



THE UNIVERSITY OF BRITISH COLUMBIA

Curriculum Vitae for Faculty Members

DATE: July 27, 2020

INITIALS: JC

- 1. **SURNAME:** CODE **FIRST NAME:** JILLIANNE
MIDDLE NAME(S): REAY
- 2. **DEPARTMENT/SCHOOL:** CURRICULUM & PEDAGOGY
- 3. **FACULTY:** EDUCATION
- 4. **PRESENT RANK:** ASSISTANT PROFESSOR **SINCE:** JULY 1, 2017
- 5. **POST-SECONDARY EDUCATION**

University or Institution	Degree	Subject Area	Dates
Simon Fraser University	Ph.D.	Educational Psychology	2005 – 2010
University of Alberta	M.Ed.	Educational Psychology Specialization in Instructional Technology	1999 – 2002
University of Alberta	B.Ed.	Secondary General Science & Art	1995 – 1999

Dissertation

Assessing Agency for Learning: Agency for Learning, Measuring Agency for Learning,
 Agency as a Mediator of Academic Achievement
 Committee Drs. J. C. Nesbit, J. Martin, K. Ercikan, C. Xin, T. Cleary

6. **EMPLOYMENT RECORD**

(a) *Prior to coming to UBC*

University or Organization	Rank or Title	Academic Unit	Dates
University of Victoria	Associate Professor (with Tenure)	Curriculum & Instruction	2017
University of Victoria	Assistant Professor (Cross Listing)	Educational Psychology & Leadership Studies	2012 – 2017

University of Victoria	Assistant Professor (Tenure Track)	Curriculum & Instruction	2011 – 2017
University of Victoria	Co-Director	Technology Integration and Evaluation (TIE) Research Lab	2011 – 2015
Harvard University	Post-doctoral Research Fellow	Harvard Graduate School of Education	2010 – 2011
NGRAIN Corporation	Lead, Instructional Systems Design	Professional Services	2008 – 2009
Simon Fraser University	Research Assistant	LearningKit Project, Faculty of Education	2005 – 2008
Grant MacEwan College	Instructional Designer	Instructional Media & Design	2001 – 2005
Montage Studios	Director	Instructional Media & Design	2000 – 2008
University of Alberta	E-Learning Specialist	Computing & Network Services	2000 – 2001
University of Alberta	Research Assistant	Robotics in Learning, Faculty of Education	2000
University of Alberta	Lab Administrator & Assessment Coordinator	Faculty of Education, Educational Psychology & Division of Technology in Education	1998 – 2000

(b) At UBC

Rank	Academic Unit	Dates
Assistant Professor	Curriculum & Pedagogy	2017 – present
Sessional Lecturer	Educational and Counseling Psychology & Special Education	2008 – 2010

UBC Affiliations

Rank	Academic Unit	Dates
Member	SmarT Innovations for Technology Connected Health (STITCH) Cluster	2020 – present
Member	Women's Health Research Cluster	2019 – present
Member	Designing for People Research Cluster	2019 – present
Scholar	Centre for Health Education Scholarship	2015 – present

(c) Date of granting of tenure at UBC:**(d) List other institutions you are Adjunct Professor at:**

University or Organization	Rank or Title	Academic Unit	Dates
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Royal Roads University	Associate Faculty	College of Interdisciplinary Studies	2019 – present
University of Victoria	Adjunct Professor	Curriculum & Instruction	2017 – 2020

7. LEAVES OF ABSENCE

University, Company or Organization at which leave was taken	Type of Leave	Dates
University of British Columbia	Medical Leave	Jan. 2018 – June 2018
University of Victoria	Medical Leave	March 2014 – April 2016

8. TEACHING

(a) Areas of special interest and accomplishments

*Education is not preparation for life;
education is life itself.*

– John Dewey

Unlike Mark Twain, who famously mused "I have never let my schooling interfere with my education", I prefer to let my education inform my schooling. I use the term *education* here in the broadest sense of its meaning – as an enlightening experience – necessarily unbundling it from schooling to grow its meaning from the seeds of life experience. My interdisciplinary philosophy of education forms the basis of my scholarship in translational research, applied design and learning technology. My teaching and research emerge from the principle that personal, social and collective agency is enacted upon through learning. As such, I value and place a particular emphasis on pedagogical approaches to:

- Learner agency and choice, particularly as it relates to learning context, subject content and assessment strategies;
- Co-creation of learning from and through lived experiences;
- Media literacy and the democratization of knowledge structures through learning technology;
- Learning environments and the psychosocial impact across physical and virtual spaces; and
- Critical application of technology in applied design, STEM, health and medical education.

My scholarship of teaching and learning includes projects such as *Factors affecting student success in online learning environments* and *Technology education during emergency remote teaching*. The former project examines factors that enabling or inhibit the development of self-efficacy and student agency in online learning contexts. My article, "Academic success online: Mediating the effects of personality and self-efficacy in online learning", will appear in a forthcoming issue of *International Journal on E-Learning*. The latter project aims to examine the effects of the COVID-19 pandemic on the teaching experiences and self-efficacy of technology educators in the secondary setting. The first article from this project, "Pandemic designs for the future: Perspectives of technology education teachers during COVID-19" is scheduled for publication in a special issue of *Information and Learning Science* in the summer of 2020.

(b) Courses Taught**Courses Taught at UBC**

Session	Course Number	Total Scheduled Hours	Class Size	Hours Taught per Week			
				Lec.	Tut.	Lab	Other
2020W2	EDCP 570 (001)	39	tbd	3			
2020W2	EDUC 500 (004)	39	20	3			
2020W1	EDUC 450B (305)	39	tbd	3			
2020S1	EDUC 452B (305)	39	18	3			
2019W2	EDUC 451B (305)	39	18	3			
2019W2	EDUC 500 (004)	39	30	3			
2019W1	EDCP 571 (031)	39	11	3			
2019W1	EDUC 450B (305)	39	18	3			
2018W2	EDUC 500 (004)	39	21	3			
2017W1	EDCP 571 (031)	39	11	3			
2017W1	EDUC 450B (305)	39	17	3			
2009W2	EPSE 423 (107)	39	36		3		
2009W2	EPSE 423 (302)	39	36		3		
2009W2	EPSE 423 (310)	39	12		3		
2007W2	EPSE 423 (304)	39	36		3		
2007W2	EPSE 423 (306)	39	31		3		

Course Titles

EDCP 570 Seminar in the Teaching of ICT

EDCP 571 History of Media and Technology in Education

EDUC 500 Research Methodology in Education

EDUC 450 Inquiry Seminar I: Design & Technology Education

EDUC 451 Inquiry Seminar II: Design & Technology Education

EDUC 452 Inquiry Seminar III: Design & Technology Education

EPSE 423 Assessment of Classroom Learning

Courses Taught at UVic

Session	Course Number	Total Scheduled Hours	Class Size	Hours Taught per Course			
				Lec	Tut	Lab	Other
201701	EDCI 337 (A01)	Online	43	3			
201701	EDCI 335 (A01)	Online	43	3			
201605	EDCI 337 (A01)	Online	35	3			
201605	EDCI 337 (A02)	Online	43	3			
201601	EDCI 337 (A01)	Online	35	3			

201601	EDCI 335 (A01)	Online	20	3			
201401	EDCI 584 (A01)	Online	5	3			
201305	EDCI 335 (A01)	Online	33	3			
201305	EDCI 339 (A01)	Online	31	3			
201301	EDCI 335 (A01)	39	20	3			
201301	EDCI 336 (A04)	39	17	3			
201205	EDCI 584 (A01)	39	11	3			
201205	EDCI 335 (A01)	Online	26	3			
201201	EDCI 336 (A01)	39	27	3			
201201	EDCI 336 (A04)	39	26	3			

Course Titles

EDCI 335 Learning Design

EDCI 336 Technology Innovation in Education

EDCI 337 Interactive & Multimedia Learning

EDCI 339 Distributed & Open Learning

EDCI 584 Mixed Methods Research

Courses Created**Courses Created at UBC****Courses Created at UVic**

Course No.	Course Title	Course Level / Program	Delivery Method
EDCI 335	Learning Design	UGrad / BA, BEd, Certificate, General Elective	On Campus, Online
EDCI 336	Technology Innovation in Education	UGrad / BEd, PDPP Core	On Campus
EDCI 337	Interactive & Multimedia Learning	UGrad / BA, BEd, Certificate, General Elective	Online
EDCI 338	Social Media & Personalized Learning	UGrad / BA, BEd, Certificate, General Elective	Online
EDCI 339	Distributed & Open Learning	UGrad / BA, BEd, Certificate, General Elective	Online
EDCI 584	Mixed Methods Research	Grad / MA, PhD Elective	On Campus, Online

Program Development**Program Development at UBC**

Program / Role	Course Level / Program	Delivery Method
Media and Technology Studies Education – Online Master of Education Program / Program Coordinator	Graduate – Under development	Online
Certificate in Education – Applied Design and Learning Technology / Program Coordinator	Undergraduate – Planning Stages	Online

Program Development at UVic

Program / Role	Course Level / Program	Delivery Method
Professional Specialization Certificate in Information and Communication Technologies / Program Coordinator	Undergraduate / Certificate Program	Online
Technology & Innovation in Education Graduate Cohort / Committee Member	Graduate / MEd Cohort	Online + On campus
North Island Curriculum Studies Cohort Committee / Committee Member	Graduate / MEd Cohort	Online + In community

Teaching related activities**Teaching related activities at UBC**

Date	Activity Description
2017	<i>Pilot Canvas for Faculty of Education.</i> For the Fall 2017 term, I integrated the use of UBC's new learning management system, <i>Canvas</i> , as a pilot project with the Educational Technology Support (ETS) team for the Faculty. I designed, developed, and utilized various tools with my graduate course EDCP571 including: integrating content from the course, direct linking to library resources, using the assignment dropbox and speed grading, and utilizing peer feedback on in-class presentations.

