Victoria Graduate Award (Awarded \$8,000)
- 2017-2018 University of Victoria Interdisciplinary Graduate Fellowship (Awarded \$14,000)
- 2014-2018 Doctoral Fellowship through a Canadian Institutes for Health Research Operating Grant (Awarded \$89,000)
- 'Living-and-dying with fatal chronic conditions: Understanding narratives of liminality'*
- Principal Investigator: Shields, L.; Co-investigators: Molzahn, A., Bruce, A., Schick-Makaroff, K., Beuthin, R., Clark, A., & Borycki, E.
- 2016-2017 University of Victoria Interdisciplinary Graduate Scholarship (Awarded \$10,000)
- 2015-2016 University of Victoria Interdisciplinary Graduate Scholarship (Awarded \$5,091)
- 2015-2016 University of Victoria Interdisciplinary Graduate Scholarship (Awarded \$18,000)
- 2014-2015 Ord & Linda Anderson Scholarship, University of Victoria (Awarded \$18,000)

Other Honours

- 2007** President's Award for Career Excellence, Pride Mobility Products, Ltd.
- 2006** President's Award for Career Excellence, Pride Mobility Products, Ltd.

Research and Community Projects

Current Grants

- 2022-2024 '*Equitable people centred health measurement (mixture-CAT)*', Canada Health Research Institute Project Grant on Novel Methods for Equitable People-Centred Health Measurement #468626 (\$761,176.)
- Principal investigators: Sawatzky, R. (nominated principal investigator); Cuthbertson, L. (knowledge user), Lix, L. Santana, M. Salmon, A. Schick-Makaroff, K., Zelinsky, S. (patient partner), Zumbo, B.D.
- Patient Partners: C. Bradley, G. Cowman, A. Maybee.

Co-investigators: **M. Antonio**, S. Clelland, K Courtney, C. Falk, A. Gadermann, J. Jackson, S. Klarenbach, J. Kopec, J-Y. Kwon, F. Lau, J. Liu, A. Pinto, P. Ratner, L. Russell, T. Sajobi, A. Wolff, H. Wong.

International investigators: J. Evans, F. Fischer, C. Gibbons, M. Hawkins, J. Öhlén, J. Valderas.

Collaborators: B. Forde (Technology Partner – Cambian); C. Beach & Susanne Burns (Fraser Health Authority); Lorraine Grieves (Provincial Health Services Authority – Trans Care BC).

- 2021-2022 Collaborative Research: Shared Mobility Systems to Address Transportation Barriers of Underserved Urban and Rural Communities. National Science Foundation. Division of Information & Intelligent Systems. Cyber-Human Systems (CHS) Program, Award #1910281. (\$783,175).
Principal Investigators: Veinot, T.C., Dillahun, T.R., Shih, P., Berrocal, V. G.
Key Personnel: **Antonio, M.**

Previous Grants

- 2021-2022 RAPID COVID-19: Sociotechnical Systems and Complexity Reduction: Enhancing Access to Digital Essential Services for Low-Income Communities during a Public Health Crisis. National Science Foundation. Division of Information & Intelligent Systems. Cyber-Human Systems (CHS) Program, Award #2031662 (\$199,931)
Principal Investigators: Veinot, T.C., Dillahun, T.R., Buis, L.
Key Personnel: **Antonio, M.**
- 2021-2022 ‘Co-developing a digital health systems research program to support cultural safety and health equity for Two-Spirit, transgender and nonbinary patients in British Columbia’, Michael Smith Foundation for Health Research C2 grant (\$15,000)
Principal Applicant: Courtney, K.
Lead Research User: Grieves, L. (Trans Care BC)
Co-Applicants: Lau, F., Devor, A., **Antonio, M.**
Trainees: Davison, K & Queen, R.
- 2021-2022 ‘Disseminating Research Outputs on Actions to Modernize Gender, Sex, and Sexual Orientation Documentation in Canadian Electronic Health Records’, Michael Smith Foundation for Health Research REACH grant (\$15,000)
Principal Applicant: Lau, F.
Lead Research User: Jollimore, J. (Community-Based Research Centre)
Researchers: Courtney, K. & Devor, A.
Trainees: **Antonio, M.**, Davison, K & Queen, A.
- 2019-2021 ‘Advancing the science of patient-centred measurement in team-based care’ BC SUPPORT Unit - Methods Cluster Project (\$150,000)
University of Victoria, University of British Columbia, Kootenay Boundary
Division of Family Practice, Patient Voices Network
Principal Investigators: Lau, F & Davis, S.

Patient-partner Co-Investigators: Smith, M. & Burgener, P.
Research Co-Investigators: **Antonio, M.**, Price, M., Lavallee, D., Dale, L.,
Forde, B., Hobson, B., Fletcher, S., & Bellwood, P.

2019-2020 *'Modernizing sex and gender information practices in the electronic health record'* Canadian Institutes of Health Research (CIHR), Planning and Dissemination Grant (\$20,000)
University of Victoria and University of Toronto
Principal Investigator: Lau, F. & Lachowsky, N.
Co-Applicants: Devor, A., **Antonio, M.**, Pinto, A., & Card, K.

Community Development Consultant

2020-2022 BC Lung Foundation, British Columbia
2014 United Way - Better at Home, Victoria, BC
Assess community's readiness for a new program that was being launched through the United Way and BC Ministry of Health
2013 Access Oceanside Association, Parksville and Qualicum, BC: Facilitated a forum attended by local councilors to discuss current barriers faced by people living with a disability.
2013 Vancouver Island University, Centre for Healthy Aging: Co-facilitated a two-day workshop attended by patients, councilors, practitioners, non-profit organizers and researchers to discuss current supports for seniors living in the community.

