



# THE UNIVERSITY OF BRITISH COLUMBIA

## *Curriculum Vitae for Jillianne Code*

**DATE:** July 14, 2022  
**WEBSITE:** jillianne.ca  
**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	PhD	Educational Psychology	2005 – 2010
University of Alberta	MEd	Educational Psychology Specialization in Instructional Technology	1999 – 2002
University of Alberta	BEd	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

University or Organization	Rank or Title	Academic Unit	Dates
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	Centre for the Study of Teacher Education	2020 – present
Member	SmarT Innovations for Technology Connected Health (STITCH) Cluster	2020 – present
Member	Designing for People Research Cluster	2019 – 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
Royal Roads University	Associate Faculty	College of Interdisciplinary Studies	2019 – 2021
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*

I believe that the educational experience of the curriculum is both lived (*currere*; Pinar, 1975; 2015) and living (*agency*; Bandura, 1986; 2006). I use the term *education* here in the broadest sense – as an enlightening experience necessarily unbundled from schooling – expanding its meaning to include all aspects of life experience. My interdisciplinary philosophy of education forms the foundation of all aspects of my scholarship, encompassing my approach to research, teaching, and service. I value and place a particular emphasis on pedagogical approaches to:

- Learner agency and choice, particularly as it relates to the 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;
- Critical application of technology in ADST (applied design, skills and technologies), STEM, and health education.

### (b) *Courses Taught*

Session	Course Number	Total Scheduled Hours	Class Size	Hours Taught per Week			
				Lec.	Tut.	Lab	Other
2022S1	EDCP 474 (93A)	39	16	3			
2021W2	EDCP 571 (031)	39	20	3			
2021S2	EDUC 452B (305)	39	18	3			
2020W2	EDCP 570 (001)	39	21	3			
2020W2	EDUC 500 (004)	39	21	3			
2020W1	EDUC 450B (305)	39	21	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

EDUC 452 Inquiry Seminar III Design & Technology

EDCP 571 History of Media and Technology in Education  
 EDCP 474 Digital Media: Design and Pedagogy  
 EPSE 423 Assessment of Classroom Learning

EDUC 450 Inquiry Seminar I Design & Technology  
 EDUC 451 Inquiry Seminar II Design & Technology  
 EDUC 500 Research Methodology in Education

**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

**(c) Graduate Research Supervision**

Student Name	Program Type	Year		Supervisory Role
		Start	Finish	
Nesrine El Bana	PhD	2022		Supervisor
Leena Alkhamash <sup>5</sup>	PhD	2021		Co-Supervisor
Rachel Moylan <sup>**</sup>	PhD	2020		Supervisor
Kieran Forde <sup>1</sup>	PhD	2019		Supervisor
Cristina Soto	PhD	2018		Co-Supervisor
Amelia Cole <sup>4</sup>	PhD	2019	2022	Committee
Heather Lannon <sup>3</sup>	DSSc	2017	2021	Supervisor
Stella Namae	PhD	2020	2020	Committee
Aimee Lutrin	MA	2022		Supervisor
Zahira Tasabehji	MA	2022		Supervisor
Charlene Chong	MA	2017	2022	Committee

Student Name	Program Type	Year		Supervisory Role
		Start	Finish	
David Wray	MA	2020	2020	Committee
Fabian Froehlich <sup>2</sup>	MA	2018	2020	Supervisor
<b>Graduate Research Supervision at UVic</b>				
Lyndze Harvey	PhD	2016	2020	Committee
Michael Hammond-Todd	PhD	2012	2017	Committee
Andrew Marchand	PhD	2012	2017	Committee
Craig Behan	PhD	2012	2016	Committee
Jamie Elbert*	MA	2014	2017	Supervisor
Wade Strass	MA	2012	2014	Committee
Ian Cooper	MA	2012	2013	Committee
Jalbert, Rachel	MA	2013	2013	Committee
Brad Cunningham	MA	2011	2012	Committee
Abrami, Jessica	MA	2012	2012	Committee

<sup>1</sup>Provost Fellow for Online Learning <sup>2</sup>Teaching as Research Graduate Award Recipient <sup>3</sup>Doctor of Social Science (RRU) <sup>4</sup>UBC iSchool <sup>5</sup>UBC ISGP \*Social Science and Humanities Research Council funding recipient \*\*Doctoral Recruitment Award Recipient