Teaching related activities at UVic

Date	Activity Description
2015 – 2017	<i>Factors Affecting Student Success in Online Learning Environments.</i> This research project examined factors that affect student success in online learning environments and the role of course design and individual differences play in enabling the development of self-efficacy and agency for learning in these contexts. This research is important because it will provide validation evidence for the current

	course design(s) and critical insight into how online learning environments can be adapted to best meet the needs of students.
2012 – 2014	<i>Educational Technology Learning Network (ETLN)</i> . I designed, developed, and set up the ETLN to support the learning strategies and approaches required to meet the established outcomes of EDCI336. The ETLN was a complete online social network with access to course materials, student profiles, and blogs.
2011	<i>Course Redesign</i> . I worked collaboratively with Dr. Valerie Irvine to develop a standardized curriculum for our undergraduate pre-service educational technology course (EDCI336) to ensure alignment with the UVic Teacher Education Standards, BC Teacher Regulation Standards, and the National Educational Technology Standards for Teachers (NETS*T) from the International Society for Technology in Education (ISTE).

(c) Graduate Research Supervision

Note: Asterisks* indicate federal tri-council funding (SSHRC)

Student Name	Program Type	Year		Role	Department / Institution
		Start	Finish		
Amelia Cole	Ph.D	2019		Committee	iSchool / UBC
Kieran Forde ¹	Ph.D	2019		Co-Supervisor	Curriculum / UBC
Cristina Soto	Ph.D	2018		Co-Supervisor	Curriculum / UBC
Heather Lannon	DSSc ³	2017		Supervisor	Social Science / RRU
Stella Namae	Ph.D.	2020	2020	Committee	Curriculum / UBC
Lyndze Harvey	Ph.D.	2016	2020	Committee	Curriculum / UVIC
Michael Hammond-Todd	Ph.D.	2012	2017	Committee	Curriculum / UVIC
Craig Behan	Ph.D.	2012	2016	Committee	EPHE / UVIC
Andrew Marchand	Ph.D.	2012	2017	Committee	Curriculum / UVIC
David Wray	M.A.	2020	2020	Committee	Curriculum / UBC
Fabian Froehlich ²	M.A.	2018	2020	Supervisor	Curriculum / UBC
Jamie Elbert*	M.A.	2014	2017	Supervisor	Curriculum / UVIC
Wade Strass	M.A.	2012	2014	Committee	Curriculum / UVIC
Ian Cooper	M.A.	2012	2013	Committee	Curriculum / UVIC
Brad Cunningham	M.A.	2011	2012	Committee	Curriculum / UVIC
Jalbert, Rachel	M.A.	2013	2013	Committee	EdPsych. / UVIC
Abrami, Jessica	M.A.	2012	2012	Committee	Psychology / UVIC
Mariacarmen Villareal	M.Ed.	2017	2020	Committee	Curriculum / UBC
Katra Farah	M.Ed	2019		Supervisor	Curriculum / UBC
Gary Lesperence	M.Ed	2019		Supervisor	Curriculum / UBC
Saman Yousefifard	M.Ed	2019		Supervisor	Curriculum / UBC
Kieran Forde	M.Ed	2017	2019	Committee	Curriculum / UBC

Jennifer Nixon	M.Ed.	2012	2014	Supervisor	Curriculum / UVIC
Halimat Alabi	M.Ed.	2012	2013	Supervisor	Curriculum / UVIC
Aaron Maxwell	M.Ed.	2010	2011	Committee	Curriculum / UVIC

1Provost Fellow for Online Learning 2Teaching as Research Graduate Award Recipient 3Doctor of Social Science (RRU)

Post-Doctoral Research Fellows

Fellow Name	Program Type	Year		Role	Department / Institution
		Start	Finish		
Dr. Rachel Ralph	SSHRC IDG 430-2016- 00480	2018		Supervisor	Curriculum / UBC

(d) Graduate Program Supervision

(e) Continuing Education Activities

Certificates Earned

Date	Title; Organization, Location
In progress	Computational Social Science Specialization, University of California Davis, Coursera
2005	WebCT Senior Certified Trainer, <i>WebCT Inc.</i>
2003	Linux Systems Administrator, Northern Alberta Institute of Technology
2003	Flash MX Designer, <i>Macromedia Inc.</i>
2001	WebCT Certified Trainer, <i>WebCT Inc.</i>

Courses and Workshops Taken

Date	Title; Organization, Location
2019	Excellence in Graduate Supervision Workshop, GP+S, UBC
2019	New Faculty Supervisors Workshop, GP+S, UBC
2017	Faculty Career Development Workshop – UBC CV, Faculty of Education TEO, UBC
2017	Research Orientation Day, UBC
2017	New Faculty Orientation, GP+S, UBC
2015	Patient Voice in Quality: Beyond Advisory Councils; Institute for Healthcare Improvement, Orlando, FL
2015	Redesigning Patient-Centered Care through Digital Health Technology; Institute for Healthcare Improvement, Orlando, FL
2015	Data Scientist Toolbox; John's Hopkins Bloomberg School of Public Health, Coursera
2013	Big Data in Education; Columbia University, Coursera

2013	Learning Analytics Summer Institute, Society for Learning Analytics Research (SoLAR), Stanford University; Selected among 90 participants world wide to participate
2012	Cognitive Diagnostic Modeling; NCME, Vancouver, BC
2012	iTunesU Course Manager Training, Apple Inc.
2011	Learning Without Borders Professional Development Program; LTC, UVic
2011	Essentials for Career Success (for New Faculty and Librarians); LTC, UVic
2011	Proposal Writing for the National Science Foundation; AERA, New Orleans, LA
2011	Bayesian Networks in Education; NCME, New Orleans, LA
2008	SCORM School, Academic ADL Co-Lab
2007	Instructional Skills Workshop, Simon Fraser University
2004	Project Management Levels 1 & 2, Grant MacEwan College
2004	Understanding by Design, Grant MacEwan College
2003	Project Management I, University of California Extension, Berkeley

(f) **Visiting Lecturer (indicate university/organization and dates)**

(g) **Other**

9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

(a) **Areas of special interest and accomplishments**

Agency and identity development are central tenets of my scholarship throughout my graduate and academic career and play a key role in how I shape and understand my own identity – as a woman, an academic, and person with a disability. Living with heart failure for 15 years (diagnosed in 2005) and as a two-time heart transplant recipient (2014, 2018), both my lived experience of medical disability and scholarship in agency and learning technology reveals a significant relevance to translational research (TR) across education, science, health, and medicine. Along with a series of empirical approaches in my work, I use narrative inquiry, including autoethnography, to enable me to bridge my experience and expertise across seemingly disparate domains. As a faculty member at UBC, I continue to advance interdisciplinary scholarship by engaging in fundamental questions about the nature of scientific inquiry across disciplines and elicit its impact on the democratization of knowledge and promotion of human agency.

The trajectory of my interdisciplinary scholarship in **translational research, applied design and learning technology** is designed to advance knowledge with particular emphasis on:

- Human agency and the power to act and persevere in the presence of internal or external constraints;
- Personal autoethnographies as a tool for educating about lived experiences and life choices;
- Democratization of knowledge structures and learner agency through technology;
- Perceptions of virtual immersion and reality and its psychosocial impact on learning; and the
- Critical examination of technology and learning environments in applied design, STEM, health and medical education.

My program of mixed methods research is designed to contribute foundational scholarship concerning human agency and the accessibility of knowledge structures through technology with respect to an individual's: (i) *capacity* to understand and reflectively evaluate intention, reason, and motivation, (ii) *desires, beliefs, memories, perceptions, and other mental events*, and (iii) *action* with intention. A hallmark of the trajectory of my funded research projects is to contribute evidence concerning the psychosocial impact of learning technologies for / of / in science, technology, engineering, math (STEM) and health education. My research program has resulted in a significant record of funding primarily from federal tri-councils, peer reviewed publications across several fields, and educational software applications such as *Falling Skies v2.0* (2019, UBC) and *Silence of the Bees* (2011, Harvard).

