DATA SCIENCE AND AI IN PUBLIC HEALTH INFORMATICS
2022 VADA PROGRAM SUMMER SCHOOL

MONDAY June 20	TUESDAY June 21	WEDNESDAY June 22	THURSDAY JUNE 23	FRIDAY JUNE 24
Welcome Elizabeth Borycki, Andre Kushniruk, Pourang Irani & Lisa Lix 8:15-8:45am (PDT) 10:15-10:45am (CDT)	**Welcome** Elizabeth Borycki, Andre Kushniruk & Lisa Lix 9:00 - 9:15am (PDT) 11:00-11:15am (CDT)	**Welcome & Recap** Elizabeth Borycki & Andre Kushniruk 9:00-9:15am (PDT) 11:00-11:15am (CDT)	**Systems Dynamics Modeling and Simulation for Chronic and Infectious Diseases** WORKSHOP by Abdul Roudsari 9:00-11:30am (PDT) 11:00am-1:30pm (CDT) *half an hour break*	**Creating Visualisations with Python:** WORKSHOP by Simon Minshall 9:00-11:30am (PDT) 11:00am-1:30pm (CDT) *half an hour break*
Data Stewardship for a World-Class Health Data System Keynote Speaker: Eric Sutherland 8:45-9:30am (PDT) 10:45-11:30am (CDT)	**Measuring the State of Digital Health and What Canadians Want: Using Data Analytics to Drive Health System Decisions** Simon Hagens & Bobby Gheorghiu 9:15-10:15am (PDT) 11:15am-12:15pm (CDT)	**Provincial COVID Response and Data Science** Shannon Malovec & May Tuason 9:15-10:15am (PDT) 11:15am-12:15pm (CDT)		
Digital Health in Canada Mark Casselman & Nickiesha Linton 9:30-10:00am (PDT) 11:30am-12:00pm (CDT)	**BREAK** 10:15-10:30am (PDT) 12:15-1:30pm (CDT)	**BREAK** 10:15-10:30am (PDT) 12:15-12:30pm (CDT)		
Modelling and Data Analysis in the Context of COVID Adel Guitouni 10:00-11:00am (PDT) 12:00-1:00pm (CDT)	**The Importance of Data, Analysis and Reporting in Managing the COVID-19 Response - The Ottawa Public Health Experience** Cameron Keyes & Catherine Millar 10:30-11:15am (PDT) 12:30-1:15pm (CDT)	**Public Health Informatics** Keynote Speaker: William Yasnoff 10:30-11:30am (PDT) 12:30-1:30pm (CDT)		
BREAK 11:00-11:15am (PDT) 1:00-1:15pm (CDT)	**Entrepreneurism** Chris Carvalho & Jerome Etwaroo 11:15am-12:00pm (PDT) 1:15-2:00pm (CDT)	**Closing of Public Program & Thank You** Elizabeth Borycki, Andre Kushniruk, Pourang Irani & Lisa Lix 11:30am-12:00pm (PDT) 1:30-2:00pm (CDT)		
Data Visualization Needs to Support Emergency Response to COVID in A Safety Net Hospital David Kaufman, Yalini Senathirajah & Kenrick Cato 11:15am-12:15pm (PDT) 1:15-2:15pm (CDT)	**LUNCH** 12:00-1:00pm (PDT) 2:00-3:00pm (CDT)	**A Retrospective Build of British Columbia COVID-19 Dashboard Using Public Use Files** WORKSHOP by Dillon Chrimes 1:30-4:00pm (PDT) 3:30-6:30pm (CDT) *half an hour break*	**Memorial for Dr. Karen Kobayashi** 11:30am-12:00pm (PDT) 1:30-2:00pm (CDT)	**LUNCH** 11:30-12:30pm (PDT) 1:30-2:30pm (CDT)
LUNCH 12:15-1:15pm (PDT) 2:15-3:15pm (CDT)	**Visualization and Automated Disease Analytics in Canada's Large-Scale National SARS-CoV-2 Genomic Surveillance Program** Keynote Speaker: Gary Van Domselaar 1:00-2:00pm (PDT) 3:00-4:00pm (CDT)		**LUNCH** 11:30-1:30pm (PDT) 1:30-3:30pm (CDT)	**Big Data Challenge & Student Presentations** 12:30-3:00pm (PDT) 2:30-5:00pm (CDT)
Project Management During the COVID-19 Pandemic Rav Goodison, Joe Walsh, Jerome Cañete & Susi Wilkinson 1:15-2:00pm (PDT) 3:15-4:00pm (CDT)	**BREAK** 2:00-2:15pm (PDT) 4:00-4:15pm (CDT)		**Heuristic Evaluation for Information Visualizations** WORKSHOP by Helen Monkman 1:30-4:00pm (PDT) 3:30-6:30pm (CDT)	
BREAK 2:00-2:15pm (PDT) 4:00-4:15pm (CDT)	**Is Data Really the New Oil?** Karen Courtney 2:15-2:45pm (PDT) 4:15-4:45pm (CDT)			**BREAK** 3:00-3:15pm (PDT) 5:00-5:15pm (CDT)
Careers in Data Science! Michael Li, Amirav Davy & Yanyan Li 2:15-3:15pm (PDT) 4:15-5:15pm (CDT)	**Best Practices in the Management of Data in Health Research – The University Context** Eugenie Lam 2:45-3:15pm (PDT) 4:45-5:15pm (CDT)			**Awards** 3:15-4:00pm (PDT) 5:15-6:00pm (CDT)
	Conversational Agents Meet Mobile Health Applications Keynote Speaker: Kerstin Denecke 3:15-4:00pm (PDT) 5:15-6:00pm (CDT)			