

Health Information Science

Issue 4: 06/22/2021



Social Media Committee

Over the past few months the School of Health Information Science Social Media Committee has been working to connect with our students, alumni and health informatics community! There are many opportunities to connect and collaborate with the School! Follow us on our social media channels and sign up to receive our newsletter to learn more about our educational programs, cutting edge research, new courses and professional development opportunities as well as experiential learning! Thank you to **Sherry Zhang**, **Olena Marun**, **Sandy Polomark**, **Jason Bond**, **Maria Orrego Diaz**, and **Elizabeth Borycki** for their continued hard work in connecting and supporting our community!!

~ Andre Kushniruk, Director and Professor, School of Health Information Science, UVic

News and Events

Data Science Summer School



Stay tuned for the Visual Automated Disease Analytics (VADA) Summer School. The VADA Program trains the next generation of health informatics and computational science graduate students to translate complex health data into insights that can be used to improve the health of populations and support health professional decision making.

Read more

Seminars



One Person One Record Program

Join us for our seminar with **Keltie Jamieson**, Senior Director, One Person One Record Program IWK Health Centre & Nova Scotia Health Authority -Nova Scotia - One Person One Record Program, June 24th @ 5PM PST

Read more

News, Awards and Recognitions



Melissa Skirten

Melissa Skirten is a Masters of Nursing and Masters of Health Informatics student. Melissa plans to use her clinical experience to inform the design, development and implementation of health technologies. Melissa is the recipient of the Denis and Pat Protti Scholarship.



Amirav Davy

Amirav Davy is a Masters of Health Informatics student. His research focuses on how effectively healthcare organizations adopted COVID-19 predictive models for strategic care and hospital resource planning. His passion for health informatics extends to deployment of predictive analytics, dashboard usability and assessing the value of emerging digital health tools. Amirav is a recipient of the Denis and Pat Protti Scholarship.

Research in the News!



Medical Assistance in Dying

Dr Karen Courtney is the Principal Investigator for UVic Internal Grant (May 2021 - Apr 2022) on Understanding Medical Assistance in Dying (MAiD) utilization differences across British Columbia Health Authorities.

Evaluating and Advancing Covid-19 Health Information Technology Response

Dr. Andre Kushniruk and **Dr. Elizabeth Borycki** are co-investigators on the Agency for Healthcare Research and Quality grant entitled "Evaluating and Enhancing Health Information Technology for COVID-19 Response Workflow" which is taking place at the State University of New York in Brooklyn, USA.



Faculty and Student Publications



Design Thinking

Lesselroth B, Park H, **Monkman H**, Duncan A, Thompson G, Yarnall R. Designing Shift Handoff Software: Clinical Learners and Design Students Collaborate Using the "Design Thinking" Process. Stud Health Technol Inform. 2021 May 27;281:974-978. https://doi.org/10.3233/SHTI210323

eHealth Literacy and Consumer Informatics

Monkman H, Griffith J. A Tale of Two Inspection Methods: Comparing an eHealth Literacy and User Experience Checklist with Heuristic Evaluation. Stud Health Technol Inform. 2021 May 27;281:906-910. https://doi.org/10.3233/SHTI210310

Monkman H, Macdonald L, Griffith J, Lesselroth B. A User Experience and eHealth Literacy Inspection of a Lab Test Interpretation Mobile App for Citizens. Stud Health Technol Inform. 2021 May 27;281:947-951. https://doi.org/10.3233/SHTI210318

Health Information Standards

Lau, F. (2021). A Commentary on the Action Plan to Modernize Gender, Sex and Sexual Orientation Information Practices in Canadian Digital Health Systems. Canadian Journal of Emergency Nursing, 44(1), 24–27. https://doi.org/10.29173/cjen121

Human Factors

Campbell JL, **Monkman H**. The Application of a Novel, Context Specific, Remote, Usability Assessment Tool to Conduct a Pre-Redesign and Post-Redesign Usability Comparison of a Telemedicine Website. Stud Health Technol Inform. 2021 May 27;281:911-915. https://doi.org/10.3233/SHTI210311