(b) Research or equivalent grants [UBC: \$795,008; UVic:\$443,277; Lifetime: \$1,238,285]

External Grants [Lifetime: \$917,235]

External Grants at UBC [\$547,308]

Agency	Competition / Subject	C/NC*	\$	Year	PI	Co-I
CIHR ₂ Project Grant	Virtual Clinics to Improve Quality of Care and Outcomes in Heart Failure: A Multi-Centre Randomized Controlled Trial	C	\$310 000 / 3 Years	2020 – 2023 (April start)	Van Spall, H	Code, J Lear, S Lee, S F Scott, T Whitelaw, S Xie, F
CIHR ₂	Catalyst Grant: Personalized Health – Improving heart failure outcomes through apps that support self-management and adherence	C	\$141,70 8	2018 – 2020	Arcand, J (UOIT)	Sommers, J Blackburn, D Code, J Ezekowitz, J Farmer, A Lemonde, M Mak, S
SSHRC ₁	Insight Development / Assessment for learning in immersive virtual environments (ALIVE)	C	\$70,600	2018 – 2020	Code, J	Zaparyniuk , N

Networks of Centres for Excellence – Government of Canada: Letter of Intent	Technology, Research Analytics, Network, Systems FOR Managing Heart Failure (TRANSFORM-HF) www.transformhf.com	C	\$25,000	2018	Ross, H Scientific Director (UofT)	My role: Co-Investigator, Board of Directors, Member; Patient Engagement Leader
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*Grants were obtained competitively (C) or non-competitively (NC); Social Sciences and Humanities Research Council of Canada; 2 Canadian Institutes for Health Research

External Grants at UVic [\$369,927]

Agency	Competition / Subject	C/NC*	\$	Year	PI	Co-I
Heart & Stroke Foundation	National Roundtable on Heart Failure, Travel grant	NC	\$5,000	2016	Code, J	
SSHRC ¹	Insight / Personalized Learning in Practice in British Columbia (Grades 6-9)	C / 4A ₃	\$103,427	2016 – 2019	Tobin, R	Code, J
Doctors of BC	Insitute for Healthcare Improvement, Orlando, Florida; Travel grant	NC	\$5,000	2015	Code, J	
MITACS	Accelerate / CanDo: A Smart App for Cognition	C	\$150,000	2013 – 2015	Coady, Y	Livingston, R Skelton, J Code, J
Society for Learning Analytics	Learning Analytics Summer Institute; Travel grant	C	\$2,000	2013	Code, J	
BC Ministry of Education + partners	edCampWest for K12 and Higher Ed	NC	\$6,000	2013	Irvine, I	Code, J
SSHRC	Insight Development / Assessment for learning in immersive virtual environments (ALIVE)	C / 4A ₃	\$75,000	2012	Code, J	

Canadian Networks of Innovation in Education (CNIE)	AMTEC Trust Award	C	\$1500	2013	Code, J	
Apple Canada	iTunes University	NC	\$12,000	2011 – 2013	Irvine, V	Code, J
TELUS	Innovation Forum	NC	\$10,000	2011	Irvine, V	Code, J

*Grants were obtained competitively (C) or non-competitively (NC);¹Social Sciences and Humanities Research Council of Canada; ² Canadian Institutes for Health Research ³Recommended for funding

Internal Grants [Lifetime: \$304,050]

Internal Grants at UBC [\$247,700]

Agency	Competition / Subject	C/NC*	\$	Year	PI	Co-I
UBC Educ. Research Infrastructure Support Services	STEM 2020 Changing the Story Conference	C	\$8,250	2019	Petrina, S	Adler, D Anderson, D, Banack, H Code, J Milner-Biotin, M Nashon, S Scott, S
UBC Educ. Research Infrastructure Support Services	ALIVE Research Lab Web and Database Research Full Stack Development	C	\$1,000	2019	Code, J	
SSHRC GRF / Internal UBC	Equipment support for SSHRC IDG ALIVE	C	\$12,450	2018	Code, J	
David F. Robitaille Endowment Research Awards	STEM 2020 Changing the Story Conference	C	\$11,000	2019	Petrina, S	Adler, D Anderson, D, Banack, H Code, J Milner-Biotin, M Nashon, S Scott, S

David F. Robitaille Endowment Research Awards	Exploring STEM Education through Community Engagement: Case Studies across Maker Spaces, Communities, and Teacher Professional Learning	C	\$65,000	2019	Nichol, C	Anderson, A Anderson, D Hartley B Code, J Gerofsky, S Milner-Bolotin, M Nashon, S Petrina, S Scott, S Tan, M
Hampton New Faculty Grant	Unbundled Learning: Agency in Online Social Learning Networks for Education and Support – A Pilot Project with Heart Failure Patients	C	\$10,000	2018	Code, J	
UBC / Faculty of Education	Doctoral Recruitment Award (DRA) Annual value: \$30,000 stipend + tuition/year for 4 years	C	\$140,000	2017	Code, J	

*Grants were obtained competitively (C) or non-competitively (NC)

Internal Grants at UVic [\$56,350]

Agency	Competition / Subject	C/NC*	\$	Year	PI	Co-I
UVIC / ORS	Travel Grant	NC	\$1,000	2016	Code, J	
UVIC / University Systems	Educational Technology Faculty Fellow	NC	\$7,500	2013	Code, J	
UVIC / Education	Constructivist Education Research Network (CER-Net)	C	\$10,000	2013	Code, J	
UVIC / LTC, University Systems	Gamifying the Classroom	NC	\$5,000	2013	Leach, D	Code, J Bebington, T
UVIC / LTC, University Systems	TIE Talks Colloquium/Public Lecture Series	NC	\$4,000	2012	Irvine, V	Code, J
UVIC / Education	SSHRC 4A Dean's Grant	NC	\$2,500	2012	Code, J	
UVIC / ORS	Travel Grant	NC	\$1,350	2011	Code, J	
UVIC / VPAC	Start-up Grant	NC	\$25,000	2011	Code, J	

*Grants were obtained competitively (C) or non-competitively (NC)

Scholarship of Teaching and Learning [Lifetime: \$17,000]

Scholarship of Teaching and Learning at UBC

Scholarship of Teaching and Learning at UVic [\$17,000]

Agency	Competition / Subject	C/NC*	\$	Year	PI	Co-I
UVIC / TIL	Technology Integrated Learning Grant	C	\$10,000	2015 – 2016	Code, J	Zap, N
UVIC / LTC	Learning Without Borders Grant	C	\$7,000	2013 – 2014	Code, J	Irvine, V

*Grants were obtained competitively (C) or non-competitively (NC)

Grants Currently Under Review

Agency	Competition / Subject	C/NC*	\$	Year	PI	Co-I
CIHR <i>Competition cancelled due to COVID-19</i>	vCHAT-HF (a Virtual Community promoting Health literacy, self-care, and peer support for HF)	C	\$455,000 / 2yr	Spring 2020	Nolan, R <i>U of T</i>	Arcand, J (UOIT) Code, J (UBC) Husztai, E (UofT) MacIver, J (UHN) Rac, V (UofT) Ross, H (UofT) Thomas, S (UofT) Tomlinson, G (UofT) Pope, B (n/a)
CIHR <i>Competition cancelled due to COVID-19</i>	From the heart: Canadian women's lived experiences of heart failure	C	\$480,000 / 2yr	Spring 2020	Law, S <i>Trillium</i>	Bray, S (n/a) Code, J (UBC) Smilovitch, M (McGill) Colantonio, A (UofT) Colella, T (UHN) Gianetti, N (McGill) Kuluski, K (Trillium) MacIver, J (TGH) Mansfield, E (Trillium) Marzolini, S (UHN) O'Brien, N (CHUM) Wright, D (UofO)

New Frontiers in Research Fund – Government of Canada	2020 Transformation Competition / EMPOWER Heart Failure	C	Letter of Intent	LOI: July 15, 2020 APP: Nov 18, 2020 6 years \$4M / YR	PI: Ross, H U of T	Co-PI: Code, J (UBC) Ezekowitz, J (UofA) Lee, D (UofT) Liu, P (Ottawa) Pham, Q (UofT) Reading, J (SFU) Sharma, A (McGill) Yadollahi, A (UofT)
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*Grants were obtained competitively (C) or non-competitively (NC)

Grants Under Development

Agency	Competition / Subject	C/NC *	\$	Year	PI	Co-I
SSHRC	Insight Grant	C		2020	Code, J	
SSHRC	Knowledge Synthesis	C		2020	Code, J	
UBC	Killam Faculty Fellowship	C		2020	Code, J	

*Grants are obtained competitively (C) or non-competitively (NC)

(c) Research or equivalent contracts

(d) Invited Presentations

Note: Names of graduate students are underlined.

Keynotes

1. **Code, J.** & Pike, R. (2017, October). *The lived experience of cardiovascular nursing: A patient's perspective* [Keynote]. In Canadian Council for Cardiovascular Nurses Fall Conference, Vancouver, BC.
2. **Code, J.** (2017, June). *A patient's voice* [Keynote]. In M. Toma, K. Ramanathan & H. Nazzari (Chairs), UBC Heart Failure Symposium, Vancouver, BC.
3. Catlin, B. & **Code, J.** (2017, May). *The evolution of BC's provincial heart failure strategy: It's influence on clinical practice and patient care* [Keynote]. In Canadian Council for Cardiovascular Nurses Spring Conference, Victoria, BC.

Plenary Panels

1. **Code, J.** (2020, June). *Democratization of heart failure: Connecting voices from Canada's other pandemic*. In H. Ross (Chair), EMPOWER-HF Virtual Roundtable, Toronto, ON.

