News and Events

UNIVERSITY OF VICTORIA

CONGRATULATIONS, HINF GRADUATES!

Class of 2021 | School of Health Information Science

Congratulations HINF Grads! I know you are looking forward to exciting careers and we wish you the best. This has been a challenging year and you have made it through right to the end – congratulations!! Please stay in touch and let us know about your achievements and adventures over the years and welcome to our extensive and collegial network of HINF alumni (now over 1000 and growing)!

~ Andre Kushniruk, HINF Director

The VADA Program

Visual and Automated Disease Analytics
Graduate Training Program

Visual Automated Disease Analytics (VADA) Summer School (July 13-15)

If you would like to attend please register in advance for the VADA Program Summer School presentations:
https://uvic.zoom.us/meeting/register/tZcpdOiqqD8qHtzJ84D_BDFsdS2z2Ya0HgQ8

Our Speakers Include:

Informing the Advancement of Digital Health with Research and Measurement
Speakers: **Simon Hagens** (MBA; Director, Performance Analytics, Canada Health Infoway), **Bobby Gheorghiu** (BBA MHSc CPHIMS-CA; Canada Health Infoway) & **Barry Xu** (BESc and MEng; Data Science Analyst, Canada Health Infoway)

Digital Health in Canada
Speaker: **Mark Casselman** (Chief Executive Officer, Digital Health Canada)

Biomedical AI: Its Roots, Evolution, and Agenda for the Future
Speaker: **Dr. Edward H. (Ted) Shortliffe** (MD, PhD, MACP, FACMI, FIAHSI; Chair Emeritus and Adjunct Professor, Department of Biomedical Informatics, Columbia University; President and CEO Emeritus, American Medical Informatics Association (AMIA); Adjunct Professor, Arizona State University and Weill Cornell Medical College; Editor Emeritus, Journal of Biomedical Informatics (Elsevier))

Human-Centered AI: Supporting User Control & Visualization
Speaker: **Dr. Ben Shneiderman** (PhD; Emeritus Distinguished University Professor, Department of Computer Science, Founding Director, Human-Computer Interaction Laboratory and a Member of the UM Institute for Advanced Computer Studies (UMIACS), University of Maryland; Fellow of the AAAS, ACM, IEEE, NAI, and the Visualization Academy and a Member of the U.S. National Academy of Engineering).

Examples of the Application of Data Science in the Management of Covid-19 Within the BC Ministry of Health
Speaker: **Martin Wright** (M.Sc.; Assistant Deputy Minister, Health Sector Information, Analysis and Reporting, BC Ministry of Health)

Adventures in Analytics: Building a Healthcare Improvement Team
Speaker: **Michael Li** (MHSc; Regional Director, Decision Support System Improvement and Quality Analytics, Vancouver Coastal Health)

Canada's Health TECH Industry – Opportunities & Collaboration
Speaker: **Elaine S. Huesing** (Executive Director, TECHNATION's Health division; Chief Executive Officer, International Medical Informatics Association (IMIA); Owner, Editor, and Publisher of Healthcare Information Management & Communications Canada Inc.)

eXplainable AI - Towards Self-Assessment Methods for Machine Learning Systems
Speaker: **Dr. Riccardo Bellazzi** (PhD; Direttore del Dipartimento di Ingegneria Industriale e dell'Informazione, Università di Pavia (IT); Responsabile LISRC Lab, Istituti Clinici Scientifici Maugeri – Pavia (IT); Professor, Bioengineering and Biomedical Informatics, University of Pavia; Director, Department of Electrical, Computer and Biomedical Engineering, University of Pavia; Lead, Laboratory of biomedical informatics, hospital "Salvatore Maugeri")

AI for Earlier Medicine
Speaker: **Dr. Yu-Chuan Jack Li** (MD, PhD; Distinguished Professor, Taipei Medical University; Dermatologist, Taipei Municipal Wanfang Hospital; President-elect, International Medical Informatics Association)

So, Is Privacy Dead? Not so Fast...
Speaker: **Paulette Lacroix** (Chair, International Medical Informatics Association (IMIA) ethics, privacy and security working group; Certified information privacy professional, International Association of Privacy Professionals; Adjunct Assistant Professor, University of Victoria, School of Health Information Science)

Introduction to the Yale Center for Biomedical Data Science
Speaker: **Dr. Xinxin (Katie) Zhu** (MD, PhD, FAMIA, FIAHSI; Executive Director, Center for Biomedical Data Science, Yale University)