### Post-Doctoral Research Fellows

Fellow Name	Program Type	Year		Supervisory Role
		Start	Finish	
Dr. Rachel Ralph	SSHRC IDG 430-2016-00480	2018	2020	Supervisor

### (d) Graduate Program Supervision

Student Name	Program Type	Year		Supervisory Role
		Start	Finish	
Markus Beutel	MEd	2021		Supervisor
Alison Bloom	MEd	2021		Supervisor
Qihan Molly Chen	MEd	2021		Supervisor
Jonathan Eagles	MEd	2021		Supervisor
Russell Evanisky	MEd	2021		Supervisor
Julian Gargiulo	MEd	2021		Supervisor
Andrew McKenna	MEd	2021		Supervisor
Alana Meyer	MEd	2021		Supervisor
Levente Mihalik	MEd	2021		Supervisor
Duncan Reed	MEd	2021		Supervisor
Nigel Reedman	MEd	2021		Supervisor
Aaron Stariha	MEd	2021		Supervisor
Amanda Upton	MEd	2021		Supervisor
Katia Villeneuve	MEd	2021		Supervisor
Jiayu Zhang	MEd	2021		Supervisor
Katra Farah	MEd	2019		Supervisor
Alicia Martin	MEd	2020	2022	Committee

Student Name	Program Type	Year		Supervisory Role
		Start	Finish	
Saman Yousefifard	MEd	2019	2021	Supervisor
Gary Lesperence	MEd	2019	2022	Supervisor
Mariacarmen Villareal	MEd	2017	2020	Committee
Kieran Forde	MEd	2017	2019	Committee
<b>Graduate Program Supervision at UVic</b>				
Jennifer Nixon	MEd	2012	2014	Supervisor
Halimat Alabi*	MEd	2012	2013	Supervisor
Aaron Maxwell	MEd	2010	2011	Committee

\*Went on to a Ph.D. at SFU, received Social Science and Humanities Research Council funding, and is now on Faculty at UBC

(e) *Continuing Education Activities*

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

(g) *Other*

#### **Courses Created**

Course No.	Course Title	Course Level / Program	Delivery Method
EDCP 474	Digital Media: Design and Pedagogy	Undergraduate / MEd in MTSE	Online
EDCP 570*	Seminar in the Teaching of ICT <i>Special Topic: Critical Thinking in the Age of Social Media</i>	Graduate / MEd/MA in MTSE	Online
EDUC 450B (305) *	Inquiry Seminar I Design & Technology	Bachelor of Education / Teacher Education	Online
EDUC 451B (305) *	Inquiry Seminar II Design & Technology	Bachelor of Education / Teacher Education	Online
EDUC 452B (305) *	Inquiry Seminar III Design & Technology	Bachelor of Education / Teacher Education	Online
<b>Courses Created at UVic</b>			
EDCI 335	Learning Design	UGrad / BEd, Certificate	Campus, Online
EDCI 336	Technology Innovation in Education	UGrad / BEd, Certificate	Campus
EDCI 337	Interactive & Multimedia Learning	UGrad / BEd, Certificate	Online
EDCI 338	Social Media & Personalized Learning	UGrad / BEd, Certificate	Online
EDCI 339	Distributed & Open Learning	UGrad / BEd, Certificate	Online
EDCI 584	Mixed Methods Research	Grad / MA, PhD Elective	Campus, Online

\*Due to the COVID-19 global pandemic, all of my instruction for 2020 and 2021 was transitioned and delivered remotely. The transition to online learning involved significant re-consideration, re-design, and

different instruction from a traditional face-to-face setting. The 500 level courses were revised and moved to remote learning. EDCP 570 was designed and developed to run for the first time, specifically online, intended for the MTSE Online Cohort (ahead of schedule), but offered in 2020W2.

*Note:* The Design & Technology students (section 305) are a unique cohort of students with a non-traditional pathway through our joint Technology Teacher Education program with BCIT. The approach to teaching the suite of inquiry courses for this cohort is already outside the ‘norm’ for the Faculty of Education, and any centrally provided resources were *not applicable*. So, I took on the online design and development work on my own.