2. **Code, J.** & Sloan, J. (2019, December). *How to report and critique major trials in cardiology from a statistical perspective, including recent statistical advances – Patient viewpoints*. In S. Pocock & J. Gregson (Chairs), *CVCT Masterclass*. Invited panel at the 16th Global Cardiovascular Clinical Trialists Forum (CVCT), Washington, DC, USA.
3. **Code, J.** & Gunther, P. (2019, December). *The role of mental health studies in cardiovascular trials*. In C. Chauhan & D. Janssen (Chairs), *Empowering patients to be active participants in clinical trials*. Invited panel at the 16th Global Cardiovascular Clinical Trialists Forum (CVCT), Washington, DC, USA.
4. **Code, J.** & Verbakel, M. (2019, December). *Patient reported outcomes: Why CV prevention trials are critical for patients*. In B. Pitt & H. Ventura (Chairs), *Diet, hypertension and CV prevention trials*. Invited panel at the 16th Global Cardiovascular Clinical Trialists Forum (CVCT), Washington, DC, USA.
5. **Code, J.** et al. (2019, October). *Shifting the research to action paradigm: The complex connections among cardiovascular disease, stroke and vascular cognitive impairment* [Panel]. Invited panel at the Heart and Stroke Foundation Spotlight Session at the Canadian Cardiovascular Congress, Montreal, QUE.
6. **Code, J.** (2019, September). *Unbundled learning with heart failure*. In R. Starling and S. Zieroth (Chairs), *Barriers to implementation of new therapies*. Invited panel at the Heart Failure Society of America Annual Meeting, Philadelphia, PA, USA.
7. **Code, J.** (2019, March). Patient led advocacy to support health system transformation and improved heart failure care. In A. Krahn, J. Pineiro & P. Torres (Chairs), *Heart failure advocacy and international perspectives*. Invited symposium at the American College of Cardiology Annual Meeting (ACC.19), New Orleans, LA, USA.
8. Ahmed, C., Chauhan, C., **Code, J.**, Dahlgren, K., Jefferson, N. et al. (2018, December). *CV Trial related questions patients want answered* [Panel, listed alphabetically]. In C. Chauhan & A. Lenselink (Chairs), Invited panel at the 15th Global Cardiovascular Clinical Trialists Forum (CVCT), Washington, DC, USA.
9. Abraham, W., Alonso, A., **Code, J.**, Clagget, B., Cowie, M., Januzzi, J., Rapezzi, C., & Zeiher, A. (2018, December). *Ongoing heart failure trials: Looking into the crystal ball* [Panel, listed alphabetically]. In C. Felker & C. O'Connor (Chairs), Invited panel at the 15th Global Cardiovascular Clinical Trialists Forum (CVCT), Washington, DC, USA.
10. **Code J.** & Virani, S. (2017, October). *Heart failure advocacy: Engaging in a three-pronged approach to healthcare transformation from a patient, provider, and systems perspective* [Plenary]. Canadian Cardiovascular Society Public Policy Plenary Session at Canadian Cardiovascular Congress, Vancouver, BC.
11. **Code, J.**, Penner, B. & Kearly, S. (2016, November). *Are we meeting the health care needs of Canadians?* [Plenary] In S. Mahoney (Chair), 2016 Infoway Partnership Conference, Toronto, ON.

12. Chan, A., **Code, J.**, Miles, R. & Ridout, B. (2016, November). *Engaging in change: The power of storytelling to inspire action* [Plenary]. In BC Health Leadership Conference, Canadian College of Health Leaders, Vancouver, BC.
13. **Code, J.**, Ezekowitz, J., Giannetti, N., & Howlett, J. (2016, October). *(Re)defining success in heart-failure management in Canada: Improving outcomes along the patient journey* [Plenary]. In P. Liu (Chair), Canadian Cardiovascular Congress, Montreal, QUE.
14. Ackenhausen, M., Brown, S., **Code, J.**, & Seckel, A., et al. (2016, February). *Opening plenary panel* [Plenary]. In Joint Clinical Committee Showcase, 5th Annual Quality Forum; BC Patient Safety & Quality Council, Vancouver, BC.
15. Cheema, G., **Code, J.**, Ganesan, S., Hanson, J., Kisch, I., Law, J., & Root, M. (2015, November). *Get connected to better your health* [Plenary]. In K. Ho (Chair), Canada Health Infoway eHealth and Innovative Technology Showcase (eHITS), Vancouver, BC.

Presentations

1. Virani, S., & **Code, J.** (2018, May). *What patient advocacy means in 2018* [Invited Session]. In Heart Failure Update, Canadian Heart Failure Society, Toronto, ON.
2. **Code, J.** (2017, May). *The who, what, why & how of advocacy for heart failure patients* [Invited Session]. In Heart Failure Update, Canadian Heart Failure Society, Toronto, ON.
3. **Code, J.** (2015, December). *It's a Wonderful Life: Cardiac Christmas Rounds*. University of British Columbia Division of Cardiology, Vancouver, BC. (FA)
4. **Tydd-Whiting, R.**, Tolentino, A. & **Code, J.** (2015, September). *Opening doors: Embracing family centered care in a cardiac surgery intensive care unit* [Webinar]. In A. Kaan (Chair), Heart Centre Nursing Rounds, Providence Health Care, Vancouver, BC. (SA)
5. **Code, J.** (2015c, September). *My journey to heart transplant*. WomenHeart Support Group, Royal Jubilee Hospital, Victoria, BC. (FA)
6. **Code, J.** (2015d, September). *My transplant story* [Speaker Series]. BC Transplant Society, Vancouver, BC. (FA)
7. Coady, Y., **Code, J.**, Ravelli, B., & Yoon, J. (2015, August). *Dynamic learning: Effective technology and learning in the classroom (face to face, online and blended)*. In J. Aragon (Chair), Technology Integrated Learning Session. Panel at the New Faculty & Librarian Orientation, University of Victoria, Victoria, British Columbia, Canada. (SA)
8. **Code, J.** (2015e, August). *My journey to heart transplant*. Service BC, Ministry of Technology, Innovation & Citizen's Services, Victoria, BC. (FA)
9. **Code, J.** (2014, June). *Heart failure to harvard*. The Heart Centre Cardiac Nurse Education Day, University of British Columbia, Vancouver, BC. (FA)

10. **Code, J.** & Irvine, V. (2012, January). *Teaching and learning with technology*. Inspiration Series: New Ways of Teaching and Learning, BC Ministry of Education, Victoria, BC.
11. **Code, J.** & Irvine, V. (2011, November). *21st century teaching, learning and assessment*. Inspiration Series: New Ways of Teaching and Learning, BC Ministry of Education, Victoria, BC.
12. Clarke-Midura, J., Mayrath, M., **Code, J.**, Dede, C. & Kane, L. (2010, June). *Exploring the potential of immersive virtual environments for summative assessments*. Institute for Education Sciences (IES) Research Conference, National Harbor, MD. (CA)

(e) Other Presentations

Peer Reviewed Conference Papers, Presentations & Posters

i) International

1. **Ross, E.**, Sakakibara, B., Mackay, M., Whitehurst, D., Singer, J., Toma, M., Corbett, K., Rutherford, K., Gheorghiu, B., **Code, J.**, & Lear, S. (2020, May). User experiences with a pilot text messaging intervention aimed to support patients with acute coronary syndrome after discharge. Poster session at the International Behavioral Trials Network (IBTN) Global 2020 Conference, Montreal, Canada. (CA) Available online: <https://www.ibtnetwork.org/conference/posters/ross/>
2. **Pellegrini, D.**, **Eliya, Y.**, Gavert, A., **Code, J.**, & Van Spall, H. (2020, March). *Social media in heart failure: A mixed methods systematic review*. Poster session at the American College of Cardiology Annual Meeting (ACC.20), Chicago, IL, USA. (CA)
3. **Code, J.**, (2012, April). *Agency as a mediator of academic achievement*. Presentation at the American Educational Research Association Annual Meeting, Vancouver, Canada. (FA)
4. Irvine, V., **Hermanson, D.**, & **Code, J.** (2012, April). *Evaluation of web presence in K12 education*. Presentation at the American Educational Research Association Annual Meeting, Vancouver, Canada. (CA)
5. Clarke-Midura, J., **Code, J.**, Zap, N., & Dede, C. (2011, Sept). *Exploring the utility of a virtual performance assessment*. Presentation at the Society for Research on Educational Effectiveness (SREE): Building and Education Science: Improving Mathematics and Science for all Students Conference, Washington, D.C. (SA)
6. **Code, J.**, Clarke-Midura, J., Mayrath, M., & Dede, C. (2011, April). *Student perceptions of the assessment utility of immersive virtual environments*. Presentation at the American Educational Research Association Annual Meeting, New Orleans, LA. (FA)
7. Clarke-Midura, J., **Code, J.**, Mayrath, M., & Dede, C. (2011, April). *Using evidence centered design to develop immersive virtual assessments*. Presentation at the American Educational Research Association Annual Meeting, New Orleans, LA. (SA)
8. Clarke-Midura, J., **Code, J.**, Mayrath, M., & Dede, C. (2011, April). *Exploring inquiry processes in immersive virtual environments*. Presentation at the American Educational Research Association Annual Meeting, New Orleans, LA. (SA)

