In this issue we highlight our faculty and student awards, recognitions, presentations and publications. In addition, we have been busy with hosting our spring seminar series and future newsletters will have more information about upcoming seminar presentations, so stay tuned (the recordings will also be made available on the School's Youtube channel).

- **Andre Kushniruk,** Director and Professor of the School of Health Information Science

News and Events

Graduate Certificate Health Terminology Standards Information Sessions

Join us for a half-hour online information session, hosted by **Dr. Francis Lau**, to learn more about this program.

Session 1 – March 3rd, 2022 @ 12pm PT
Zoom link

Session 2 – March 23rd, 2022 @ 9am PT
Zoom link

For more details visit here

Seminar Series

Dr. John Chelsom's seminar on "Structured Health Records as the Foundation for Artificial Intelligence in Medicine" will be available for review on youtube soon. Stay tuned!

Read More

Join our upcoming seminar with **Dr. Toni Mitovski**, Economist/Researcher at the Ministry of Health in Victoria, BC, on "Predicting 30-day Hospital Readmissions for Patients Diagnosed with Mental Health or Substance Use Conditions: Logistic Regression vs. Machine Learning Approach." on March 9th, 2022 @ 11AM PST.
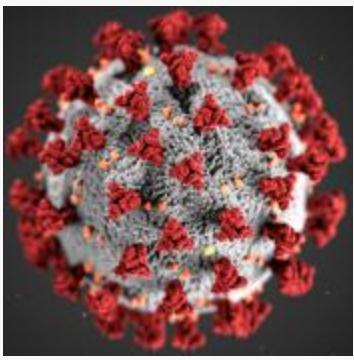
Zoom Link and Read More

Join our upcoming Seminar with presenter **Dr. Lukasz Mazur**, Director of Healthcare Engineering Department at the Radiation Oncology Department in the UNC School of Medicine on **"Chasing 'Zero' Harm and Excellence in Patient Care."** - March 17th, 2022 @ 12PM PST

Zoom link

Read More

Local News

University of Victoria School of Health Information Science Professor **Dr. Elizabeth Borycki** says the pandemic has accelerated advances in patient-centred information technology.

Read More:
https://www.saanichnews.com/news/covid-driving-evolution-of-health-information-technology-uvic-expert/

Awards and Recognitions

Congratulations to **Madeleine Franciosi** who was chosen as the **2021 HINF Co-op Student of the Year**! In 2021, Madeleine worked at Gevity Consulting as an Analyst. Madeleine embodies the true spirit of Co-op and teamwork. Not only is she an excellent student academically and in the workplace, she has also supported her fellow students by taking on the role of President for the HINF Course Union.
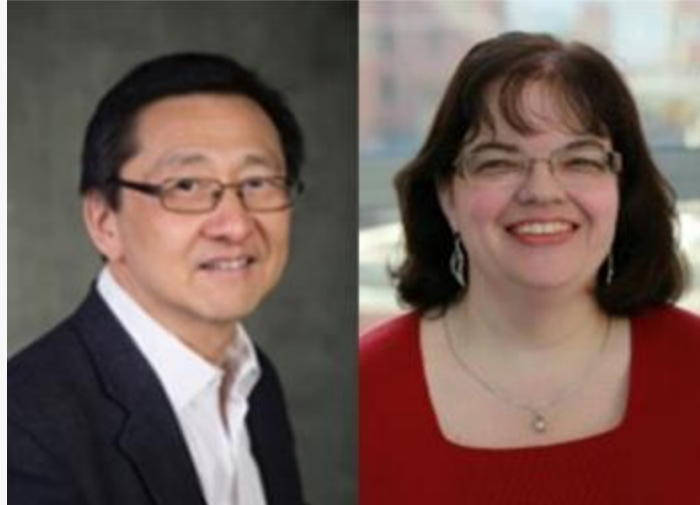

Congratulations to our students for publishing outstanding papers!

(From left to right: Amanda Joseph, Cindy Li, Evangeline Wagner, Joe Walsh, Kelly Davison, Roz Queen) For more information on student publications see "Faculty and Student Publications" below

Congratulations!