Professional Employment

2009 - 2012 Manager, Advanced Mobility Products Ltd., Nanaimo, BC: Worked with people of all ages who were living with a disability in providing assistive technology to support activities of daily living and quality of life.
2003 - 2008 Quantum Rehab Educator, Pride Mobility Products Ltd., Western Canada: Worked along patients, practitioners, and policymakers in providing education on how to optimize the set-up of power wheelchairs for home, community and online access.
1999 - 2003 Rehab Specialist, Advanced Mobility Products Ltd., Vancouver, BC: Visited people who were living in their private homes, or in care facilities in the provision of assistive technologies to support mobility and activities of daily living.
1996 -1999 Sales Coordinator, SelfCare Home Health Products, North Vancouver, BC: Assisted people living with a disability or chronic illness or who were near end of life in selecting assistive technology that could support mobility and activities of daily living.

Peer-Reviewed Publications

Published Journal Articles

Marcy Antonio PhD, MPH, BSc

- Williamson, A.K., **Antonio, M.G.**, Davis, S., Kameswaran, V., Dillahunt, T.R., Buis, L.R. & Veinot, T.C. (2023). Human technology intermediation to reduce cognitive load: understanding healthcare staff members' practices to facilitate telehealth access in an FQHC patient population. *Journal of the American Medical Informatics Association*. [Accepted].
- Antonio, M.G.** & Veinot, T.C. (2023) From illness management to quality of life: rethinking consumer health informatics opportunities for progressive, potentially fatal illnesses. *Journal of the American Medical Informatics Association*. [Open access]. doi: [10.1093/jamia/ocad234](https://doi.org/10.1093/jamia/ocad234)
- Queen, R., Courtney, K., Lau, F., Davison, K., Devor, A., **Antonio, M.** Authors' reply: modernizing gender, sex, and sexual orientation data through engagement and education. *Journal of Medical Internet Research*, 25: e52286. [Open access].
- Queen, R., Courtney, K. L., Lau, F., Davison, K., Devor, A., & **Antonio, M. G.** (2023). What's Next for Modernizing Gender, Sex, and Sexual Orientation Terminology in Digital Health Systems? Viewpoint on Research and Implementation Priorities. *Journal of Medical Internet Research*, 25, e46773. [Open access].doi: [10.2196/46773](https://doi.org/10.2196/46773)
- Antonio, M.G.**, Williamson, A, Kameswaran, V, Beals, A, Ankrah, R, Goulet, S., Wang, I., Macias, G., James-Gist, J., Brown, L.K., Davis, S., Pillai, S., Buis, L. Dillahunt, T., Veinot, T.C. Targeting Patients' Cognitive Load for Telehealth Video Visits Through Student-Delivered Helping Sessions at a United States Federally Qualified Health Center: Equity-Focused, Mixed Methods Pilot Intervention Study. *Journal of Medical Internet Research*, 25, e42586. <https://doi.org/10.2196/42586> [Open access].
- Antonio, M.G.**, Davis, S., Smith, M. Burgener, P., Price, M., Lavalley, D., Fletcher, S., & Lau, F., (2022). Advancing digital patient-centered measurement methods for team-based care. *SAGE Digital Health*. <https://doi.org/10.1177/20552076221145420>. [Open access].
- Veinot, T.C., Clarke, P.J., Romero, D.M., Buis, L.R., Dillahunt, T.R. Vydiswaran, V.G.V, Beals, A., Brown, L., Richards, O., Williamson, A., **Antonio, M.G.** Equitable research PRAXIS: A framework for health informatics methods. *International Journal of Medical Informatics*.31(01) doi: [10.1055/s-0042-1742542](https://doi.org/10.1055/s-0042-1742542) [Open Access]. [Highlighted at the AMIA Conference Year in Review].
- Davis, S., **Antonio, M.**, Smith, M., Burgener, P., Lavalley, D., Price, M., Fletcher, S.C., Lau, F. (2021). Paving the way for electronic patient-centred measurement in team-based primary care: an integrated knowledge translation approach. *JMIR Formative Research*. doi: [10.2196/33584](https://doi.org/10.2196/33584) [Open access].
- Antonio, M.**, Lau, F., Davison, K., Devor, A., Queen, R. & Courtney, K. (2021). Toward an inclusive digital health system for sexual and gender minorities in Canada. *Journal of the American Medical Informatics Association*. 29(2) Response to Special Focus Issue: Informatics for Sex- and Gender-Related Health: Understanding the problems, developing new methods, and designing new solutions. doi:[10.1093/jamia/ocab183](https://doi.org/10.1093/jamia/ocab183) [Open Access]. [Received notable mention in the International Journal of Medical Informatics Special Section on Inclusive Digital Health].