### **Program Development**

<b>Program / Role</b>	<b>Course Level / Program</b>	<b>Delivery Method</b>
MTSE – Online MEd Program / Program Coordinator	Graduate / EDCP	Online
Certificate in Education – ADLT / Program Coordinator	UGrad / EDCP	Online
<b>Program Development at UVic</b>		
PSC in ICT / Program Coordinator	UGrad / Certificate	Online
TIE Graduate Cohort / Committee Member	Graduate / MEd	Online, Campus
North Island CS Cohort Committee / Committee Member	Graduate / MEd	Online, Community

### **Teaching related activities**

<b>Date</b>	<b>Activity Description</b>
2018 – present	<u>MTSE Online Graduate Program</u> . In the Fall of 2018, I began initial plans and consultations with EDCP STEM colleagues to develop a proposal for a blended/online MEd program in MTSE. I am the Coordinator for this program submitted in 2019 to PDCE and FIC for approval. Approved in November 2020, the MTSE Online program began in September 2021.
2017	<u>Pilot Canvas for Faculty of Education</u> . For the Fall 2017 term, I integrated UBC’s new learning management system, <i>Canvas</i> , as a pilot project with the Faculty’s Educational Technology Support (ETS) team. 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.
<b>Teaching related activities at UVic</b>	
2012 – 2014	<u>Educational Technology Learning Network (ETLN)</u> . The ETLN was a complete online social network with course materials, student profiles, and blogs. I designed, developed, and set up the ETLN to support the learning strategies and approaches required to meet the established outcomes of EDCI336.
2011	<u>Course Re-design</u> . I worked collaboratively with Dr. Valerie Irvine to develop a standardized curriculum for our undergraduate educational technology course (EDCI336) to ensure alignment with UVic Teacher Education Standards, BC Teacher Regulation Standards, and the National Educational Technology Standards for Teachers (NETS*T; ISTE).

## 9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

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

Agency and identity development are central tenets of my scholarship and play a key role in shaping my identity as a woman, researcher, and person with a medical disability. I advance my educational and interdisciplinary scholarship by engaging in fundamental questions about: *How do we learn? Does technology make a difference? How does technology impact our agency as humans?* I explore these questions by examining the nature of human agency across the disciplines of ADST – applied design, skills, and technology; STEM – science technology, engineering, and math; and through the democratization of knowledge in the process. Selected themes of my research include:

#### **Technology and its Applications to Educational Contexts:**

- Critical examination of learning environments in ADST & STEM (Code et al., 2020, 2022);
- Democratization of knowledge through social media and technology (Code, 2013);
- Design and validation of virtual environments for assessment (Code & Zap, 2017);
- Public pedagogy and the psychosocial impacts of technology (Code et al., 2021).

#### **Methodological Innovation for Understanding Self-Processes and Agency:**

- Through measurement (Code, 2020) and learning analytics (Code, 2021);
- As education through public discourse and knowledge translation (Code, 2019);
- As the object of study using autoethnography (Code, 2019, 2022).

### (b) Research or equivalent grants

#### **External Grants**

Agency	Competition / Subject	C/NC*	\$	Year	PI	Co-I
SSHRC	Agency for Learning in Immersive and Virtual Environments	C	\$399,003	2022 – 2027 5 years	<b>Code, J</b>	Ralph, R Zap, N  <i>Collaborator</i> MacDowell, P
CIHR <sup>2</sup> PA: Patient-Oriented Research: Early-Career Investigator	Project Grant / Patient Treatment Preferences and Decisional Needs for Heart Failure Medications	C	\$100,000	2022 1 year	<u>NPA</u> <sup>4</sup> Turgeon, R (UBC)  <u>PA</u> <sup>4</sup> Harrison, M (UBC)	Bansback, N Bains, M <b>Code, J</b> Snow, E Virani, S
SSHRC <sup>1</sup>	Partnership Engage Grant / Beyond the academy: Professional agency and learning in virtual contexts	C	\$25,000	2021 1 year	<b>Code, J</b>	Webb, A Machulak, E  <i>Partner Organization:</i> Hikma Strategies