Congratulations to **Dr. Jochen Mohr**, **Dr. Denis Protti (and Pat)**, **Dr. Andre Kushniruk** and **Dr. Elizabeth Borycki** on their inclusion in the International Medical Informatics Association History Book for their **pioneering research in health informatics** see - https://imia-medinfo.org/wp/history-book/

Congratulations to **Dr. Karen Courtney** and **Dr. Francis Lau** for receiving a research grant from CIHR focused on **Novel Methods for Equitable People-centred Health Measurement:** Read More

Congratulations to Faculty and Students of School of Health Information Science: **Francis Lau, Karen Courtney and Kelly Davison, Kareen Hall**, on their work on Canada Health Infoway on the Social Determinants of Health. Their work includes developing practices and strategies for implementing social determinants of health concepts and digital health systems.

Faculty and Student Publications

Evaluation Frameworks

Joseph AL, Stringer E, **Borycki EM**, **Kushniruk AW**. Evaluative Frameworks and Models for Health Information Systems (HIS) and Health Information Technologies (HIT). Stud Health Technol Inform. 2022 Jan 14;289:280-285. https://doi.org/10.3233/SHTI210914

Human Factors: Safety

Borycki EM, **Kushniruk AW**. A Safety Maturity Model for Technology-Induced Errors. Stud Health Technol Inform. 2022 Jan 14;289:447-451. https://doi.org/10.3233/SHTI210954

Borycki, E. (2021). North America: Elizabeth Borycki. In Kulikowski C., Mihalas G I, Greenes R A, Park H-A, Yácubsohn, V. (Eds.). International Medical Informatics and the Transformation of Health Care https://imia-medinfo.org/wp/history-book/

Walsh JM, **Borycki EM**. A Resilience Model for Moderating Outcomes Related to Electronic Medical Record Downtime. Stud Health Technol Inform. 2022 Jan 14;289:434-438. https://doi.org/10.3233/SHTI210951

Human Factors: Usability

Kushniruk, A. (2021). North America: Andre Kushniruk. In Kulikowski C., Mihalas G I, Greenes R A, Park H-A, Yácubsohn, V. (Eds.). International Medical Informatics and the Transformation of Health Care https://imia-medinfo.org/wp/history-book/

Robotics

Wagner E, **Borycki EM**. The Use of Robotics in Dementia Care: An Ethical Perspective. Stud Health Technol Inform. 2022 Jan 14;289:362-366. https://doi.org/10.3233/SHTI210934

Standards: Sex, Gender and Sexual Orientation

Antonio M, **Lau F**, **Davison D**, Devor A, **Queen R**. **Courtney K**. Toward an inclusive digital health system for sexual and gender minority people in Canada. Journal of American Medical Informatics Association 2021; 29(2): 379-84.https://doi.org/10.1093/jamia/ocab183

Lau F. An action plan to modernize gender, sex and sexual orientation information practices in Canadian electronic health record systems. Canadian Journal of

Community Mental Health 2021; 40(3). https://doi.org/10.7870/cjcmh-2021-022

Virtual Care

Li CZ, **Borycki EM**, **Kushniruk AW**. Connecting the World of Healthcare Virtually: A Scoping Review on Virtual Care Delivery. Healthcare (Basel). 2021 Oct 5;9(10):1325. https://doi.org/10.3390/healthcare9101325

Wilkinson S, **Borycki EM**. Designing an Electronic Shared Care Plan to Enable Person-Centred, Team-Based Home Care. Stud Health Technol Inform. 2022 Jan 14;289:102-105. https://doi.org/10.3233/SHTI210869
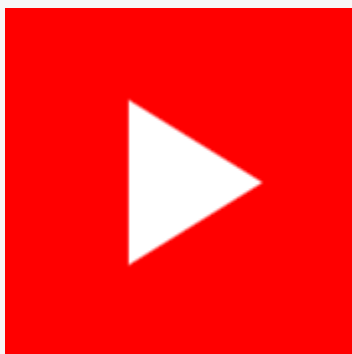
Faculty Presentations

The Women's Health Research Institute (WHRI) are the BC Children's Hospital Research Institute (BCCHR) are collaborating to host a digital health education series. **Helen Monkman** spoke for this seminar series on February 3, 2022. Dr. Helen Monkman's presentation slides on Applying Human Centred Design for Better Digital Health Interventions can be viewed at: https://whri.org/our-services/digital-health-hub/digital-health-learning-corner/