9. Mayrath, M., Clarke-Midura, J., Dede, C. & **Code, J.** (2011, April). *A framework for designing assessment activities for virtual worlds*. Presentation at the American Educational Research Association Annual Meeting New Orleans, LA. (CA)
10. Clarke-Midura, J., **Code, J.**, & Dede, C. (2011, April). *Measuring students' scientific inquiry processes and skills with immersive performance assessments*. Presentation at the National Association of Research on Science Teaching Annual Meeting, Orlando, FL. (SA)
11. Clarke-Midura, J., **Code, J.**, & Dede, C. (2011, April). *Assessment 2.0: Rethinking how we assess science inquiry with technology-based assessments*. Presentation at the National Science Teachers Association 2011 Annual Conference, San Francisco, CA. (SA)
12. **Code, J.**, Clarke-Midura, J., & Dede, C. (2011, April). *Assessing authentic science inquiry in immersive virtual worlds*. Presentation at the Cyberlearning Tools for STEM Education Conference, Berkeley, CA. (FA)
13. **Code, J.** (2009, April). *Validating the epistemic belief inventory using item response theory*. Presentation at the American Educational Research Association Annual Meeting San Diego, CA. (FA)
14. Nesbit, J. C., Winne, P. H., Zhou, M., Xu, Y., **Code, J.**, & Weatherby, M. (2007, August). *Technology-based assessments of learning strategies and self-regulation of learning*. Presentation at the European Association for Research on Learning and Instruction Biennial Conference, Budapest, Hungary. (CA)
15. **Code, J.**, Nesbit, J. C., Adesope, O., & Zhou, M. (2007, April). *The role of agency in self- and other-regulation*. Presentation at the American Educational Research Association Annual Meeting Chicago, IL. (FA)
16. Leacock, T., **Code, J.**, & Weatherby, M. (2007, April). *Usability in self-regulated learning software*. Presentation at the American Educational Research Association Annual Meeting Chicago, Chicago, IL. (SA)
17. Weatherby, M., **Code, J.**, Nesbit, J. C., & Winne, P. H. (2007, April). *Learning argumentation with cognitive tools*. Presentation at the American Educational Research Association Annual Meeting Chicago, IL. (SA)

ii) National

1. **Code, J.** (2019, June). *Design and Validation of the Agency for Learning Questionnaire Across Multiple Contexts*. Presentation at the Canadian Society for the Study of Education Annual Meeting Vancouver, Canada. (FA)
2. Ross, E., Sakaibara, D., Mackay, M., Toma, M., Whitehurst, D., Van Spall, H., Rutherford, K., Jung, L., Gheorgiu, B., Hagan-Johnson, A., **Code, J.**, Iannone, I., & Lear, S. (2016, June). *The use of text messaging to improve the hospitalcommunity transition and prevent readmission in patients with cardiovascular disease (Txt2Prevent) - Study protocol*. Poster presented at Canadian Student Health Research Forum 2016, Winnipeg, MB. (CA)
3. Ross, E., Sakaibara, D., Mackay, M., Toma, M., Whitehurst, D., Van Spall, H., Rutherford, K., Jung, L., Gheorgiu, B., Hagan-Johnson, A., **Code, J.**, Iannone, I., & Lear, S. (2016, February). *The*

development of a text messaging intervention to improve the hospital-community transition in patients with cardiovascular disease. Poster presented at Heart + Lung Fest 2016, Institute for Heart + Lung Health, Vancouver, BC. (CA)

4. **Code, J.** (2013, June). *Agency as a mediator of academic achievement.* Presentation at the Canadian Society for the Study of Education Annual Meeting Victoria, Canada. (FA)
5. **Alabi, H. & Code, J.** (2013, June). *Visualizing learning analytics: A roadmap for student success.* Presentation at the Canadian Society for the Study of Education Annual Meeting Victoria, Canada. (SA)
6. **Code, J.** (2008, May). *Assessing agency as an emerging property of will, skill, and action.* Presentation at the Canadian Society for the Study of Education 2008 Annual Meeting Vancouver, Canada. (FA)
7. **Code, J. & Zaparyniuk, N.** (2008, May). *Agency emergence in online social networks.* Presentation at the Canadian Society for the Study of Education 2008 Annual Meeting Vancouver, Canada. (FA)
8. **Zaparyniuk, N., & Code, J.** (2008, May). *Video games as a tool for self-regulated learning.* Presentation at the Canadian Society for the Study of Education 2008 Annual Meeting Vancouver, Canada. (SA)

Non-Refereed Conference Presentations

i) National

1. **Code, J.** (2015, October). *At the heart of flexible learning.* Presentation at Canada's Collaboration for Online Higher Education and Research (COHERE) Annual Conference, Victoria, BC. (FA)
2. **Code, J., & McGrath, J.** (2002, November). *Developing faculty technology canthers for learning and exploration.* Presentation at the Hybrid Learning: Keys to Instructor and Student Success, Edmonton, Alberta, Canada. (FA)
3. **Stewart, V., & Code, J.** (2002, June). *Workshops that work!* Presentation at the International Conference on Distance Education & the Canadian Association of Distance Education, Calgary, Alberta, Canada. (CA)

ii) Provincial

1. **Stokes, P., Code, J., Lamberson, M. & Atkinson, F.** (2013, May). *Learning technology ecosystem thinking: Broader than a learning management system alone.* Presentation at BCNET-HPCS Annual Conference, Vancouver, Canada. (CA)
2. **Code, J.** (2013, March). *Virtual performance assessments.* Presentation at Games Without Frontiers, Ideafest 2013. University of Victoria, Victoria, BC. (FA)
3. **Irvine, V. & Code, J.** (2012, May). *The 21st century university: Implications and benefits of choice of learner access and openness.* Presentation at BCNET-HPCS Annual Conference, Vancouver, Canada. (CA)

4. **Code, J.** (2011, November). *Games for learning*. Fresh Minds Symposium, University of Victoria, Victoria, BC, November 9, 2011. (FA)
5. **Code, J.** (2011, October). *Games for teaching, learning & assessment*. Moving Beyond the Curriculum: Learning for a New Generation, University of Victoria Education Students Association Fall Conference, Victoria, BC, October 15-16, 2011. (FA)
6. **Code, J., & Veugelers, E.** (2005, June). *Sky captain and the world of tomorrow: Piloting WebCT Campus Edition 6*. Presentation at the Interface 2005 Conference, Edmonton, Alberta, Canada. (FA)
7. **Code, J.** (2003, October). *Ebox: Faculty centers for technology exploration, experimentation and exchange*. Presentation at the Netspeed 2003, Edmonton, Alberta Canada. (FA)
8. Stewart, V., & **Code, J.** (2002, May). *Preparing faculty for online instruction*. Presentation at the Alberta Colleges and Institutes Association (ACIFA) Conference Edmonton, Alberta, Canada. (CA)

Conference Workshops

1. **Code, J., Kataoka, H. & McLellan, K.** (2015, September). *Leveraging social media at UVic: Using the online academic community for teaching and learning*. Workshop given at the Let's Talk About Teaching Conference, University of Victoria, Victoria, British Columbia, Canada.
2. **Code, J., & Wilson, G.** (2003, May). *Dreamweaver coursebuilder: Building interactivity*. Workshop given at the Interface 2003 Conference, Edmonton, Alberta, Canada.
3. Stewart, V., & **Code, J.** (2003, May). *Active lecturing with PowerPoint*. Workshop given at the Innovative Instructors Institute, University of Alberta, Edmonton, Canada.
4. **Code, J., Wilson, G., & Stewart, V.** (2002, October). *Dreamweaver coursebuilder for teachers*. Workshop given at the Online Learning Symposium, Edmonton, Alberta, Canada.
5. **Code, J., & Stewart, V.** (2002, February). *Dreamweaver course development for teacher-developers*. Workshop given at the Alberta Online Consortium Online Developers Series, Edmonton, Alberta, Canada.
6. **Code, J., & Stewart, V.** (2001, December). *Dreamweaver and fireworks for teacher-developers*. Workshop given at the Alberta Online Consortium Online Developers Series, Edmonton, Alberta, Canada.
7. **Code, J.** (2001, May). *Teaching with technology: Progressive practices*. Workshop given at the Leaders in Learning Online 2001, University of Alberta, Edmonton, Alberta, Canada

(f) Other

(g) Conference Participation (Organizer, Keynote Speaker, Chair)

Organizer & Chair

1. **Code, J. & Ross, H.** (2019, October). *The heart failure continuum and the lived experience: Perspectives from diagnosis through transplant and beyond* [Chairs]. Canadian Cardiovascular

Congress, Montreal, QUE.

2. **Code, J.** & Bains. M. (2019, May). *Patient and family carer round table* [Chairs]. Heart Failure Update 2019, Montreal, QUE.
3. Ostrovsky, A. & Miscavage. G. (2015, December). *Redesigning patient-centered care through digital health technology*. In **J. Code** (Chair), Institute for Healthcare Improvement National Forum on Quality Improvement in Healthcare, Orlando, Florida, USA.
4. Lawrence, A., Davis., C. & Scholtz. R. (2015, December). *Patient voice in quality: Beyond advisory councils*. In **J. Code** (Chair), Institute for Healthcare Improvement National Forum on Quality Improvement in Healthcare, Orlando, Florida, USA.

