School of Health Information Science Graduate Completed Oral Examinations:

2026

- **Kymberlynn Lee** (2026, January). "*The Use of Wearable Devices in Assistive Living: A Scoping Review*" (Research Project). MSc Program. Supervisor: Andre Kushniruk. Committee Member: Elizabeth Borycki

- **Qing Cao** (2026, April). "*The Impact of Unified vs. Fragmented Patient Portals on Personal Health Information Use and User Perceptions in Canada*" (Research Project). MSc Program. Supervisor: Elizabeth Borycki. Committee Member: Andre Kushniruk

- **Ghita Hajjami** (2026, April). "*Implemented Solutions Addressing Fragmented Health Information Exchange and Continuity of Care Between Correctional and Community Healthcare Systems: A Scoping Review*" (Research Project). MSc Program. Supervisor: Abdul Roudsari. Committee Member: Omid Shabestari

- **Marian Kaine** (2026, April). "*Clinical Use of AI-Based Clinical Decision Support Systems (AI-CDSS) for Mental Health and Co-occurring Substance Use Disorders Treatment: A Scoping Review*" (Research Project). MSc Program. Supervisor: Abdul Roudsari. Committee Member: Don Juzwishin

- **Austin Bye** (2026, April). "*The Impact of Electronic Health Records on Interdisciplinary Team Roles and Collaboration in Emergency Departments in British Columbia: A Qualitative Interview Study*" (Research Project). MN/MSc Program. Co-Supervisors: Claudia Lai & Olga Petrovskaya

- **Catherine Tinnion** (2026, August). "*Nurses' Experiences and Training in Emergency Undocking Procedures During Robotic-Assisted Surgery: A Scoping* Review" (Research Project). MN/MSc Program. Co-Supervisors: Andre Kushniruk & Lorelei Newton

- **Ayako Nilssen** (2026, August). "*Developing h-Index Benchmarks for Canadian Health Informatics Researchers*" (Research Project). MN/MSc Program. Co-Supervisors: Karen Courtney & Damien Contandriopoulos

- **Nikki Kafal** (2026, August). "*Determining Source Category, Understandability, and Actionability of YouTube Videos on Mild Traumatic Brain Injury*" (Research Project). MN/MSc Program. Co-Supervisors: Claudia Lai & Jae-Yung Kwon

- **Bayan Khorsandnia** (2026, August). "*Clinical Decision Support Systems and Opioid Prescribing: A Scoping Review of Real-World Implementations,2018-2026*" (Research Project). MSc Program. Supervisor: Abdul Roudsari. Committee member: Omid Shabestari

2025

- **Desmond Hedderson** (2025, January). "*Canadian Paramedic Perceptions and Requirements for Adoption of Speech Recognition Technology: A Mixed Methods Study*" (Thesis). MSc Program. Supervisor: Karen Courtney. Committee Members: Helen Monkman & Ian Blanchard

- **Dennis Natembeya** (2025, March). "*Evaluating a Remote Monitoring Sleep Interface in Long Term Care Using a Combined Heuristics Approach*" (Research Project). MSc Program. Supervisor: Karen Courtney. Committee Member: Francis Lau

- **Jodi Edwards** (2025, April). "*The Effectiveness of Current Error Reporting Mechanisms in Identifying and Addressing Technology-Induced Errors in Healthcare Settings*" (Research Project). MSc Program. Supervisor: Elizabeth Borycki. Committee Member: Andre Kushniruk

- **Amy Lam** (2025, April). "*Providing Virtual Medication Therapy in Healthcare: A Scoping Review on the Perspectives and Outcomes of Virtual Care in Pharmacy Services*" (Research Project). MSc Program. Supervisor: Elizabeth Borycki. Committee Member: Andre Kushniruk

- **Christine Ray** (2025, April). "*Standardization of the Discharge Summary: An Umbrella Review*" (Research Project). MSc Program. Supervisor: Francis Lau. Committee Member: Gillian Strudwick

- **Diana Boateng** (2025, August). "*Clinical Decision Support for Vaccination Services: A Scoping Review of Emerging Systems and Usability Evaluation Approaches*" (Research Project). MN/MSc Program. Co-Supervisors: Dzifa Dordunoo & Abdul Roudsari