- Molzahn, A., Sheilds, L., **Antonio, M.**, Bruce, A., Schick-Makaroff, K. & Wiebe, R. (2021). Ten minutes to midnight: A narrative inquiry of people living with dying with advanced COPD and their family members. *International Journal of Qualitative Studies of Health and Well-being*. 16(1). doi: [10.1080/17482631.2021.1893146](https://doi.org/10.1080/17482631.2021.1893146). [Open access].
- Davison, K., Queen, R., Lau, F., & **Antonio, M.** (2021). Culturally competent information gender, sex and sexual orientation information practices and electronic health records: A rapid review. *Journal of Medical Internet Research*. 9(2); doi: [10.2196/25467](https://doi.org/10.2196/25467) [Open access].
- Antonio, M.**, Petrovskaya, O. & Lau, F. (2020). The state of evidence in patient portals: An umbrella review. *Journal of Medical Internet Research*. 22(11); doi: [10.2196/23851](https://doi.org/10.2196/23851) [Open access]
- Lau, F., **Antonio, M.**, Davison, K., Queen, R. & Bryski, K. (2020). An environmental scan of sex and gender in electronic health records. *Journal of Medical Internet Research*. 22(11); doi: [10.2196/20050](https://doi.org/10.2196/20050) [Open access]
- Lau, F., **Antonio, M.**, Davison, K., Queen, R. & Devor, A. (2020). A rapid review of gender, sex and sexual orientation documentation in electronic health records. *Journal of the American Medical Informatics Association*. 22(11), 1774-1783; doi: [10.1093/jamia/ocaa158](https://doi.org/10.1093/jamia/ocaa158) [Open access]
- Molzahn, A. E., Sheilds, L., Bruce, A., Schick-Makaroff, K., **Antonio, M.**, & Clark, A. (2020). Life and priorities before death: A narrative inquiry of uncertainty and end of life in people with heart failure and their family members. *The European Journal of Cardiovascular Nursing*. 19(7): 629-637; doi:[10.1177/1474515120918355](https://doi.org/10.1177/1474515120918355). [Open access]
- Antonio, M.**, Schick-Makaroff, K., Doiron, J., Sheilds, L., White, L. & Molzahn, A. E. (2020). Qualitative data management and analysis within a data repository, *Western Journal of Nursing Research* 42(8):640-648; doi: [10.1177/0193945919881706](https://doi.org/10.1177/0193945919881706).
- Antonio, M.G.**, Petrovskaya, O. & Lau, F. (2019). Is research in patient portals attuned to health equity: A scoping review. *Journal of the American Medical Informatics Association*, [Special Focus Edition on Health Equity] doi:[10.1093/jamia/ocz054](https://doi.org/10.1093/jamia/ocz054). [Recognized as one of the top three "best of medical informatics" articles of 2019, International Journal of Medical Informatics Special Section on Ethics in Health Informatics].
- Petrovskaya, O., Lau, F. & **Antonio, M.** (2019). Synthesizing evidence on patient portals: A protocol for an umbrella review. *BMJ Open* 9:e024469; [10.1136/bmjopen-2018-024469](https://doi.org/10.1136/bmjopen-2018-024469) [Open access].
- Molzahn, A. E., Sheilds, L., Bruce, A., Schick-Makaroff, K., **Antonio, M.**, & White, L. (2018). Living with dying: A narrative inquiry of people with chronic kidney disease and their family members. *Journal of Advanced Nursing* 75(1):129-137; doi:[10.1111/jan.13830](https://doi.org/10.1111/jan.13830). [Open access].
- Birnbaum, D., Gretsinger, K., **Antonio, M.G.**, Loewen, L., & Lacroix, P. (2018). Revisiting public health informatics: Patient privacy concerns. *International Journal of Health Governance* 23(2): 149-159; [10.1108/IJHG-11-2017-0058](https://doi.org/10.1108/IJHG-11-2017-0058).

Pub-Med Indexed Papers (4)

Antonio, M. & Petrovskaya, O. (2019). Towards developing an eHealth equity conceptual framework. *Studies in Health Technology and Informatics*, 257, 24-30.

Courtney, K.L., **Antonio, M.G.**, Garnett, A. & Matthews, J.T. (2019). Applying the behavior change technique taxonomy to mobile health applications: A Protocol. *Studies in Health Technology and Informatics*, 257, 64-69.

Antonio, M.G., Courtney, K.L., Linger, J.H. & Matthews, J.T. (2017). Translating behavior change techniques to new delivery mediums. *Studies in Health Technology and Informatics*, 234, 18-23.

Antonio, M., Borycki, E.M & Kushniruk, A. W. (2015). Supporting dementia in the community: A human factors perspective. *Studies in Health Technology and Informatics*, 208, 50-4.

Conference Abstracts (17)

Antonio, M., Davis, S., Smith, M. Burgener, P. & Lau, F. (2020). *Integrating patient-centred measurement into team-based care workflow*. BC SUPPORT Unit Virtual Conference, October 9, 2020.

Antonio, M. (2020). *What can we learn from people with COPD use of digital technologies for social connectedness?* Virtual BC COVID-19 Symposium, September 1, 2020.

Antonio, M. (2020). *Towards a standardized social determinants of health value set*. eHealth pop-up. Virtual Conference, July 21, 2020.

Antonio, M. (2019). *Building capacity for the COPD community through digital technologies: A transformative mixed methods study*. Qualitative Health Research Conference, Vancouver, BC., October 27-29, 2019.

L. Sheilds, **Antonio, M.** Schick-Makaroff, K., (2019). *Expanding access and audience through digital and video production*. Qualitative Health Research Conference, Vancouver, BC., October 27-29, 2019.

Antonio, M., Schick-Makaroff, K., Wiebe, R. (2019) *Lessons learned: Practical strategies for creative KT activities*. Qualitative Health Research Conference, Vancouver, BC., October 27-29, 2019.

Antonio, M., Archibald, M., Toraman, S. & Poth, C. (2018). *Communities of practice for mixed methods research: Experiences from two reading groups*. Mixed Methods International Research Conference, Vienna, Austria, August 20-23, 2018.