10. SERVICE TO THE UNIVERSITY

(a) Areas of special interest and accomplishments

(b) Memberships on committees, including offices held and dates

Standing Committees (Faculty / University Level)

Standing Committees at UBC

Office Held	Committee	Dates

Standing Committees at UVic

Office Held	Committee	Dates
Faculty of Education Representative	Teaching Learning and Technology Campus Advisory Committee	2015 – 2017
Member-at-Large	CanAssist Academic Steering Committee	2013 – 2017
Member	Online Academic Community Steering Committee	2012 – 2014
Member	Technology & Society Minor Undergraduate Program Committee	2012 – 2017

Ad-hoc Committees (Faculty / University Level)

Ad-hoc Committees at UBC

Office Held	Committee	Dates
Member	NSERC CREATE Internal Selection Committee	2020
Department Member	EDCP-Ad hoc Committee on Technology, Instruction and Communication (EDCP-ACTIC)	2020
Department Member	Associate Dean, Teacher Education Search Committee	2018

Department Member	Killam Faculty Teaching Prize and Sessional/Lecturer Teaching Prize Committee	2018
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Ad-hoc Committees at UVic

Office Held	Committee	Dates
Department Member	Director, School of Exercise Science, Physical & Health Education Search Committee	2015
Member-at-Large	Academic Leadership Retreat Planning Committee, VPAC	2014
Member	Director, Technology Integrated Learning Search Committee, VPAC	2013
Department Member	Associate Dean, Teacher Education Search Committee	2013
Faculty of Education Member	University of Victoria Internal Research Grants Adjudication Committee, ORS	2012
Member	Faculty of Education Retreat Planning Committee	2011 – 2012

Department Committees**Department Committees at UBC**

Office Held	Committee	Dates
Member	Departmental Standing Personnel Committee (DSPC)	2018 – 2019
Member	Graduate Awards Committee (GAC2)	2017 – 2018
Member	Undergraduate Advisory Committee (UAC)	2017 – 2019

Department Committees at UVic

Office Held	Committee	Dates
Area Member	Math/Science Education MEd Graduate Cohort	2015
Area Member	Merit Committee	2012
Area Member	Graduate Advisory Committee	2011 – 2013
Member	Vancouver Island North Cohort Committee	2011 – 2012

(c) Other service**Other service at UBC**

Role	Activity	Dates
Joint Area Coordinator	Media & Technology Studies Education	present

Member	STEM2020 Conference Steering Committee	2018 – present
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Other service at UVic

Role	Activity	Dates
Member	Member, Disability Committee, University of Victoria Faculty Association	2016 – 2017
Department Liaison	University of Victoria Faculty Association	2016 – 2017
Undergraduate Advisor	Undergraduate Advisor, Educational Technology Department of Curriculum & Instruction	2015 – 2017
Member	Edtech Focus Group TLTC Educational Technology Services Review Working Group	2015
Member	Privacy Focus Group TLTC Educational Technology Services Review Working Group	2015
Report Writer	Faculty of Education, Elementary B.Ed. Post Degree Curriculum Redesign Mapping	2014
Report Writer	Faculty of Education, Experiential Learning Mapping Project for VPAC	
Host	50th Anniversary Open House; TIE Lab Tour and Presentation	2013
Host	Alumni Open House; TIE Lab Tour and Presentation	
Delegate	Faculty of Education Delegation to China to re-establish a formal partnership with East China Normal University (ECNU)	2012
Host	Delegation from East China Normal University (ECNU), TIE Lab Tour and Presentation	2012

Invited Talks for Graduate and Undergraduate classes

1. **Code, J.** (2016, February). *Guest speaker*. EDD 523: Internship in Counselling. University of Victoria, Victoria, BC. (FA)
2. **Code, J.** (2015, November). *Cardiac Rehabilitation Post Heart Transplant*. EPHE 441: Exercise Physiology. University of Victoria, Victoria, BC. (FA)
3. **Code, J.** (2015, November). *Leadership in nursing: A patient perspective*. NURS 110: Professional Practice I. Camosun College, Victoria, BC. (FA)
4. **Code, J.** (2013, November). *An introduction to mixed methods research*. EDCI515 eResearch Graduate Course. University of Victoria, Victoria, BC.

5. **Code, J.** (2012, January). *After the Ph.D.* ED-D660 Educational Psychology Doctoral Seminar. University of Victoria, Victoria, BC.
6. Irvine, V. & **Code, J.** (2012, January). *The 21st century university* [Webcast]. Change11 Massively Open Online Course.
7. **Code, J.** (2011, November). *Games for assessment*. SENG 435/CSC 485A: Computer-Supported Collaborative Work Seminar. University of Victoria, Victoria, BC.
8. **Code, J.** (2011, February). *Self-efficacy, assessment and motivation*. T545 Engagement and Learning: Technologies that Invite and Immerse. Harvard Graduate School of Education, Cambridge, MA, USA

11. **SERVICE TO THE COMMUNITY**

(a) **Scholarly Societies**

Organization	Office Held	Dates
Canadian Society for Digital Humanities (CSDH)	Member	2019 – present
International Society for the Learning Sciences (ISLS)	Member	2018 – present
Canadian Association for Teacher Education (CATE)	Member	2011 – present
Canadian Society for the Study of Education (CSSE)	Member	2005 – present
Canadian Association for Educational Psychology (CAEP)	Member	2005 – present
Association for the Advancement of Computing in Education (AACE)	Member	2002 – present
Canadian Heart Failure Society (CHFS)	Member	2016 – present
Canadian Cardiovascular Society (CCS)	Member	2016 – present
American Educational Research Association (AERA)	Member	2006 – present
AERA Learning Sciences SIG	Member	2006 – present

(b) **Other Societies**

(c) **Scholarly Committees**

(d) **Other Committees (current)**

Organization	Office Held	Dates
<i>International</i>		
International Heart Hub	Member, Advisory Committee on Heart Failure	2018 – present
<i>National</i>		
Health Canada	Member, Scientific Advisory Committee on Medical Devices Used in the Cardiovascular System (SAC-MDUCS)	2019 – present

Heart & Stroke Foundation	Member, Heart Failure Mission Critical Area (MCA) Heart Failure Committee	2017 – present
Heart & Stroke Foundation	Member, Women's Heart & Brain Health Research Steering Committee	2017 – present
<i>Provincial</i>		
Government of British Columbia	Public Beneficiary Representative, Medical Services Commission of BC	2016 – present
Cardiac Services BC, PHSA	Senior Patient Advisor, Provincial Health Services Authority, Cardiac Services Steering Committee	2016 – present

(e) Editorships (list journal and dates)

Journal	Role / Subject	Dates
Education Sciences	Guest Editor / Self-Regulated Learning & Learning Technologies	2019 – present
Frontiers in Education	Review Editor / STEM Education	2018 – present
Journal of Online Learning and Teaching	Co-Editor / Special issue on Massive Open Online Courses [Volume 9, Issue 2, 249 pp]	2012 – 2013

(f) Reviewer (journal, agency, etc. including dates)**Grant Reviewer**

Agency	Subject / Committee	Dates
Social Sciences and Humanities Research Council	Education & Social Work / Insight Development Grants Selection Committee (430-5E)	2017
National Science Foundation (US)	Science Education / Research and Evaluation on Education in Science and Engineering (REESE)	2011

Journal / Book Reviewer

Journal	Subject	Dates
JACC Heart Failure	Cardiology	2019 – present
Canadian Journal of Education	Education	2019 – present
British Medical Journal	General Medicine; Patient Reviewer	2016 – present
Computers & Human Behaviour	Educational technology; learning sciences	2007 – present
Computers & Education	Educational technology; learning sciences	2016 – present
International Journal on E-learning	E-learning; educational technology; higher education	2012 – 2016

Journal of Computers in Mathematics and Science Teaching	Math and science teaching; educational technology in STEM	2012 – 2016
Journal of Interactive Learning Research	Research in learning technologies and interactive learning environments	2012 – 2016

(g) External Examiner (indicate universities and dates)

Student Name	Program Type	Date	Role	Department / Institution
Sumner, Todd	Ph.D.	2016, September	External Examiner	EdTech. / UAlberta
Symmons, Janet	M.Ed.	2013, July	External Examiner	Curriculum / Brock University

(h) Consultant (indicate organization and dates)**(i) Other service to the community****Executive and Board Appointments**

Organization	Office Held	Dates
HeartLife Foundation of Canada	Board Chair	2016 – present
HeartLife Foundation of Canada	Co-Founder, President	2016 – present

Examining Committee Chair (indicate universities and dates)

Student Name	Program Type	Date	Role	Department / Institution
Jungen, Philip	M.Ed.	2016, September	Chair	Curriculum / UVIC
Smith, Vivian	Ph.D.	2013, February	Chair	Interdisciplinary / UVIC
Shortreed, David	M.Ed.	2012, December	Chair	Curriculum / UVIC

12. AWARDS AND DISTINCTIONS**(a) Awards for Teaching****Awards Received by Students I Successfully Nominated and Supervised**

Student	Name of Award / Organization	Date
Kieran Forde	Faculty of Education Graduate Research Assistant Award / UBC	2019 – 2020
Fabian Froehlich	Teaching as Research (TAR) Graduate Award / UBC	2019 – 2020