Agency	Competition / Subject	C/NC*	\$	Year	PI	Co-I
CIHR <sup>2</sup> Gender, Sex & Health	Project Grant / <i>From the heart: Canadian women's lived experiences of heart failure</i>	C	\$355,725	2021 – 2024 3 Years	<u>NPA</u> <sup>4</sup> Susan Law (UofT)  <u>PA</u> <sup>4</sup> <b>Code, J</b> Smilovich, M (McGill).	<u>Co-Applicants:</u> Marwaha, S, Marzolini, S, Colella, T, Dionne, E Giannetti, N, Kuluski, K, Mansfield, L, Colantonio, A, Wright, D.
CIHR <sup>2</sup> COVID-19 Mental Health  COVID-19 MH/SU - Developing Innovative Adaptations of Services/Delivery	Operational Grant / vCHAT-MH (a Virtual Community promoting Health literacy, self-care, and peer support for those living at increased risk of COVID19) – <i>Mental Health</i>	C	\$199,049	2020 – 2021 1 year	Nolan, R (UofT)	Akbari, A <b>Code, J</b> Husztai, E Ong, S Thomas, S Arcand, J Posada, J Ibrahim, A Pope, B Torbay, C Auguste, B Farkouh, M Kaczorowski, J Rac, V Chan, C Grover, S Maunder, R Ross, H
CIHR <sup>2</sup>  Psychosocial, Sociocultural & Behavioural Determinants of Health	Project Grant / vCHAT-HF (a Virtual Community promoting Health literacy, self-care, and peer support for HF) – <i>Pilot RCT</i>	C	\$304,009	2020 – 2022 2 years	Nolan, R (UofT)	Arcand, J <b>Code, J</b> Husztai, E MacIver, J Rac, V Ross, H Thomas, S Tomlinson, G Pope, B
CIHR <sup>2</sup>  Health Services Evaluation & Interventions Research	Project Grant / <i>Virtual Clinics to Improve Quality of Care and Outcomes in Heart Failure: A Multi-Centre Randomized Controlled Trial</i>	C	\$320,596	2020 – 2023 3 years	Van Spall, H (McMaster)	<b>Code, J</b> Lear, S Lee, S F Scott, T Whitelaw, S Xie, F
CIHR <sup>2</sup>  Personalized Health - novel e- health applications	Catalyst Grant / <i>Personalized Health – Improving heart failure outcomes through apps that support self-management and adherence</i>	C	\$146,368	2018 – 2020 2 years	Arcand, J (UOIT)	Sommers, J Blackburn, D <b>Code, J</b> Ezekowitz, J Farmer, A Lemondé, M Mak, S
SSHRC <sup>1</sup>	Insight Development / <i>Assessment for learning in immersive virtual environments (ALIVE)</i>	C	\$70,600	2018 – 2020 2 years	<b>Code, J</b>	Zaparyniuk, N

Agency	Competition / Subject	C/NC*	\$	Year	PI	Co-I
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 1 year	Ross, H Scientific Director (UofT)	My role: Co-Investigator, Board of Directors, Member; Patient Engagement Leader
<b>External Grants at UVic</b>						
Heart & Stroke Foundation	National Roundtable on Heart Failure, Travel grant	NC	\$5,000	2016	<b>Code, J</b>	
SSHRC <sup>1</sup>	Insight / Personalized Learning in Practice in British Columbia (Grades 6-9)	C / 4A <sup>3</sup>	\$103,427	2016 – 2019	Tobin, R	<b>Code, J</b>
Doctors of BC	Institute for Healthcare Improvement, Orlando, Florida; Travel grant	NC	\$5,000	2015	<b>Code, J</b>	
MITACS	Accelerate / CanDo: A Smart App for Cognition	C	\$150,000	2013 – 2015	Coady, Y	Livingston, R Skelton, J <b>Code, J</b>
Society for Learning Analytics	Learning Analytics Summer Institute; Travel grant	C	\$2,000	2013	<b>Code, J</b>	
BC Ministry of Education + partners	edCampWest for K12 and Higher Ed	NC	\$6,000	2013	Irvine, I	<b>Code, J</b>
SSHRC	Insight Development / Assessment for learning in immersive virtual environments (ALIVE)	C / 4A <sup>3</sup>	\$75,000	2012	<b>Code, J</b>	
Canadian Networks of Innovation in Education (CNIE)	AMTEC Trust Award	C	\$1500	2013	<b>Code, J</b>	
Apple Canada	iTunes University	NC	\$12,000	2011 – 2013	Irvine, V	<b>Code, J</b>
TELUS	Innovation Forum	NC	\$10,000	2011	Irvine, V	<b>Code, J</b>