Antonio, M. (2018). *Addressing health inequities through virtual social networks: A proposed transformative mixed method research (MMR) study*. Mixed Methods International Research Conference, Vienna, Austria, August 20-23, 2018.

Sheilds, L., Bruce, A., White, L. & **Antonio, M.** (2018). *Listening and illuminating liminal spaces of (dis)ease: Story-ing living and dying*. Narrative Matters, Enschede, The Netherlands, July 2-5, 2018.

Antonio, M., Sheilds, L., White, L. & Bruce, A. (2018). *Easing into stories of living and dying through métissage*. Narrative Matters, Enschede, The Netherlands, July 2-5, 2018.

Bruce, A., White, L., Sheilds, L. & **Antonio, M.** (2018). *Understanding emotion in storying (dis)ease*. Narrative Matters, Enschede, The Netherlands, July 2-5, 2018.

White, L., Sheilds, L., **Antonio, M.** & Bruce, A. (2018). *Un-told stories of (dis)ease between patients, families, and health providers: Cultivating relational spaces of compassion*. Narrative Matters, Enschede, The Netherlands, July 2-5, 2018.

Antonio, M.G., Courtney, K.L., Garnet, A. & Matthews, J.T. (2017). *Feasibility study to evaluate behavior change techniques in mobile health apps*. Canadian Nursing Informatics Association Conference 2018, Vancouver, BC, May 26, 2018.

Antonio, M.G., Sheilds, L. & Bruce, A. (2017). *Narratives of living with chronic obstructive pulmonary disease (COPD): Engaging the voices of people experiencing social isolation*. Qualitative Health Research Conference, Quebec City, CA, October 17-19, 2017.

Antonio, M.G., Sheilds, L. & Schick-Makaroff, K. (2017). *Dyadic approach to weaving cross-threads of patient and family narratives*. Qualitative Health Research Conference, Quebec City, CA, October 17-19, 2017.

Antonio, M., Doiron, J. & Sheilds, L. (2016). *Security or collaboration? How to balance both in a qualitative research study*. Qualitative Methods Conference. Glasgow, Scotland, May 4, 2016.

Cook, K. & **Antonio, M.** (2008). *Bridging the Gap: Powered Mobility Meets Electronic Aids to Daily Living*, International Seating Symposium through the Sunnyhill Children's Centre and the University of BC, Vancouver, BC, March 6, 2008.

Conference Workshops & Panels (4)

Antonio, M.G., Lowens, B., Beals, A., Harzler, A., Zhou, L. & Veinot, T.C. (2023) *Fostering inclusive and equitable health care and public health: Addressing stigma and discrimination with informatics*. American Medical Informatics Association Conference, New Orleans, LO, November 11-15, 2022; [Panel].

Williamson, A., **Antonio, M.**, Khoong, E., Rodriguez J.A., Tourous, J., Gray, L., & Veinot, T. (2022) *Human intermediaries as core infrastructure for addressing telehealth access inequities*. American Medical Informatics Association Conference, Washington, DC, November 4-9, 2022; [Panel].

Antonio, M., Courtney, K., Garnett, A., & Talbot, J. (2019). *Changing app “behavior” to change health behaviors*. Information Technology and Communication Health Conference, Victoria, BC, February 15-17, 2019; [Workshop].

Antonio, M., Courtney, K., & Talbot, J. (2016). *Not lost in translation: Changing intervention delivery mechanisms in e-health*. International Conference on Nursing Informatics, Geneva, Switzerland. June 28, 2016; [Workshop].

Conference Presentations (4)

Antonio, M. & Petrovskaya, O. (2019). *Towards developing an eHealth equity conceptual framework*. Information Technology and Communication Health Conference, Victoria, BC, February 15-17, 2019.

Courtney, K.L, **Antonio, M.G.**, Garnett, A. & Matthews, J.T. (2019). *Applying the behavior change technique taxonomy to mobile health applications: A Protocol*. Information Technology and Communication Health Conference, Victoria, BC, February 15-17, 2019.

Antonio, M.G., Courtney, K.L., Lingler, J.H. & Matthews, J.T. (2017). *Translating behavior change techniques to new delivery mediums*. Information Technology and Communication Health Conference, Victoria, BC, February 17, 2017.

Antonio, M., Borycki, E. & Kushniruk, A. (2015). *Supporting dementia in the community - A human factors perspective*, Information Technology and Communication Health Conference, Victoria, BC, February 28, 2015.

Poster Presentations (6)

Antonio, M.G. (2019). *Exploring digital technologies to support COPD*. Information Technology and Communication Health Conference, Victoria, BC, February 14, 2019.

Garnet, A., Courtney, K.L. **Antonio, M.G.**, & Matthews, J.T. (2018). *Opportunities for mobile health intervention design*. Canadian Nursing Informatics Association Conference 2018, Vancouver, BC, May 26, 2018.

Antonio, M.G., & Shields, L. (2018). *Digital technologies potential in addressing the social isolation experienced with COPD*. Canadian Respiratory Conference, Vancouver, BC. April 12-14, 2018.

Antonio, M.G. (2017). *The potential of digital technologies to support social networks and address health inequities for people living with COPD*. Qual-World Conference, virtual international conference, November 29, 2017.

Antonio, M.G., Courtney, K.L., Lingler, J.H. & Matthews, J.T. (2017). *Decoding the behavior change techniques in mobile health apps*. American Medical Informatics Association 2017 Annual Symposium, Washington, DC, November 4-8, 2017.

Antonio, M.G. (2017). *Revisiting patient portal aims - A scoping review*. Information Technology and Communication Health Conference, Victoria, BC, February 16, 2017.