Neta Herrage	Jamie Cassels Undergraduate Research Award / UVIC	2013 – 2014
Jamie Burren	Jamie Cassels Undergraduate Research Award / UVIC	2013 – 2014
Jeffrey Horncastle	Jamie Cassels Undergraduate Research Award / UVIC	2012 – 2013
Jamie Elbert	Jamie Cassels Undergraduate Research Award / UVIC	2012 – 2013
Kathryn Hall	Jamie Cassels Undergraduate Research Award / UVIC	2011 – 2012

(b) Awards for Scholarship

Name of Award	Organization / Title	Date
CMDO Award of Merit for an Outstanding Poster Presentation	International Behavioral Trials Network / User experiences with a pilot text messaging intervention aimed to support patients with acute coronary syndrome after discharge	2020
Outstanding Paper Award	EdMedia 2016 World Conference on Educational Media and Technology / Open badges in online learning environments: Peer feedback as an engagement intervention for promoting agency	2016
Outstanding Paper Award	EdMedia 2013 World Conference on Educational Media and Technology / Assessment for learning, of learning and as learning in 3D immersive environments	2013
Outstanding Paper Award	EdMedia 2011 World Conference on Educational Media and Technology / Student perceptions of immersive virtual environments for the meaningful assessment of learning	2011
Graduate Student Research Award	American Educational Research Association Studying and Self-regulated Learning SIG / Validating the epistemic belief inventory using item response theory	2009

(c) Awards for Service

Name of Award	Organization / Title	Date
Dr. Harold N. Segall Award of Merit	Canadian Cardiovascular Society <i>In recognition of a significant contribution to the prevention of cardiovascular disease or the promotion of cardiovascular health in Canadians</i>	2019
Outstanding Team Award	MacEwan University / eBOX Instructional Team	2004

(d) Other Awards**13. OTHER RELEVANT INFORMATION (Maximum One Page)**



THE UNIVERSITY OF BRITISH COLUMBIA

THE UNIVERSITY OF BRITISH COLUMBIA *Publications Record*

SURNAME: Code

FIRST NAME: Jillianne

Initials: JC

MIDDLE NAME(S): Reay

Date: 07/27/20

Note on Authorship: All authors on a publication have actively contributed to the manuscript; for mentored work, the student is generally first author; for peer-collaborations, unless otherwise stated, authorship order is relative to the author's contribution. Names of graduate students (current and former) are underlined.

(FA) First Author – Conceptualized and led the study as well as wrote the bulk of the manuscript.
(SA) Senior Author – Conceptualized and led the study with first author and jointly wrote the manuscript.

(CA) Contributing Author – Collaboratively conceptualized and conducted the research with the first author and jointly wrote the manuscript.

* In health sciences and medicine, peer-reviewed extended abstracts from high-impact scientific meetings are considered publications, often appear in prestigious journals, and follow journal publication rules.

1. REFEREED PUBLICATIONS

(a) *Journals*

1. **Code, J.** (2020). Representations of agency emergence in learning analytics. *International Journal of Information and Learning Technology*. (FA)
2. **Code, J.**, Ralph, R. & **Forde, K.**, (2020). Pandemic designs for the future: Perspectives of technology education teachers during COVID-19. *Information and Learning Science*. Advance online publication. <http://doi.org/d3nw>
3. **Code, J.**, Zap, N. & Ralph, R. (2020). Academic success online: Mediating the effects of personality and self-efficacy in online learning. *International Journal on E-Learning*. (FA)
4. Roston, T., Bains, M., **Code, J.**, & Virani, S. (2020). Heart failure in the young: Patient perspective and the lived experience. *Canadian Journal of General Internal Medicine*, 15(1), pp. 36-39. Advance online publication. <http://doi.org/dzg7> (CA)
5. **Code, J.** (2020). Agency for learning: Intention, motivation, self-efficacy and self-regulation. *Frontiers in Education*, 5(19). <http://doi.org/dqn6> (FA)

6. Pellegrini, D., Eliya, Y., Gavert, A., **Code, J.**, & Van Spall, H. (2020). Social media in heart failure: A mixed methods systematic review. *Journal of American College of Cardiology*, 75(11), 3536. <http://doi.org/dzgg6> (CA)*
7. Pellegrini, D., Eliya, Y., Gavert, A., **Code, J.**, & Van Spall, H. (2020). Social media in heart failure: A mixed methods systematic review. *Current Cardiology Reviews*, 16(1). Advance online publication. <http://doi.org/dg22> (CA)
8. Ralph, R., **Code, J.** & Petrina, S. (2019). Measuring theory of mind (ToM) with preschool-aged children: Storybooks and observations with iPads. *International Journal of Early Years Education*. Advance online publication. <https://doi.org/ddxb> (CA)
9. **Code, J.**, Bains, M. & Virani, S. (2019). The heart failure state of mind: An informal survey of Canadians with lived experience and the importance of considering cognitive impairment. *Canadian Journal of Cardiology*, 35(7), p. 941. <https://doi.org/ddxc> (FA)
10. **Code, J.** (2019). I am the clinical trial. *Journal of the American College of Cardiology: Heart Failure*, 7(5), pp. 439-441. <https://doi.org/ddxd> (FA)
11. Virani, S., Bains, M., **Code, J.**, Ducharme, A., Harkness, K., Howlett, J., Sussex, B., & Zieroth, S. (2017). The need for heart failure advocacy in Canada. *Canadian Journal of Cardiology*, 33(11), pp. 1450-1454. <https://doi.org/ddxf> (SA)
12. **Code, J.** & Zap, N. (2017). Assessment in immersive virtual environments: Cases for learning, of learning, and as learning. *Journal of Interactive Learning Research*, 28(3), 235-248. (FA)
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(b) Proceedings

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2. **Code, J.** & Hatzipanagos, S. (2016). Open badges in online learning environments: Peer feedback as an engagement intervention for promoting agency. In C. Fulford & G. Veletsianos et al. (Eds.), *Proceeding of the world conference on educational multimedia, hypermedia and telecommunications* (pp. 1332–1342). Vancouver, Canada: Association for the Advancement of Computing in Education (AACE). (FA)
3. Zap, N. & **Code, J.** (2016). Virtual and augmented reality as cognitive tools for learning. In C. Fulford & G. Veletsianos et al. (Eds.), *Proceeding of the world conference on educational multimedia, hypermedia and telecommunications* (pp. 1317–1324). Vancouver, Canada: Association for the Advancement of Computing in Education (AACE). (SA)
4. Leach, D., Laur, B., Bebbington, T., **Code, J.**, & Broome, D. (2014). Gamification for online engagement in higher Education: A randomized controlled trial. In A. Ochsner et al. (Eds.), *Proceedings of the games learning + society conference GLS10* (pp. 153-159) Madison, WI, USA. (CA)
5. **Code, J.** & Zap, N. (2013). Assessments for learning, of learning, and as learning in 3D immersive virtual environments. In J. Herrington et al. (Eds.), *Proceeding of the world conference on educational multimedia, hypermedia and telecommunications* (pp. 159-166). Victoria, Canada: Association for the Advancement of Computing in Education (AACE). (FA)
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10. Zap, N. & **Code, J.** (2011). Education in the third dimension: 3D stereoscopies as a cognitive tool for learning. In T. Bastiaens & M. Ebner (Eds.), *Proceedings of world conference on educational multimedia, hypermedia and telecommunications* (pp. 3718-3727). Lisbon, Portugal: Association for the Advancement of Computing in Education (AACE). (SA)
11. Johnson, G., Zaparyniuk, N. & **Code, J.** (2007). Internet use and cognitive skills: Planning, attention, simultaneous and successive processing. In C. Montgomerie & J. Seale (Eds.), *Proceedings of world conference on educational multimedia, hypermedia and telecommunications* (pp. 3273-3278). Vancouver, Canada: Association for the Advancement of Computing in Education (AACE). (CA)
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2. NON-REFEREED PUBLICATIONS

(a) Journals

(c) Other

3. BOOKS

(a) Authored

1. **Code, J.** & Zaparyniuk, N. (2003). *WebCT Campus Edition Spoonfed*. Edmonton, AB: Spoonfed Press. (FA)

(b) Edited

(c) Chapters

1. Ralph, R., Pennefather, P., **Code, J.** & Petrina, S. (2019). Too many apps to choose from: Using rubrics to select mobile apps for preschool. In S. Papadakis & M. Kalogiannakis (Eds.) *Mobile learning applications in early childhood education* (pp. 20-38). New York, NY: IGI Publishing. (CA)
2. **Code, J.** & Zap, N. (2014). Assessments for learning, of learning, and as learning in 3D immersive virtual environments. In T. Bastiens & G. Marks (Eds.), *Education and information technology 2014: A selection of AACE award papers* (pp. 209-219). Chesapeake, VA: AACE. (FA)
3. **Code, J.** (2013). Agency and identity in social media. In S. Warburton & S. Hatzipanagos (Eds.), *Digital identity and social media* (pp. 37-57). New York, NY: IGI Publishing. (FA)
4. **Code, J.**, Clarke-Midura, J., Zap, N., & Dede, C. (2012). Student perceptions of immersive virtual environments for the meaningful assessment of learning. In T. Bastiaens & G. Marks (Eds.), *Education and information technology 2012: A selection of AACE award papers* (pp. 185-194). Chesapeake, VA: AACE. (FA)
5. Clarke-Midura, J., **Code, J.**, Mayrath, M., Dede, C., & N. Zap (2012). Thinking outside the bubble: Virtual performance assessments for measuring inquiry learning. In M. Mayrath, J. Clarke-Midura, D. Robinson & G. Schraw (Eds.) *Technology based assessment for 21st century skills: Theoretical and practical implications from modern research* (pp. 125-147). New York, NY: Information Age Publishing. (SA)
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8. **Code, J.**, & Zaparyniuk, N. (2009). The emergence of agency in online social networks: Implications for education. In S. Hatzipanagos & S. Warburton (Eds.), *Handbook of research on social software and developing community ontologies* (pp. 102-118). New York, NY: IGI Publishing. (FA)
9. **Code, J.**, & Zaparyniuk, N. (2009). Social identities, group formation, and analysis of online communities. In S. Hatzipanagos & S. Warburton (Eds.), *Handbook of research on social software and developing community ontologies* (pp. 86-101). New York, NY: IGI Publishing. (FA)
10. Zaparyniuk, N., & **Code, J.** (2009). Self-regulated learning in video game environments: Implications for educational gaming. In R. Ferdig (Ed.), *Handbook of research on effective electronic gaming in education* (pp. 738-756). New York, NY: IGI Publishing. (FA)

