

Alex Lukey

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Education

UNIVERSITY OF BRITISH COLUMBIA

Ph.D., Population and Public Health, 2021-present, (Average 90%)

- Canada Graduate Scholarships-Doctoral Program recipient (ranked in the top 2% of those awarded), Killam Scholar (most prestigious award available to graduate students at UBC)

UNIVERSITY OF BRITISH COLUMBIA OKANAGAN

Master of Science, Nursing, Thesis Track, 2021; Bachelor of Science, Nursing, 2018

- Canada Graduate Scholarships-Master's Program recipient

Research Experience

UNIVERSITY OF BRITISH COLUMBIA

Ph.D. Student, 2021-current

Doctoral Research: "Preventing Ovarian Cancer: Human vs. Machine Intelligence"; creating an ovarian cancer prediction algorithm to be compared to an investigator-driven model for predicting ovarian cancer using population-based data

- Performed statistical analysis (data extractions, manipulation, summarization, and analysis) on data sets using Excel, SAS, and R
- Prepared and delivered presentations on work at numerous scientific conferences
- Co-supervised undergraduate honour's thesis that used population-based data

Master's Researcher, 2019-2021

- Master's thesis "Gamification of eHealth self-care education in a heart failure population"; designed, built, and tested an education website using a mixed-method research design
- Co-investigator on the CIHR Women's Health Clinical Mentorship Grant, co-wrote grant, performed data analysis and prepared presentation of the results

Research Assistant 2017-2021

- *Supporting integration through primary health care teams: A comparative policy analysis across four Canadian provinces*, Primary Investigator - Dr. Nelly Oelke
 - Led policy analysis, collaborating with teams across four provinces
- *Virtual Atrial Fibrillation Clinic*, Primary Investigator - Dr. Kathy Rush
 - Literature review, assisted in website building, manuscript preparation

Skills

Software: SAS, R, SPSS, SQL, MS Office, and NVIVO

Web Design: WordPress and Squarespace

Additional Experience

BLOG COORDINATOR– Women's Health Research Cluster, 2020-2021

- *Wrote/edited blogs for a lay audience, created writing guidelines, and recruited new authors. During term, blog was ranked **9th worldwide** in best Women's Health Blogs by FeedSpot*

REGISTERED NURSE, 2018-2022

- Worked in clinical specialties including cardiology, cardiac surgery, and general medicine

TEACHING ASSISTANT, UBC, 2017, 2021

- Supported learning in the classroom and evaluation of assignments and final papers
- Mentorship of nursing students in clinical knowledge and skills in a lab setting

Leadership

GYNECOLOGIC CANCER INITIATIVE – Knowledge Translation Committee, May 2021-Current

- Participated in planning content; solicited, wrote, and edited articles related to gynecologic cancer

WOMEN'S HEALTH RESEARCH CLUSTER – Trainee Co-Lead, January 2020-Current

- Provided feedback on cluster strategic direction. Organized and co-led the quarterly trainee research knowledge translation sessions

Select Publications (3 of 9)

Lukey A, Mackay M, Hasan KM, Rush K. Gamification of Heart Failure Self-Care Education: A Mixed-Method Approach. (Under review)

Long A, Kaur P, **Lukey A**, et al., Reoperation and Pain-Related Health Services Utilization After Hysterectomy for Endometriosis with Bilateral, Unilateral or No Oophorectomy. *American Journal of Obstetrics and Gynecology*. (Accepted)

Lukey A, Johnston S, Montesanti S, et al. Facilitating integration through team-based primary healthcare: A cross-case policy analysis of four Canadian provinces. *International journal of integrated care*. 2021; 21(4): 1–12

Select Presentations (3 of 13)

Lukey A, Penfound S, Hodgson J, Hopman W, Hanley G, Othman M. The incidence and risk factors of venous and arterial thrombosis in ovarian cancer patients: Results from a population database. Presented at: International Society on Thrombosis and Haemostasis (ISTH) 2022 Congress: London, United Kingdom. 2022

Lukey A. Gamification - No Fun Allowed. Presented at: 5th Fuse International Conference on Knowledge Exchange in Public Health: Newcastle, United Kingdom. 2022

Lukey A., Stuart G., Hanley G. Impact of Hormone Therapy Use on Survival Outcomes of Ovarian Cancer in British Columbia. Presented at: Canadian Conference on Ovarian Cancer. 2021. *Awarded best master's presentation out of ~ 40 presenters*