

School of Health Information Science Graduate Completed Oral Examinations:

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

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- **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