Dr. Elizabeth Borycki presented on **Evaluating Health Information Systems: Methods and Considerations** for the Women's Health Research Institute (WHRI) virtual learning series. Her presentation can be viewed at - https://whri.org/our-services/digital-health-hub/digital-health-learning-corner/

Professional Development

Update your skills and learn about **Tableau**, **PowerBI** and **Big Data Mining** by reviewing online recordings by **Dr. Dillion Chrimes** and **Dr. Alex Kuo**

Dr. Dillion Chrimes : Tableau and PowerBI - VADA Program Workshop

Dr. Alex Kuo: Big Data Mining Concepts, Techniques and Practice - VADA Program Workshop

Books, Tools and Toolkits

Dr. Abdul Roudsari's research provides insights into automation bias. Learn about how you can **optimize clinical decisions support systems to address automation bias** by reading his systematic review at https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3240751/

Experiential Learning and Co-op

Featured Co-op Students

Jenny Yu is currently working with the Ministry of Health's Alternative Payments Program (APP). This team is tasked with establishing, analyzing, and reconciling physician contracts. Some of the tasks she's done are supporting APP's financial processes such as the year-end reconciliation, revising quarterly forecast templates, and studying historic utilization of APP funding to support policy making.

Tianna Smids-Dyk, a 21-year-old student born and raised within walking distance to campus, is now in the BSc degree with the School of Health Information Science. She worked for the Red Cross at Island Health's Lake Cowichan clinic, held at the local community centre, gathering and inputting client information into the Island Health data management system. "It was a really valuable experience having patient contact," she says. "Definitely a story I'll take with me further down the road."

Co-op Hiring

Considering a Co-op student? Typical Health Information Science Co-op jobs include:

+ Business applications analyst
+ Clinical applications student
+ Go-live support
+ Health business consultant
+ Health data analyst
+ Health systems analyst

The hiring process is simple. If you are interested in learning more about hiring please contact the Health Information Science Co-op office hiscoop@uvic.ca

Co-op Funding Opportunities

Co-op Funding Update: BioTalent
The Federal government's Student Work Placement Program (SWPP) provides up to 50% of the student's wages (to a maximum of $5,000) or 70% (to a maximum of $7,000) for students from underrepresented groups which includes female STEM students, first year students, indigenous students, student with a disability, visible minorities and newcomers to Canada.

SWPP has 12 funding partners who deliver the funding across Canada based on industry sector. Each funding partner has different application processes and there are some slight differences in criteria.

- Consider applying to [BioTalent Canada](#)

Employers, uncertain if your job qualifies? Contact Colleen at 1-866-243-2472, ext. 218 or askme@biotalent.ca

- You have to apply for the funding before the student starts their job.
- Multiple grants are possible eg. Hire two students and receive two grants.

- Student eligibility: This Federal program is only available to students who are Canadian citizens, Permanent Residents or students who have refugee status. International students are not eligible for this funding.

Employers have told us that the application process takes 15-20 minutes to complete. Grants are allocated on a first-come, first-served basis so you are encouraged to apply as soon as possible. Should you not find a suitable student for your position, simply inform the funding partner that you do not need the grant.

Educational Program Deadlines

Health Terminology Standards Graduate Certificate

Apply by June 1st 2022 for September 2022 entry
Read more and Apply Now

Undergraduate Degree Admission

Learn more about:

- BSc in Health Information Science
- BSc in Health Information Science and Computer Science

Apply by September 30th 2022 for January 2023 entry
Read more and Apply Now

or contact his@uvic.ca for application information

Graduate Degree Admission

Learn more about:

- MSc in Health Informatics
- Master of Nursing and MSc in Health Informatics
- PhD in Health Informatics

Apply by December 1st 2022 for September 2023 entry
Read more and Apply Now

Donors

Denis and Pat Protti Endowment Award

In 2004, a group of generous donors came together to honour Denis and Pat Protti's contributions to the Canadian healthcare system.

[Apply Here](#)

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We acknowledge and respect the ləkʷəŋən peoples on whose traditional territory the University of Victoria stands, and the Songhees, Esquimalt and W̱SÁNEĆ peoples whose historical relationships with the land continue to this day.