(d) Reprints

1. **Code, J.**, & Zaparyniuk, N. (2011). The emergence of agency in online social networks. In Information Resources Management Association (Ed.), *Virtual communities: Concepts, methodologies, tools and applications* (pp. 2378-2394). New York, NY: IGI Publishing. (FA)
2. **Code, J.**, & Zaparyniuk, N. (2010). The emergence of agency in online social networks. In S. Dasgupta (Ed.), *Social computing: Concepts, methodologies, tools, and applications* (pp. 1906-1922). New York, NY: IGI Publishing. (FA)
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4. PATENTS

5. SPECIAL COPYRIGHTS

6. ARTISTIC WORKS, PERFORMANCES, DESIGNS

1. **Code, J.** (2018, October 20 – 22). *Borrowed Time* [Mixed media on paper]. Canadian Cardiovascular Congress, Toronto, ON.
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7. OTHER WORKS

(a) Conference Workshops

(b) Software Development

1. **Code, J.** & Zap, N. (2019). *Falling Skies v2.0* [Mobile application]. University of British Columbia, Vancouver, BC.
2. **Code, J.** & Zap, N. (2015). *Assessment for Learning in Immersive Virtual Environments (ALIVE): Falling skies!* [3D virtual environment]. University of Victoria, Victoria, BC.
3. Clarke-Midura, J., **Code, J.**, Zap, N. & Dede, C. (2011a). *Virtual performance assessment (VPA): Silence of the bees* [3D virtual environment]. Harvard Graduate School of Education, Cambridge, MA, USA.
4. Clarke-Midura, J., **Code, J.**, Zap, N. & Dede, C. (2011b). *Virtual performance assessment (VPA): There's a new frog in town* [3D virtual environment]. Harvard Graduate School of Education, Cambridge, MA, USA.
5. **Code, J.**, Torgerson, C., & Fuchs, A. (2001). Director 8 MacAcademy/Windows Academy Training Series. Ormond Beach, Florida, U.S.A.: Florida Marketing International.
6. Zaparyniuk, N., & **Code, J.** (2001). Alberta Teachers Association Science Conference 2000 CD-ROM. Edmonton, Alberta, Canada: Alberta Teachers Association Science Council.

(c) Articles

1. Forde, K., Ralph, R. & **Code, J.** (2020). *Tech Ed during COVID: Safety, engagement, and access*. *Teacher Magazine*.
2. **Code, J.** (2007). Knocking on the door: An Interview with Dr. Philip H. Winne. *Canadian Association of Educational Psychology Newsletter*.

(d) Media Engagement

1. Heart & Stroke Foundation. (2019, May 7). The time is now! Learning more about living with Heart Failure. Retrieved from: <http://bit.ly/HFAW070519>
2. Global National News. (2019, February 6). Heart problems can affect your brain too, report says. Retrieved from: <http://bit.ly/GLNN060119>
3. Heart & Stroke Foundation. (2019, February 1). (Dis)connected: How unseen links are putting us at risk. 2019 Report on Heart, Stroke and Vascular Cognitive Impairment. Retrieved from: <http://bit.ly/HSECVCI2019>
4. CBC Early Edition. (2018, June 1). Heart failure symposium: Patient engagement at conferences. Retrieved from: <http://bit.ly/CBCEE060118>
5. CTV Vancouver Breakfast TV. (2018, April 26). Two patients, four transplants. Retrieved from: <http://bit.ly/CTVBT042618>
6. Victoria Times Colonist. (2016, February 3). Heart failure patient: 'Without these people, I wouldn't be alive'. Retrieved from: <http://bit.ly/TCVICHF020316>

7. VicNews. (2016, January 13). New heart saves Fairfield woman's life. Retrieved from: <http://bit.ly/VN1301161>
8. **Code, J.** (2016). 5 ways a heart transplant saved my life. *PHC News*. Available online: <http://phcnews.ca/news/5-ways-heart-transplant-saved-my-life>
9. BC Gov News. (2015, December 23). The decision that someone made to donate their organs not only saved my life – it gave me a new sense of purpose. Ministry of Technology, Innovation and Citizens' Services. Retrieved from: <https://news.gov.bc.ca/10045>
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11. CBC News. (2015, October 12). Heart transplant recipient completes 8 km race 1 year after surgery. Retrieved from: <http://bit.ly/CBC121015>
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8. **WORK SUBMITTED**

(a) **Accepted**

1. Ross, E., Sakakibara, B., Mackay, M., Whitehurst, D., Singer, J., Toma, M., Corbett, K., Rutherford, K., Gheorghiu, B., **Code, J.**, & Lear, S. (accepted). User experiences with a pilot text messaging intervention aimed to support patients with acute coronary syndrome after discharge, *Annals of Behavioral Medicine*. (CA)* [International Behavioral Trials Network (IBTN) Global 2020 Conference Proceedings – Issue TBD]

(b) **Submitted**

(c) **In revision**

1. Ralph, R., Forde, K., & **Code, J.** (in revision). Pandemic pedagogy: An exploration of high school technology education teachers' shift to remote teaching during COVID-19. *Information and Learning Sciences*. (CA).
2. Ralph, R., Currie, L. & **Code, J.** (in progress). Project-based learning and technology: A systematic review. *Computers and Education*. (CA)
3. Froehlich, E. & **Code, J.** (in revision). Learning analytics in the 21st century: Caught between ideologies. *Journal of Learning Analytics*. (SA)
4. Ross, E., Sakakibara, B., Mackay, M., Whitehurst, D., Singer, J., Toma, M., Corbett, K., Rutherford, K., Gheorghiu, B., **Code, J.**, & Lear, S. (submitted). The use of text messaging to improve the hospital-to-community transition in acute coronary syndrome patients (Txt2Prevent): Results from a pilot randomized controlled trial. *Journal of Medical Internet Research (JMIR)*. (CA)
5. Ross, E., Sakakibara, B., Mackay, M., Whitehurst, D., Singer, J., Toma, M., Corbett, K., Rutherford, K., Gheorghiu, B., **Code, J.**, & Lear, S. (submitted). *The use of text messaging to improve the*

hospital-to-community transition in acute coronary syndrome patients (Txt2Prevent): Participant experiences and feedback on the program design and delivery. Journal of Medical Internet Research (JMIR). (CA)

9. WORK IN PROGRESS

1. **Code, J., Forde, K. & Ralph, R.** (in progress). Teaching at a pandemic pace: Effect of emergency remote teaching on teacher self-efficacy during COVID-19. *Teaching and Teacher Education*. (FA; 90%; Timeline to completion: July 2020)
2. **Code, J.** (in progress). Agency for learning in middle school science inquiry. *Canadian Journal of Science, Mathematics and Technology Education*. (FA; 85%; Timeline to completion: May 2020)
3. **Code, J., Zap, N. & Ralph, R.** (in progress). Agency and self-efficacy for online learning. *Computers and Human Behavior*. (FA; 80%; Timeline to completion: 2020)
4. **Code, J. & Spertus, J.** (in progress). Patients' experiences as a basis for quality measurement in heart failure. *Journal of the American Medical Association (JAMA)*. (FA; 80%; Timeline to completion: June 2020)
5. **Code, J.** (in progress). Empowering student voices along the engagement continuum. Manuscript in preparation. (FA; 40%)
6. **Code, J., Ralph, R. & Froelich, E.** (in progress). Assessment in immersive and virtual environments: A systematic review. Manuscript in preparation. (SA; 25%)
7. **Ralph, R., Code, J., Pennefather, P. & Coady, Y.** (in progress). XR Systematic Review: Virtual/Augmented/Mixed Reality in high schools. Manuscript in preparation. (SA; 50%)
8. **Code, J.** (in progress): From heart failure to heart life – An autoethnographic account of heart failure. Manuscript in preparation. (FA; 40%)
9. **Namae, S. & Code, J.** (in progress). Teacher technology competencies for 21st century learning: The case of Uganda and Canada. In T. Neimann & U. Stelson (Eds.), *Challenges and Opportunities in Global Approaches to Education*. New York, NY: IGI Publishing. (CA; 25%)