Challenges and Opportunities for Artificial Intelligence in Low Resource Settings
Speaker: **Dr. Yuri Quintana** (PhD; Chief, Division of Clinical Informatics, Beth Israel Deaconess Medical Center; Assistant Professor of Medicine, Harvard Medical School)

Artificial Intelligence In Health: Back to the Future
Speaker: **Dr. Fernando Martin-Sanchez** (PhD, FACHI, FACMI, FIAHSI; Research Professor, Biomedical Informatics and Director, "Digital Health & Learning" Program, National School of Public Health, National Institute of Health ´Carlos III´ of Spain (ISCIII))

Population Data BC – Researcher Resources and Data Access Request (DAR) Services
Speakers: **Megan Ahuja** (MPH; Lead of Strategic Projects, Population Data BC) & **Ann Greenwood** (MEd; Education & Training Lead, Population Data BC)

Using Data Science to Harness an Advanced EHR and Improve Analytical Maturity in a Regional Health Authority
Speaker: **Dr. Brandon Wagar** (PhD; Director of Clinical Analytics and Clinical Information Support, Island Health Authority; Adjunct Assistant Professor, University of Victoria, School of Health Information Science)

Leveraging Data and Analytics to Improve the Quality and Efficiency of Health Services
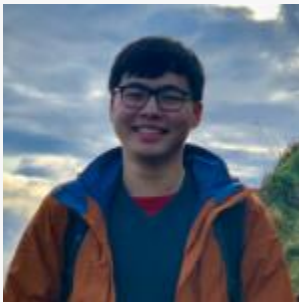Speaker: **Peter Papadakos** (Director, Decision Support and Analytics, Health Information Services, and Chief Privacy Officer at Quinte Health Care)

Awards and Recognitions

Alaysha Ogilvie

Alaysha Ogilvie received a Michael Miller Scholarship. There is a need for HIT applications to advance mental health awareness and care in BC and across Canada. Alaysha is extremely grateful to have received this remarkable award."
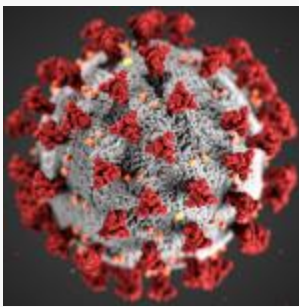
Yichun Zhao

Yichun Zhao also received the Michael Miller Scholarship. This scholarship helped Yichun financially and has motivated him to create awareness of bipolar disorder and other mental health issues in the health informatics community.

Research in the News!

Dr's **Elizabeth Borycki** and **Andre Kushniruk** are co-investigators on a Agency for Health Care Quality funded project entitled "**Evaluating and Enhancing Health Information Technology for COVID-19 Response Workflow**" which is taking place at the SUNY in Brooklyn USA.

Dr. Kushniruk is also working on the Canadian Institutes for Health Research funded cross-Canada project comparing and modelling **COVID-19 Supply Chain Response** (involving digitization and analytics for decision support).

Faculty and Student Publications

Sex and Gender: Health Information Standards

Lau F, Antonio M, **Davison K, Queen R**, Bryski K. An Environmental Scan of Sex and Gender in Electronic Health Records: Analysis of Public Information Sources. J Med Internet Res. 2020 Nov 11;22(11):e20050. https://doi.org/10.2196/20050

Lau F, Antonio M, **Davison K**, **Queen R**, Devor A. A Rapid Review of Gender, Sex, and Sexual Orientation Documentation in Electronic Health Records. J Am Med Inform Assoc. 2020 Nov 1;27(11):1774-1783. https://doi.org/10.1093/jamia/ocaa158

Davison K, **Queen R**, **Lau F**, Antonio M. Culturally Competent Gender, Sex, and Sexual Orientation Information Practices and Electronic Health Records: Rapid Review. JMIR Med Inform. 2021 Feb 11;9(2):e25467. https://doi.org/10.2196/25467

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

Books, Toolkits and Tools

Lau F, Devor A, Antonio M, **Queen R**, Ogilvie A, Lachowsky N, Pinto A, Jollimore J, Keig Z, Flores F, MacLean A, **Davison K**, Nesbitt J, Islic N, Jamieson K, Metcalfe D, Armstrong T. Modernizing Gender, Sex and Sexual Orientation Information Practices in Electronic Health Record Systems – Action Plan Infographic, Jan 7, 2021. Available at https://infocentral.infoway-inforoute.ca/en/resources/docs/sex-gender/sex-gender-action-plan

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 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

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](#)

Scholarships and Awards

Apply Now!

If you require financial aid, consider applying for the Health Information Science [undergraduate](#) and [graduate](#) awards and scholarships.
Applications are due June 30th.

Are you enjoying this newsletter?

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