\*Grants were obtained competitively (C) or non-competitively (NC)<sup>1</sup>Social Sciences and Humanities Research Council of Canada; <sup>2</sup>Canadian Institutes for Health Research <sup>3</sup> Recommended for funding; <sup>4</sup>PI: Principal Investigator, NPA: Nominated Principal Applicant, PA: Principal Applicant, Co-I: Co-Investigator, Co-Applicant

**Internal Grants**

<b>Agency</b>	<b>Competition / Subject</b>	<b>C/NC*</b>	<b>\$</b>	<b>Year</b>	<b>PI</b>	<b>Co-I</b>
UBC / EDUC	SSHRC Explore / Learner Agency in the Human-Algorithm Relationship: A Systematic Literature Review	C	\$6995.20	2022	<b>Code, J</b>	
UBC Educ. Research Infrastructure Support Services	STEM 2020 Changing the Story Conference	C	\$8,250	2019	Petrina, S	Adler, D Anderson, D, Banack, H <b>Code, J</b> Milner-Bolotin, 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	<b>Code, J</b>	
SSHRC GRF / Internal UBC	Equipment support for SSHRC IDG ALIVE	C	\$12,450	2018	<b>Code, J</b>	
David F. Robitaille Endowment Research Awards	STEM 2020 Changing the Story Conference	C	\$11,000	2019	Petrina, S	Adler, D Anderson, D, Banack, H <b>Code, J</b> Milner-Bolotin, 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 <b>Code, J</b> 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	<b>Code, J</b>	
UBC / Faculty of Education	Doctoral Recruitment Award (DRA) Annual value: \$30,000 stipend + tuition/year for 4 years	C	\$140,000	2017	<b>Code, J</b>	
<b>Internal Grants at UVic</b>						
UVic / ORS	Travel Grant	NC	\$1,000	2016	<b>Code, J</b>	
UVic / University Systems	Educational Technology Faculty Fellow	NC	\$7,500	2013	<b>Code, J</b>	
UVic / Education	Constructivist Education Research Network (CER-Net)	C	\$10,000	2013	<b>Code, J</b>	

Agency	Competition / Subject	C/NC*	\$	Year	PI	Co-I
UVic / LTC, University Systems	Gamifying the Classroom	NC	\$5,000	2013	Leach, D	Code, J Bebbington, 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	
UVic / ORS	Travel Grant	NC	\$1,000	2016	Code, J	

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

### Scholarship of Teaching and Learning

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	Clinical Trials Projects / Rapid Up-titration of Guideline Based therapy In Heart Failure (RUGBY- HF)	C	\$4,055,000	2022	Ezekowitz, J	Code, J Goodman, S Lee, D
CIHR	Clinical Trials Projects / Comparative Effectiveness of Contemporary Heart Failure Medical Management With vs. Without an ICD (CONTEMP-ICD) trial	C		2022	Ezekowitz, J	Code, J Hawkins, N Healy, J Manlucu, J Sandhu, R Bennett, M Dorian, P Ha, A Hill, M Howlett, J McDonald, M Mielniczuk, L O'Meara, E Parkash, R Raymond- Paquin, A Redpath, C Sharma, A Sterns, L Yogasundaram, H Zieroth, S

\*Grants under development are competitive (C) or non-competitive (NC) <sup>1</sup>PI: Principal Investigator, NPA: Nominated Principal Applicant, PA: Principal Applicant <sup>2</sup>Co-I: Co-Investigator, Co-Applicant

**Grants Under Development**

Agency	Competition / Subject	C/NC *	\$	Year	PI	Co-I

\*Grants under develop are competitive (C) or non-competitive (NC) <sup>1</sup> NPA = nominated principal applicant; <sup>2</sup> PA = principal applicant

**(c) Research or equivalent contracts****(d) Invited Presentations**

Note: Names of graduate students and post-docs are underlined.