- **Ching Huang** (2025, August). "*An mHealth Design Framework for Older Adults*" (Research Project). MSc Program. Supervisor: Claudia Lai. Committee Member: Elizabeth Borycki

- **Yilan Shen** (2025, August). "*Supporting Successful Aging at Home: A Scoping Review of the Impact of Aging-in-Place Technologies on the Psychosocial Well-being of Older Adults Living in the Home and Community Setting*" (Research Project). MN/MSc Program. Co-Supervisors: Karen Courtney & Jae-Yung Kwon

- **Jiang (Jack) Wu** (2025, August). "*Business Intelligence Dashboards for Performance Management in Healthcare Settings: A Narrative Literature Review*" (Research Project). MSc Program. Supervisor: Alex Kuo. Committee Member: Abdul Roudsari

- **Julie Yu** (2025, August). "*Clinical Informatics Education for the Postgraduate Anesthesiology Trainee: A Scoping Review*" (Research Project). MSc Program. Supervisor: Abdul Roudsari. Committee Member: Karen Courtney

- **Tasha Kanigan** (2025, November). "*A Comparison of Health Literacy Tools: Sydney Health Literacy Lab (SHeLL)Health Literacy Editor, Grammarly and HealthLitlQ*" (Research Project). MSc Program. Supervisor: Helen Monkman. Committee Member: Abdul Roudsari

- **Junko Fukui Innes** (2025, December). "*Predicting Transition of the Next Level of Care for Aging Population with Home Support Services*" (Dissertation). PhD Program. Supervisor: Abdul Roudsari. Committee Member: Karen Courtney

- **Evelyne Liu** (2025, December). "*Clinical Informatics Competencies Most Sought-After by Canadian Employers*" (Research Project). MSc Program. Supervisor: Karen Courtney. Committee Member: Helen Monkman

- **Lonn Myronuk** (2025, December). "*Situation Awareness in Virtual and Hybrid Care: A Systematic Mapping and Synthesis Review*" (Research Project). MSc Program. Supervisor: Abdul Roudsari. Committee Member: Don Juzwishin

- **Evangeline Wagner** (2025, December). "*Understanding the Needs of Caregivers Involved in At Home Care Using SmartHome Systems for Patients with Dementia*" (Research Project). MSc Program. Supervisor: Elizabeth Borycki. Committee Member: Andre Kushniruk

2024

- **Adam Dryden** (2024, April). "*A Scoping Review of Clinically Relevant Artificial Intelligence in Anesthesiology"* (Research Project). MSc Program. Supervisor: Elizabeth Borycki. Committee Member: Andre Kushniruk

- **Sean Elliott** (2024, April). "*Environmental Scan of Canadian Sources to Determine Current National Trends in the Use of Inpatient Portals in the Acute Care Setting*" (Research Project). MSc Program. Supervisor: Karen Courtney. Committee Member: Marge Benham-Hutchins

- **Nesrine Menikh** (2024, April). "*Usability Evaluation of Three Pregnancy Mobile Health Applications Using Heuristic Evaluation and the MHealth App Usability Questionnaire"* (Research Project). MSc Program. Supervisor: Helen Monkman. Committee Member: Andre Kushniruk

- **Jack Warren** (2024, April). "*A Qualitative Study Exploring Infection Control Practitioner Perspectives on Automated Hospital Acquired Infection*

Surveillance Technology in Acute Care" (Research Project). MSc Program. Supervisor: Elizabeth Borycki. Committee Member: Andre Kushniruk

- **Catherine Webster** (2024, April). "*Impacts of Digital Health Technologies on the Patient Journey: A Scoping Review*" (Research Project). MN/MSc Program. Co-Supervisors: Jae-Yung Kwon & Francis Lau

- **Kristen Arnell** (2024, August). "*Exploratory Analysis of Hourly vs Continuous Vital Sign Data in a Neonatal Intensive Care Unit*" (Research Project). MN/MSc Program. Co-Supervisors: Anastasia Mallidou & Abdul Roudsari

- **Jonas Bambi Yona** (2024, August). "*Extracting, Analyzing and Using Patterns of Service Utilization from a Cross Continuum Health Service System to Optimize Care for Patients with Complex Issues – A Methodological Approach"* (Dissertation). PhD Program. Supervisor: Alex Kuo. Committee Members: Abraham Rudnick & Kenneth Moselle.