Non-Refereed Publications

Policy and Community Reports

Antonio, M., Conklin, A. & Mack, S. (2022) *Towards developing standards on the intersection of racism and discrimination, material hardship and healthcare access*. A Summary Report by Canada Health Infoway Social Determinants of Health Working Group. Victoria, BC. [doi: 10.14288/1.0429371](https://doi.org/10.14288/1.0429371)

Antonio, M. (2021). *Briefing note: Modernizing gender, sex and sexual orientation information practices in Canadian digital health systems*. Created for Canada Health Infoway to introduce action plan to Health Canada.

Lau, F., Devor, M., **Antonio, M.**, Queen, R., Ogilvie, A., Lachowsky, N., Pinto, A., Jollimore, J., Keig, Z., Flores, F., MacLean, A., Davision, K., Nexbitt, J., Islic, N., Jamieson, K., Metcalfe, D. and Armstrong, T. (2020). [A proposed action plan to modernize gender, sex and sexual orientation information practices in Canadian electronic health record systems](#).

Antonio, M. (2014). *Better at Home for Victoria's West Shore*. Community asset mapping study funded through the BC Ministry of Health, United Way, Vancouver, BC.

Antonio, M. (2014). Response to the request for information by the Ministry of Social Development and Social Innovation, Access Oceanside Association, Parksville, BC.

Antonio, M. & MacFadgen, L. (2013). *A selective review of applied models and promising practices for senior's integrated care*. Discussion paper prepared for the Oceanside IMPACTS Community Planning Forum. Vancouver Island University, Centre for Healthy Aging.

Antonio, M. (2013). *A scoping review of innovative technologies for aging in place*. Practicum Project through the BC Ministry of Health, Seniors Action Plan Team. University of Victoria, BC.

Antonio, M. (2013). *Innovative technologies for aging in place*. Policy paper prepared for the BC Ministry of Health, Seniors Action Plan Team. Victoria, BC.

Published Articles

Moreau, J., **Antonio, M.** & White, L. (2018). *Working and learning across difference in PhD studies: What's to be gained?* Communiqué - School of Nursing - Research and Scholarship. Victoria, BC: University of Victoria.

Antonio, M. & Frisch, N. (2017). *Conference overview: ITCH 2017*. Communiqué - School of Nursing - Research and Scholarship. Victoria, BC: University of Victoria.

Knowledge Translation

Invited Presenter

Antonio, M. & Davis, S. (2021). *Advancing the science of patient-centred measurement in team-based care*, BC SUPPORT Unit webinar, September 9, 2021.

Antonio, M. & Petrovskaya, O. (2020). *An umbrella review on the state of evidence in patient portals*. Health Information Standards Working Group, online, April, 28, 2020.

Antonio, M. & Lau, F. (2020). *Social determinants of health value set*, Infoway Health Information Standards Community, online, January 21, 2020.

Antonio, M. & Lau, F. (2019). *Social determinants of health value set*. Presentation for Infoway Coordination of Care Community, online, December 5, 2019.

Antonio, M., Petrovskaya, O., & Lau, F. (2019) *Patient portal scoping review - Methodological Approach*. Presentation for University of Victoria's School of Nursing Joanna Briggs Institute Research Group, November 21, 2019.

Antonio, M. & Lau, F. (2019). *Social Determinants of Health Value Set*. Presentation for BC Core Data Set Working Group, online, September 25, 2019.

Antonio, M. & Lau, F. (2019). *Social Determinants of Health Value Set*. Presentation for BC Health Information Standards Working Group, online, October 10, 2019.

Antonio, M. & Petrovskaya, O. *eHealth Equity Framework*. Presentation for the BC Operational Working Group for Home Health Monitoring, online, May 23, 2019.

Schick-Makaroff, K., **Antonio, M.**, Bandsmer, J., Butcher, D. & Petrovskaya, O. (2015). *'Using tablet computers in realtime with home dialysis patients and nurses'*, Presentation at Island Health's Research Rounds, Victoria, BC, May 14, 2015.

Workshops & Community Presentations

Antonio, M. (2022). *Exploring the role of digital technologies for the COPD community: Preparing a mixed methods dissertation for publication*. Qualitative & Mixed Methods Learning Lab, Workshops in Progress Seminar Series, University of Michigan.

Antonio, M. (2019). *How to get involved in research'*, Better Breathers COPD Support groups across Vancouver Island, September-November 2019.

Antonio, M. (2014). *'Access Oceanside Association Community Forum'*, Parksville, BC, January 23, 2014. Submission for request for response on current supports for people with disabilities.

Antonio, M. & Olsson, J. (2014). *Better at Home Community Forum*, Colwood, BC, January 17, 2014.

Antonio, M. (2013). *Better at Home for the West Shore*, Metchosin Town Council. November, 2013.

MacFadgen, L. & **Antonio, M.** (2013). *Improving Partnerships for Age-Friendly Care Transitions for Seniors*, Parksville, BC, September 24-25, 2013.

Antonio, M. (2008). *'Innovations and Applications'*, Coquitlam, BC, Full day workshop, August 12, 2008.

Antonio, M. (2008). *'The Q-Logical Solution'*, Red Deer, AB, Full day workshop, July 23, 2008.

Antonio, M. (2008). *'The Q-Logical Solution'*, Coquitlam, BC, Full day workshop, June 26, 2008.

Antonio, M. (2008). *'Innovations and Applications'*, Grand Prairie, AB, Full day workshop, May 27, 2008.