**Presentations**

1. **Code, J.** (2022, March). *Pandemic transformed pedagogy* [Invited presentation]. EdTech Talk, Vancouver, BC. (FA)
2. Ralph, R., Forde, K., & **Code, J.** (2020, October). *Pandemic designs for the future: Perspectives of technology education teachers during COVID-19* [Invited presentation]. Association for Information Science and Technology (ASIS&T) Annual Meeting, Hong Kong. (CA)
3. **Code, J.**, Ralph, R. & Forde, K. (2020, October). *Pandemic designs for the future: Perspectives of technology education teachers during COVID-19* [Invited presentation]. BCTEA Annual Conference, Vancouver, BC. (FA)
4. Virani, S., & **Code, J.** (2018, May). *What patient advocacy means in 2018* [Invited presentation]. Heart Failure Update, Canadian Heart Failure Society, Toronto, ON.
5. **Code, J.** (2017, May). *The who, what, why & how of advocacy for heart failure patients* [Invited presentation]. Heart Failure Update, Canadian Heart Failure Society, Toronto, ON.
6. **Code, J.** (2015, December). *It's a Wonderful Life: Cardiac Christmas Rounds* [Invited presentation]. University of British Columbia Division of Cardiology, Vancouver, BC. (FA)
7. Todd-Whiting, R., Tolentino, A. & **Code, J.** (2015, September). *Opening doors: Embracing family-centred care in a cardiac surgery intensive care unit* [Invited presentation]. In A. Kaan (Chair), Heart Centre Nursing Rounds, Providence Health Care, Vancouver, BC. (SA)
8. **Code, J.** (2015, September). *My journey to heart transplant* [Invited presentation]. WomenHeart Support Group, Royal Jubilee Hospital, Victoria, BC. (FA)
9. **Code, J.** (2015, September). *My transplant story* [Invited presentation]. BC Transplant Society, Vancouver, BC. (FA)
10. 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)* [Invited presentation]. In J. Aragon (Chair), Technology Integrated Learning Session. Panel at the New Faculty & Librarian Orientation, University of Victoria, Victoria, British Columbia, Canada. (SA)

11. **Code, J.** (2015, August). *My journey to heart transplant* [Invited presentation]. Service BC, Ministry of Technology, Innovation & Citizen's Services, Victoria, BC. (FA)
12. **Code, J.** (2014, June). *Heart failure to Harvard* [Invited presentation]. The Heart Centre Cardiac Nurse Education Day, University of British Columbia, Vancouver, BC. (FA)
13. **Code, J.** & Irvine, V. (2012, January). *Teaching and learning with technology* [Invited presentation]. Inspiration Series: New Ways of Teaching and Learning, BC Ministry of Education, Victoria, BC.
14. **Code, J.** & Irvine, V. (2011, November). *21st-century teaching, learning and assessment* [Invited presentation]. Inspiration Series: New Ways of Teaching and Learning, BC Ministry of Education, Victoria, BC.
15. Clarke-Midura, J., Mayrath, M., **Code, J.**, Dede, C. & Kane, L. (2010, June). *Exploring the potential of immersive virtual environments for summative assessments* [Invited presentation]. 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 presentation]. International Behavioral Trials Network (IBTN) Global 2020 Conference, Montreal, Canada. <https://www.ibtnetwork.org/conference/posters/ross/> (CA)
2. **Code, J.** (2012, April). *Agency as a mediator of academic achievement* [Paper presentation]. American Educational Research Association Annual Meeting, Vancouver, Canada. (FA)
3. Irvine, V., Hermanson, D., & **Code, J.** (2012, April). *Evaluation of web presence in K12 education* [Paper presentation]. American Educational Research Association Annual Meeting, Vancouver, Canada. (CA)
4. Clarke-Midura, J., **Code, J.**, Zap, N., & Dede, C. (2011, Sept). *Exploring the utility of a virtual performance assessment* [Paper presentation]. Society for Research on Educational Effectiveness (SREE): Building and Education Science: Improving Mathematics and Science for all Students Conference, Washington, DC. (SA)
5. **Code, J.**, Clarke-Midura, J., Mayrath, M., & Dede, C. (2011, April). *Student perceptions of the assessment utility of immersive virtual environments* [Paper presentation]. American Educational Research Association Annual Meeting, New Orleans, LA. (FA)
6. Clarke-Midura, J., **Code, J.**, Mayrath, M., & Dede, C. (2011, April). *Using evidence-centred design to develop immersive virtual assessments* [Paper presentation]. American Educational Research Association Annual Meeting, New Orleans, LA. (SA)

