IT'S GREAT TO BE BACK TOGETHER!

News, Awards and Recognitions

The **VADA** Program

Visual and Automated Disease Analytics Graduate Training Program

VADA Graduates

Amr Farghali won the "**Student Research Presentation Award**" for his research on "**The Impact of Electronic Prescribing on Medication Errors and Productivity in Community Pharmacies**". He led the team that won the **2021 Data Science Challenge** that developed the **"COVID-19 Vaccine Uptake across Regional Health Authorities in Manitoba: A Health Equity Lens Perspective".** Amr and his team created a dynamic, interactive dashboard using Microsoft Power BI that is directly linked to the government of Manitoba geoportal to create real time updates.

Amirav Davy studied predictive modeling and statistical techniques such as propensity score analysis during his Visual and Automated Disease Analytics (VADA) training that were applied to understanding risk factors among diabetes patients for a 30-day readmission and specifically the impact of skilled nursing facility (SNF) discharges and medication changes on readmissions.

Ryan Kletke's research involves comparing e-commerce websites that provide medical devices and equipment to create new interface designs that expedite and simplify the selection of medical devices and equipment for patients and health professionals.

Congratulations!

Congratulations to **Floriane Shala**, **Evangeline Wagner**, and **Yichun Zhao** on their project which focused on creating a theoretical framework and UI mockup for an educational EHR with a configurable user interface. Their abstract was accepted for presentation to the Multidisciplinary Care Conference hosted by the International Federation for Spina Bifida and Hydrocephalus.

Faculty and Student Publications

eMental Health

McNeely J, Adam A, Rotrosen J, Wakeman SE, Wilens TE, Kannry J, Rosenthal RN, Wahle A, Pitts S, Farkas S, Rosa C, Peccoralo L, Waite E, Vega A, Kent J, Craven CK, Kaminski TA, Firmin E, Isenberg B, Harris M, **Kushniruk A**, Hamilton L. Comparison of Methods for Alcohol and Drug Screening in Primary Care Clinics. Journal of the American Medical Association. 2021 May 3;4(5):e2110721. doi: 10.1001/jamanetworkopen.2021.10721. PMID: 34014326; PMCID: PMC8138691.

Health Information Standards | Sex and Gender

Lau F. A Call for Action to Modernize Gender, Sex and Sexual Orientation Information Practices in Canadian Electronic Health Records. Accepted for publication by Canadian Journal of Cardiovascular Nursing 2021. http://www.cccn.ca/media.php?mid=50365

Nursing Informatics

Borycki, E M, Frisch, N C (2019). Nursing Informatics, Health Information Technologies, and Nursing. In D. Gregory, C. Raymond-Seniuk and L. Patrick (Eds.). Canadian Fundamentals in Nursing. Toronto: Lippincott.

Usability and User Engagement

Paton C, **Kushniruk AW**, **Borycki EM**, English M, Warren J. Improving the Usability and Safety of Digital Health Systems: The Role of Predictive Human-Computer Interaction Modeling. J Med Internet Res. 2021 May 27;23(5):e25281. https://doi.org/10.2196/25281

Pinkney, S., Van Rooij T., Longstaff, H., Verchere, B., **Borycki, E.**, **Kushniruk, A.**, Gorges, M., Portales-Casamar W., Virani A., Wasserman W., Amed S. (2001, June 2-5). Trustsphere A Trusted, Secure and Privacy Respecting Healthcare, Environment Realized for Everyone: User Engagement to Build the Trust Layer in Digital Health for Type 1 Diabetes. The Official Journal for Advanced Technologies and Treatments for Diabetes A-141

Virtual Care

Vimarlund V, **Borycki EM**, **Kushniruk AW**, Avenberg K. Ambient Assisted Living: Identifying New Challenges and Needs for Digital Technologies and Service Innovation. Yearb Med Inform. 2021 Apr 21. https://doi.org/10.1055/s-0041-1726492

Books, Toolkits and Tools

Faculty Invited Talks

Borycki, E. M. (June 29, 2021). Health technology: The state of the art in safety science. Centre for Biomedical and Health Informatics Research Seminar Series. June 29, 2021, Mt Sinai Health System, New York, New York, United States.

Courtney, K.L. (2021, May) Canadian Healthcare System and COVID-19, Academy of Lifelong Learning, Virtual lecture and discussion session, Canada.

Experiential Learning and Co-op

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

Donors

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

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 2022 for September 2022 entry
[Read more](#) and [Apply Now](#)

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 [undergraduate](#) and [graduate](#) awards and scholarships.

Are you enjoying this newsletter?

Please let us know if you have any feedback @ hinfworkstudy@uvic.ca

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.