Antonio, M. (2008). *'Innovations and Applications'*, Kelowna, BC, Full day workshop, April 24, 2008.

Antonio, M. & Fakely, R. (2008). *'The Power to Move'*, presented in conjunction with the Alberta government, Calgary, AB, Full day workshop, March 20, 2008.

Antonio, M. & Fakely, R. (2008). *'The Power to Move'*, presented in conjunction with the Alberta government, Edmonton, AB, Full day workshop, March 18, 2008.

Antonio, M. (2007). *'Innovations and Applications'*, Cranbrook, BC, Full day workshop, November 1, 2007.

Antonio, M. (2007). *'The Power to Move'*, presented in conjunction with the Alberta government, Calgary, AB, Full day workshop, October 4, 2007.

Antonio, M. (2007). *'The Power to Move'*, presented in conjunction with the AB government, Edmonton, AB, Full day workshop, October 2, 2007.

Antonio, M. (2007). *'Innovations and Applications'*, Whitehorse, YK, Full day workshop, June 12, 2007.

Antonio, M. (2007). *'Innovations and Applications'*, Prince George, BC, Full day workshop, January 18, 2007.

Knowledge Dissemination: Digital and Social Media

Antonio, M. (2022). [*Digital technologies for COPD*](#). Dissertation research web site. [Web site development].

Antonio, M. (2022). [*The role of digital technologies in lives of people with COPD. Help with technology*](#). LungFit Pulmonary rehab podcast with Dr. Pat Camp. [Podcast].

Beauséjour, W., **Antonio, M.**, & Conklin, A. (2021). [*Re-examining the Social Determinants of health*](#). Digital Health InfoCast - Canada Health Infoway Podcast. [Podcast]

Lau, F. & **Antonio, M.** (2021). [*HSD Research Circle and Special Speaker Events*](#). [You-tube].

BC Lung Foundation. (2021). Help with technology. [Community Resource].
<https://bc.lung.ca/patient-support/help-technology>

BC SUPPORT Unit Bulletin. (2021). Island Centre Updates:| [*What is the role of digital technologies to support illness experiences and outcomes and social connectedness for people living with chronic obstructive pulmonary disease \(COPD\)?*](#) [Research Brief].

UVic Research Partnerships & Knowledge Mobilization. (2021). [*Research Snapshot: Is research on patient portals attuned to health equity*](#). [Research Brief].

Antonio, M. (2021). Digital Technology Resources. Infographic: Part one of four. (Distributed through the BC Lung Foundation mailing list and web site, BC SUPPORT mailing list, and to BC health authorities). [Infographic].

Antonio, M. (2020). [*Action plan to modernize sex and gender information practices in digital and electronic health records*](#). [Infographic].

Infoway Canada. (2020). [*Community leader spotlight: Marcy Antonio, Sex and gender working group*](#). [Research Brief].

Antonio, M. (2020). [*Patient-centred Measurement*](#). Development of website for research study from research study: Patient-centred measurement in Team-based Care. [Web site development].

Antonio, M. & Shields, L. (2019). *Illness Narratives*. Development of web site to share findings from research study: [*Living-and-Dying with Fatal Chronic Conditions: Understanding Narratives of Liminality*](#). [Web site development].

Shields, L., Molzahn, A., Bruce, A., Schick-Makaroff & **Antonio, M.** (2020). Development of four videos that share patients' and families' narratives on: *'Living-and-Dying with Fatal Chronic Conditions: Understanding Narratives of Liminality'* [Video development].

Invited Guest Lectures

- March 16, 2022 *Health equity, intersectionality and GBA+*, Health Informatics 603, Dissertation Seminar. School of Health Information Science, University of Victoria, Victoria, BC; [online]
- March 14, 2022 Preparing a dissertation for publication. *University of Michigan's Qualitative & Mixed Methods Learning Lab, Workshops in Progress Seminar Series*. Ann Arbor, Michigan; [online].
- November 19, 2021 *Preparing for PhD milestones*, Nursing 622, Dissertation Seminar (*synchronous online panel*). School of Nursing, University of Victoria, Victoria, BC; [online].
- October 22, 2019 *Health equity in health informatics*, HINF 516, Telehealth, m-Health and pervasive health technology. (*synchronous online lecture*); School of Health Information Science, University of Victoria, Victoria, BC; [online].
- September 23, 2019 *Portfolio development*. Nursing 622, Dissertation Seminar (*synchronous online panel*). School of Nursing, University of Victoria, Victoria, BC; [online].
- March 21, 2019 *Current health issues through biomedical and equitable lenses – Part 2*, HINF 140: Introduction to the Canadian health care system. School of Health Information Science, University of Victoria, Victoria, BC; [in-person lecture].
- March 18 and 21, 2019 *Current health issues through biomedical and equitable lenses – Part 1*, HINF 140: Introduction to the Canadian health care system. School of Health Information Science, University of Victoria, Victoria, BC; [in-person lecture].
- November 19, 2018 *Quantitative analysis*. HINF503 - Research Methods; School of Health Information Science, University of Victoria, Victoria, BC; [online].
- October 29, 2018 *Mixed methods research and qualitative description*. HINF503 - Research Methods; School of Health Information Science, University of Victoria, Victoria, BC; [online].
- March 12, 2018 *Behavioral control: Balancing culture, rewards and boundaries in healthcare*. HINF410 - Information Management and Technology; School of Health Information Science, University of Victoria, Victoria, BC; [in-person lecture].
- November 21, 2017 *Quantitative analysis*. HINF503 - Research Methods; School of Health Information Science, University of Victoria, Victoria, BC; [online].
- October 30, 2017 *Mixed methods research and qualitative description*. HINF503 - Research Methods; School of Health Information Science, University of Victoria, Victoria, BC; [online].