- **Ryan Kletke** (2024, August). "*Expanding the Hybrid Heuristic Inspection Method: A Heuristic Evaluation*" (Research Project). MSc Program. Supervisor: Elizabeth Borycki. Committee Member: Andre Kushniruk

- **Rajesh Nair** (2024, August). "*Mapping the Existing Literature on Economic Data Captured and Used within Digital Systems Utilized by Canadian Healthcare Organizations: A Scoping Review*" (Research Project). MSc Program. Supervisor: Karen Courtney. Committee Member: Francis Lau

- **Parisa Rahnema Naserabad** (2024, August). "*Automated Data Processing for Enhanced Radiation Therapy: A Study on Prostate Cancer Treatment Using RapidPlan*" (Research Project). MSc Program. Co-Supervisors: Abdul Roudsari & Dominique Fortin

- **Fiori Lee** (2024, September). "*A Scoping Review on the Effects of Mobile Applications on Safety*" (Research Project). MSc Program. Supervisor: Elizabeth Borycki. Committee Member: Andre Kushniruk

- **Emilie Rigby** (2024, September). "*Cultural Safety in Virtual Care: Improving Access to Safe, Virtual Health Care for Indigenous Peoples of Canada*" (Research Project). MN/MSc Program. Co-Supervisors: Marilou Gagnon & Karen Courtney

- **Dee Dee Wong** (2024, September). "*Predicting Emergency Department Visits in British Columbia: Applying Machine Learning to Weather, Air Quality and Health Data*" (Research Project). MSc Program. Supervisor: Alex Kuo. Committee Member: Elizabeth Borycki

- **Yaser Alqarrain** (2024, October). "*Improving Situation Awareness to Reduce Healthcare-Acquired Urinary Tract Infection*" (Dissertation). PhD Program. Supervisor: Abdul Roudsari. Committee Members: Karen Courtney & Jim Tanaka

- **Andrew McClure** (2024, November). "*Clinical Use and Impact of Vocabulary/Technology, Content, and Transport Standards in Diagnostic Imaging - A Scoping Review*" (Research Project). MSc Program. Supervisor: Francis Lau. Committee Member: Omid Shabestari

- **Victoria Obress** (2024, November). "*The Current State of Artificial Intelligence in Primary Care: A Rapid Umbrella Review*" (Research Project). MSc Program. Supervisor: Francis Lau. Committee Member: Dennis Lee

- **Ye Rhim Kim** (2024, November). "*A Scoping Review of Telehealth Interventions for People Experiencing Homelessness: Stakeholder Perspectives, Facilitators and Barriers*" (Research Project). MSc Program. Supervisor: Abdul Roudsari. Committee Member: Don Juzwishin

- **Ryan Gibson** (2024, December). "*The State of Electronic Health Record Use in Canadian Long-term Care Homes through a Clinical Adoption Framework Lens -A Scoping Review*" (Research Project). MSc Program. Supervisor: Karen Courtney. Committee Member: Francis Lau

- **Haopeng Ren** (2024, December). "*A Scoping Review on Using Natural Language Processing to Extract Unstructured Data from Electric Health Records*" (Research Project). MSc Program. Supervisor: Abdul Roudsari. Committee Member: Alex Kuo

2023

- **Melissa Tan** (2023, January). *"Electronic Referrals to Initial Oncology Consultation: A Scoping Review"* (Research Project). MSc Program. Supervisor: Alex Kuo. Committee Member: Don Juzwishin

- **Stephanie Cabrera** (2023, April). *"The Impact of Wearable Devices on Managing Chronic Musculoskeletal Pain in Older Adults: A Scoping Review"* (Research Project). MN/MSc Program. Co-Supervisors: Anastasia Mallidou & Helen Monkman

- **Shauna Donaldson** (2023, April). *"Scoping Review of Barcode Medicine Administration: Effects of Technology, Policies and Procedures on Workarounds and Medication Administration Errors"* (Research Project). MN/MSc Program. Co-Supervisors: Anastasia Mallidou & Elizabeth Borycki

- **Dane Schrader** (2023, April). *"Promise & Challenge: Perceptions of AI in Canadian Healthcare"* (Research Project). *MSc Program*.