Public Health Informatics and Covid-19

Borycki EM, **Kushniruk AW**, Kletke R, Vimarlund V, Senathirajah Y, Quintana Y. Enhancing Safety During a Pandemic Using Virtual Care Remote Monitoring Technologies and UML Modeling. Yearb Med Inform. 2021 Apr 21. https://doi.org/10.1055/s-0041-1726485

Fernandez-Luque L, **Kushniruk AW**, Georgiou A, Basu A, Petersen C, Ronquillo C, Paton C, Nøhr C, Kuziemsky CE, Alhuwail D, Skiba D, Huesing E, Gabarron E, **Borycki EM**, Magrabi F, Denecke K, Peute LWP, Topaz M, Al-Shorbaji N, Lacroix P, Marcilly R, Cornet R, Gogia SB, Kobayashi S, Iyengar S, Deserno TM, Mettler T, Vimarlund V, Zhu X. Evidence-Based Health Informatics as the Foundation for the COVID-19 Response: A Joint Call for Action. Methods Inf Med. 2021 May 11. https://doi.org/10.1055/s-0041-1726414

Griffith J, Marani H, **Monkman H**. COVID-19 Vaccine Hesitancy in Canada: Content Analysis of Tweets Using the Theoretical Domains Framework. J Med Internet Res. 2021 Apr 13;23(4):e26874. https://doi.org/10.2196/26874

Faculty Presentations

Courtney, K. L., Beuthin, R., **Bliss, G.**, **Fukui Innes, J.**, & **Klepsch, A.** (2021, April). Exploring Age-Standardized MAiD Rates in Island Health Authority, CAMAP, Virtual Conference.

Spina, S., Hainstock, T., McMillan, T., Cartwright, J., Haddadi, R., Tierney, S., Mukai, S. K., Riddle, B., Thompson, L., Harder, C., **Borycki, E.**, Forbes, D., Huffman, S., **Kushniruk, A.**, McKelvey, T., Zeron-Mullins, M. (2021). Engaging Patients and Families as Partners: A Canadian Approach to Developing, Implementing and Evaluating Hospital at Home. World Hospital at Home Congress Virtual, April 19-21,2021.

Professional Development



Clinical Decision Support Systems - What Makes

CDSS Trustable - Professor Jeremy

Wyatt, University of Southampton · Wessex Institute
for Health Research and Development

To Learn More

Books, Toolkits, and Tools



Kamel Boulos MN, Harvey FE, **Roudsari AV**, Bellazzi R, Hernando ME, Deutsch T, Cramp DG, Carson ER. A proposed semantic framework for diabetes education content management, customisation and delivery within the M2DM project. Comput Methods Programs Biomed. 2006 Sep;83(3):188-97.

https://doi.org/10.1016/j.cmpb.2006.07.003

Experimental Learning and Co-op



Canadian Red Cross

The Canadian Red Cross is providing non-clinical technology and workflow support to provincial and local health authorities as British Columbia's mass immunization plans accelerate.

The School of Health Information Science has 18 summer Co-op students working on the front lines as Emergency Care Workers for the Red Cross. Our students are supporting and reinforcing health and safety protocols with clients and working with registration data.

Health Information Science Co-op students are now available for Fall 2021 Co-ops (Sept-Dec). Our students are trained to assist with workflows, data analysis, databases, reporting, IT training, and more!

If you are interested in learning more about hiring please contact the Health Information Science Co-op office histoop@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 <u>BioTalent Canada</u>

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

Undergraduate Degree Admission

Learn more about:

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

Apply by September 31st 2021 for January 2022 entry Read more and Apply Now

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 2021 for September 2022 entry Read more and Apply Now

Health Terminology Standards Graduate Certificate

Apply by June 1st 2021 for September 2021 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

Scholarships and Awards



Apply Now!

If you require financial aid, consider applying for the Health Information Science <u>undergraduate</u> and <u>graduate</u> awards and scholarships. **Applications are due June 30th.**

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