- September 26, 2017 *Portfolio development. Nursing 622 - Dissertation Seminar. School of Nursing, University of Victoria, Victoria, BC; [online].*
- February 4, 2016 *Health informatics - An overview. Nursing 341, Professional Practice IV: Nursing Inquiry; School of Nursing, University of Victoria, Victoria, BC; [in-person].*
- September 16, 2015 *Creating a codebook - The why, what and when. Nursing 604 Statistics in Nursing Research; Faculty of Nursing, University of Alberta, Edmonton, AB; [online].*
- August 28, 2014 *School of Public Health Practitioners' Panel, Bachelor Program, School of Public Health, University of Victoria, Victoria, BC; [in-person].*
- August 29, 2013 *School of Public Health Practitioners' Panel, Bachelor Program, School of Public Health, University of Victoria, Victoria, BC; [in-person].*
- August 30, 2012 *School of Public Health Practitioners' Panel, Bachelor Program, School of Public Health, University of Victoria, Victoria, BC; [in-person].*

Mentorship

- 2021- *Graduate students, Provide mentorship to masters and doctoral students across multiple research projects*
- 2020-2021 *Undergraduate and graduate students, Provided mentorship during CIHR research project, which included leading a rapid review on 'Sex and gender information in the shareable electronic health record'*
- 2020 *Undergraduate Co-op student, Met weekly to provide guidance on conducting a scoping review*
- 2019 *Undergraduate co-op student, Provided direction to support the development of a social determinants of health value set as part of a larger initiative for the Ministry of Health*
- 2018-2019 *Undergraduate student, Illustrated how to apply a theoretical lens in developing a systematic process for evaluation of health information technologies.*

Service

University

- 2021- *Coordinator & Facilitator, Health Informatics Researcher's Group, University of Michigan*
- 2021- *Consultant, Mixed Methods Workshop, University of Michigan*
- 2021 *Volunteer, Mock interviewer, Learning and Teaching in Higher Education, University of Victoria.*
- 2019-2020 *Organizing Committee, School of Nursing Research Conference, University of Victoria*

- 2020 Volunteer, Mock interviewer, *Learning and Teaching in Higher Education*, University of Victoria.
- 2014-2019 Coordinator, *Mixed Methods Research Club*, University of Victoria.
- 2019 Volunteer, Mock interviewer, *Learning and Teaching in Higher Education*, University of Victoria.
- 2015-2019 Student Representative, *Research and Scholarship Committee*, Collaboration through University of Victoria's School of Nursing and Island Health
- 2018 Volunteer, *Educational Developers Caucus 2018 Conference*, University of Victoria, February 14-16, 2018.
- 2017 Student Representative, *Assistant Teaching Professor Search*, University of Victoria, School of Public Health, April 13-18, 2017.

Academic

- 2023 Grant reviewer, *National Academies of Sciences, Engineering and Medicine*
- 2023 External Reviewer, *International Journal of Medical Informatics*
- 2022 Referee for Yearbook Selection, *International Medical Informatics Association, Yearbook of Medical Informatics, Year in Review, Inclusive Digital Health: Addressing Bias, Equity, and Literacy to Strengthen Health Systems'*
- 2022 External Reviewer, *Journal of the American Medical Informatics Association*
- 2022 External Reviewer, *Journal of Medical Internet Research*
- 2022 Grant reviewer, *National Academies of Sciences, Engineering and Medicine*
- 2021 External Reviewer, *Journal of Medical Internet Research*
- 2021 External Reviewer, *Journal of Medical Internet Research*
- 2021 External Reviewer, *International Journal of Medical Informatics*
- 2021 External Reviewer, *Journal of the American Medical Informatics Association*
- 2021 External Reviewer, *Journal of Medical Internet Research*
- 2021 External Reviewer, *Journal of the American Medical Informatics Association, for Special Focus on Informatics for Sex- and Gender-Related Health*
- 2021 Referee for Yearbook Selection, *International Medical Informatics Association, Yearbook of Medical Informatics, Year in Review, 'Managing Pandemics with Health Informatics – Successes and Challenges'*
- 2021 Sub-Committee Member, *American Medical Informatics Association's Diversity, Equity and Inclusion Task Force, Sub-Committee for 'Build an Inclusive AMIA'*
- 2020 Referee for Yearbook Selection, *International Medical Informatics Association, Yearbook of Medical Informatics, Year in Review, 'Ethics in Health Informatics'*

- 2020 External Reviewer, *Workgroup on Interactive Systems in Healthcare (WISH) Symposium at the American Medical Informatics Association conference, theme was on 'Digital health equity'*
- 2020 External Reviewer, *Journal of the American Medical Informatics Association*
- 2019 Course evaluator, *Beta-tester for Mixed Methods International Research Association MOOCS Course*
- 2019 External Reviewer, *Elsevier Healthcare*
- 2019 External Reviewer, *BMJ Open*
- 2019 Assistant Editor, *Edited 18 MedInfo Indexed Conference Papers and Posters*
- 2019 External Reviewer, *International Journal of Health Governance*
- 2018 External Reviewer, *International Journal of Health Governance*
- 2014 Volunteer, *Qualitative Health Research Conference, Victoria, BC, October 18-23, 2014.*