Supervisor: Abdul Roudsari. Committee member: Don Juzwishin

- **Madison Colterman** (2023, July). *"How are Electronic Health Record Systems Being Used in Undergraduate Nursing Programs? A Scoping Review"* (Research Project). MN/MSc Program. Co-supervisors: Andre Kushniruk & Anastasia Mallidou

- **Siju Madhavasseril** (2023, August). *"Current State of Electronic Prescribing in Canada- A Scoping Review"* (Research Project). MSc Program. Co-supervisors: Francis Lau & Karen Courtney

- **Jerome Canete** (2023, August). *"Evaluation of a Patient-Facing Online Symptom Checker Using a Hybrid Inspection Method with Expanded Criteria's for Cultural Safety, Diversity, Inclusivity, and Readability"* (Research Project). MSc Program. Supervisor: Elizabeth Borycki. Committee member: Andre Kushniruk

- **Ei Sandar Phyo** (2023, October). "*Scoping Review of Patient-Centered Personal Health Records (PHRs) Integrating with Electronic Health Records (EHRs): Models, Challenges, Perceptions, and Effects on Patients and Healthcare Providers"* (Research Project). MSc Program. Supervisor: Alex Kuo. Committee member: Elizabeth Borycki

- **Alan Sobey** (2023, December). *"Modelling the Flow of Patients through the Cardiovascular Surgery Intensive Care Unit"* (Research Project). MSc Program. Supervisor: Abdul Roudsari. Committee member: Omid Shabestari

2022

- **Sue Ling (Linda) Li** (2022 February). *"National Survey of Canadian Nurses From 2014 to 2020"* (Research Project). MSc program. Supervisor: Elizabeth Borycki. Committee Member: Andre Kushniruk

- **Pat Gullayanon** (2022 March). *"Multi-Method Simulation of a New Quaternary Mental Health Facility"* (Research Project). MSc program. Supervisor: Abdul Roudsari. Committee Member: Omid Shabestari

- **Masooma Hassan** (2022 April). *"Barriers and Facilitators of Artificial Intelligence Adoption in Healthcare"* (Research Project). MSc program. Supervisor: Andre Kushniruk. Committee Member: Elizabeth Borycki

- **Karen Stelmack** (2022 April). *"The Impact of Cognitive Load on An Acute Care Nurse's EPR Use – A Scoping Review" (*Research Project). MSc program. Supervisor: Andre Kushniruk. Committee Member: Elizabeth Borycki

- **Alexandr Gavrilov** (2022 August). *"Predictive and Prognostic AI Models Based on Image Modalities in COVID-19 Setting: A Scoping Review"* (Research Project*)*. MSc program. Supervisor: Abdul Roudsari. Committee Member: Omid Shabestari

- **Sara Tahsiniaraghi** (2022 August). *"Reference Architecture Frameworks for Chronic Disease Management Solutions"* (Research Project). MSc program. Supervisor: Abdul Roudsari. Committee Member: Alex Kuo

- **Tonie Castro** (2022 November). "*Usability Inspection of Strava, Fitbit, and Nike Run Club Mobile Health Fitness Apps: A Hybrid Method Using Heuristic Evaluation with Cognitive Walkthrough"* (Research Project*)*. MSc program. Supervisor: Helen Monkman. Committee Member: Andre Kushniruk

- **Amirav Davy** (2022, December). *"Adoption of COVID-19 Predictive Models for Strategic Care and Hospital Resource Planning: A Qualitative Interview Study"* (Research Project). MSc Program. Supervisor: Elizabeth Borycki. Committee Member: Andre Kushniruk

- **Melissa Skirten** (2022, December). *"Designing Remote Patient Monitoring to Optimize Care for Hypertensive Disorders of Pregnancy: A Rapid Review"* (Research Project). MN/MSc Program. Co-supervisors: Debra Sheets & Alex Kuo

- **Kara Turley** (2022, December). *"A Mobile Health Application to Increase Access to Services by Family Caregivers of Older Adults"* (Research Project). MN/MSc Program. Co-supervisors: Debra Sheets & Karen Courtney