7. Clarke-Midura, J., **Code, J.**, Mayrath, M., & Dede, C. (2011, April). *Exploring inquiry processes in immersive virtual environments* [Paper presentation]. American Educational Research Association Annual Meeting, New Orleans, LA. (SA)
  8. Mayrath, M., Clarke-Midura, J., Dede, C. & **Code, J.** (2011, April). *A framework for designing assessment activities for virtual worlds* [Paper presentation]. American Educational Research Association Annual Meeting New Orleans, LA. (CA)
  9. Clarke-Midura, J., **Code, J.**, & Dede, C. (2011, April). *Measuring students' scientific inquiry processes and skills with immersive performance assessments* [Paper presentation]. National Association of Research on Science Teaching Annual Meeting, Orlando, FL. (SA)
  10. Clarke-Midura, J., **Code, J.**, & Dede, C. (2011, April). *Assessment 2.0: Rethinking how we assess science inquiry with technology-based assessments* [Paper presentation]. National Science Teachers Association 2011 Annual Conference, San Francisco, CA. (SA)
  11. **Code, J.**, Clarke-Midura, J., & Dede, C. (2011, April). *Assessing authentic science inquiry in immersive virtual worlds* [Paper presentation]. Cyberlearning Tools for STEM Education Conference, Berkeley, CA. (FA)
  12. **Code, J.** (2009, April). *Validating the epistemic belief inventory using item response theory* [Paper presentation]. American Educational Research Association Annual Meeting San Diego, CA. (FA)
  13. 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* [Paper presentation]. European Association for Research on Learning and Instruction Biennial Conference, Budapest, Hungary. (CA)
  14. **Code, J.**, Nesbit, J. C., Adesope, O., & Zhou, M. (2007, April). *The role of agency in self- and other-regulation* [Paper presentation]. American Educational Research Association Annual Meeting Chicago, IL. (FA)
  15. Leacock, T., **Code, J.**, & Weatherby, M. (2007, April). *Usability in self-regulated learning software* [Paper presentation]. American Educational Research Association Annual Meeting Chicago, Chicago, IL. (SA)
  16. Weatherby, M., **Code, J.**, Nesbit, J. C., & Winne, P. H. (2007, April). *Learning argumentation with cognitive tools* [Paper presentation]. American Educational Research Association Annual Meeting Chicago, IL. (SA)
- ii) National**
1. Dosanjh, A., Bains., M., **Code, J.**, Virani, S., & Turgeon, R., (2021). *Patient educational needs and treatment preferences for heart failure medications* [Poster presentation]. Canadian Cardiovascular Congress, Quebec City, Canada. (CA)
  2. **Code, J.** (2019, June). *Design and validation of the agency for learning questionnaire across multiple contexts* [Paper presentation]. Canadian Society for the Study of Education Annual Meeting Vancouver, Canada. (FA)
  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, June). *The use of text*

*messaging to improve the hospital community transition and prevent readmission in patients with cardiovascular disease (Txt2Prevent) - Study protocol* [Poster presentation]. Canadian Student Health Research Forum 2016, Winnipeg, MB. (CA)