Policy and Community

- 2021-2022 Facilitator, *Infoway, Social Determinants of Health Working Group*, Initiated the formation of the working group in response to multiple calls from the community to work together on how social determinants of health data can be collected, used and shared in digital health systems.
- 2019-2022 Member, *Infoway, Sex and Gender Working Group*, Organizations from across Canada meet monthly to discuss the development of sex and gender standards for electronic health records
- 2019-2022 Member, *BC Ministry of Health, Health Information Standards Working Group*, Representatives from across all BC Health Authorities and Doctors of BC. Meet monthly to discuss health information standards with health authorities and clinicians across BC.
- 2019-2021 Member, *BC Ministry of Health, Core Data Set Working Group*, Representatives from across all BC Health Authorities meet monthly to discuss the development of core data sets for electronic health records. Volunteer as domain expert in developing a value set for the social determinants of health.
- 2019-2020 Member, *BC Home Health Monitoring Working Group*, Representatives from BC Ministry of Health, Island Health, Fraser Health, Interior Health, Vancouver Coastal and Telus. Met bimonthly to update the provincial tele-homemonitoring program. eHealth equity framework (Antonio & Petrovskaya, 2019) was used as a guide in developing strategies to reach underserved populations.
- 2019-2020 *Town of View Royal, Habitat Restoration*
- 2003-2008 BC Ministry of Social Development - Met biannually with policymakers to discuss policies related to assistive technology services.

2003-2008 Alberta Health Services - Met biannually with policymakers to discuss policies related to the province's assistive technology program.

Policy Development

2013 BC Ministry of Health, Seniors Action Plan Team, Practicum student on policy analyst team, Victoria, BC.

Conference Organization

2021 *Co-organizer and Facilitator*, Health Information Standards Virtual Mini Conference on the Social Determinants of Health, Co-sponsored by University of Victoria School of Health Information Science, Canada Health Infoway and Canadian Institute of Health Information

2012 *Organizer*, Fall & Injury Prevention Workshop, Nanaimo, BC.

2008 *Organizer*, Quantum Rehab Seminar Tour, 14 full day workshops across Western Canada.

2008 *Co-organizer*, Home Medical Dealers' Association of BC Education Days, Vancouver and Victoria, BC.

2007 *Co-organizer*, Home Medical Dealers' Association of BC Education Days, Vancouver and Victoria, BC.

Professional Development: Workshops and Certificates

2019 *'Integration of sex and gender-based methods and analysis in qualitative and mixed methods research'*, Nancy Poole and Lorraine Greaves, Qualitative Health Research Conference, October 26, 2019.

2019 *'Using the learning pathway grid to ensure reflexivity and optimization of data collection'*, Stuart Lane, Qualitative Health Research Conference, October 26, 2019.

2018 *'Qualitative approaches to mixed methods research inquiry: Design & analysis'*, Sharlene Hesse-Biber, Mixed Methods International Research Conference, August 25, 2018.

2018 *'Mixed methods design as a tool to enhance social justice'*, Donna Mertens, Mixed Methods International Research Conference, August 24, 2018.

2018 *'Applying dialectical pluralism in mixed methods research'*, Burke Johnson & Tony Onwuegbuzie, Mixed Methods International Research Conference, August 25, 2018.

2017 *'Data analysis in applied health research'*, Sally Thorne. Qualitative Health Research Conference, October 16, 2017.

2017 *'Capturing the digital deluge: Exploring the opportunities'*, Amanda Kenny, Qualitative Health Research Conference, October 15, 2017.

- 2017 *'Identifying invisible intersections of visible experiences'*, Andreea Brabete, Qualitative Health Research Conference, October 15, 2017.
- 2016 *'Communicating your research'*, Mitacs, April 2016.
- 2016 *'Introduction to critical realism'*, Alex Clark, Qualitative Methods Conference.
- 2016 *'Learning to approach qualitative data analysis'*, Jude Spiers, Qualitative Methods Conference.
- 2016 *'Focus groups: What they are, when to use them, and how to do it'*, David Morgan, Qualitative Methods Conference.
- 2016 *'Practical approaches to combining qualitative and quantitative methods'*, David Morgan, Qualitative Methods Conference.
- 2016 *'Interpretive description'*, Sally Thorne, University of Victoria, School of Nursing Research Conference, May 16, 2016.
- 2015 *'Lets' talk about teaching'*, University of Victoria, September 2, 2015.
- 2014 *'Developing and writing exceptional qualitative proposals for grant funding success'*, Alex Clark, Qualitative Health Research Conference.
- 2014 *'Intensive summer teaching institute'*, University of Victoria's Learning & Teaching Centre (5 days), August 18-22, 2014.
- 2013 *'Scientist knowledge translation training'*, Sick Kids Learning Institute through Island Health and the Michael Smith Foundation (2 days), November 14-15, 2013.
- 2013 *'Curriculum design institute'*, University of Victoria's Learning & Teaching Centre (5 days), July 2013.
- 2013 *'Designing learning outcomes'*, University of Victoria's Learning & Teaching Centre (1.5 days)
- 2013 *'Indigenous cultural competency'*, Provincial Health Services Authority Aboriginal Health Program
- 2013 *'Five days in May research workshop'*, Vancouver Island Health Authority

Memberships and Offices Held in Learned and Professional Societies

- 2016- *Member*, Mixed Methods International Research Association
- 2017- *Member*, American Medical Informatics Association
- 2011-2012 *Chairperson*, Home Medical Equipment Dealers' Association of BC
- 2004-2012 *Executive Board*, Home Medical Equipment Dealers' Association of BC