4. 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 presentation]. Heart + Lung Fest 2016, Institute for Heart + Lung Health, Vancouver, BC. (CA)
5. **Code, J.** (2013, June). *Agency as a mediator of academic achievement* [Paper presentation]. Canadian Society for the Study of Education Annual Meeting Victoria, Canada. (FA)
6. Alabi, H. & **Code, J.** (2013, June). *Visualizing learning analytics: A roadmap for student success* [Paper presentation]. Canadian Society for the Study of Education Annual Meeting Victoria, Canada. (SA)
7. **Code, J.** (2008, May). *Assessing agency as an emerging property of will, skill, and action* [Paper presentation]. Canadian Society for the Study of Education 2008 Annual Meeting Vancouver, Canada. (FA)
8. **Code, J.** & Zaparyniuk, N. (2008, May). *Agency emergence in online social networks* [Paper presentation]. Canadian Society for the Study of Education 2008 Annual Meeting Vancouver, Canada. (FA)
9. Zaparyniuk, N., & **Code, J.** (2008, May). *Video games as a tool for self-regulated learning* [Paper presentation]. 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* [Conference session]. 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 centres for learning and exploration* [Conference session]. Hybrid Learning: Keys to Instructor and Student Success, Edmonton, Alberta, Canada. (FA)
3. Stewart, V., & **Code, J.** (2002, June). *Workshops that work!* [Conference session]. 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* [Conference session]. BCNET-HPCS Annual Conference, Vancouver, Canada. (CA)
2. **Code, J.** (2013, March). *Virtual performance assessments* [Conference session]. 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* [Conference session]. BCNET-HPCS Annual Conference, Vancouver, Canada. (CA)
4. **Code, J.** (2011, November). *Games for learning* [Conference session]. Fresh Minds Symposium, University of Victoria, Victoria, BC. (FA)
5. **Code, J.** (2011, October). *Games for teaching, learning & assessment* [Conference session]. Moving Beyond the Curriculum: Learning for a New Generation. University of Victoria Education Students Association Fall Conference Victoria, BC. (FA)
6. **Code, J.,** & Veugelers, E. (2005, June). *Sky captain and the world of tomorrow: Piloting WebCT Campus Edition 6* [Conference session]. Interface 2005 Conference, Edmonton, Alberta, Canada. (FA)
7. **Code, J.** (2003, October). *Ebox: Faculty centers for technology exploration, experimentation and exchange* [Conference session]. Netspeed 2003, Edmonton, Alberta Canada. (FA)
8. Stewart, V., & **Code, J.** (2002, May). *Preparing faculty for online instruction* [Conference session]. Alberta Colleges and Institutes Association (ACIFA) Conference Edmonton, Alberta, Canada. (CA)

**(f) Other**

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

**Keynotes**

1. **Code, J.** (2021, March). *MAKING a career: How the pandemic has changed STEM education and the jobs of tomorrow* [Keynote]. In STEM Enrichment Youth and Education for All Foundation's World STEM Conference, Online.
2. **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.
3. **Code, J.** (2017, June). *A patient's voice* [Keynote]. In M. Toma, K. Ramanathan & H. Nazzari (Chairs), UBC Heart Failure Symposium, Vancouver, BC.
4. 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.

**Plenaries & Panels**

1. **Code, J.** (2021, December). *Educating through the lived experience of guideline-directed medical therapy* [Plenary]. In N. Hartshorne-Evans & I. Pina (Chairs), *New HFrEF guidelines... so what? Is HFrEF therapy becoming too complicated, too expensive?* Invited plenary at the 18<sup>th</sup> Global CVCT Forum, Washington, DC, USA.
2. Andersson, T., Bat, S., **Code, J.**, Desvigne-Nickens, P., Ferreira, J., et al., (2021, December). *How implementation of HFrEF therapy may be made simpler and affordable?* [Panel]. In N. Hartshorne-Evans & I. Pina (Chairs), *New HFrEF guidelines... so what? Is HFrEF therapy becoming too*

- complicated, too expensive?* Invited Panel at the 18<sup>th</sup> Global CVCT Forum, Washington, DC, USA.
3. **Code, J.** (2021, December). *Implementation science and quality evidence from the lived experience* [Plenary]. In G. C. Fonarow & C. O'Connor (Chairs), *Should not the future of HFrEF trials rather be implementation trials?* Invited plenary at the 18<sup>th</sup> Global CVCT Forum, Washington, DC, USA.
  4. Andersson, T., **Code, J.**, Desvigne-Nickens, P., Ferreira, J., Fonarow, G., et al. (2021, December). *Moving towards heart failure therapy implementation strategies trials* [Panel]. In G. C. Fonarow & C. O'Connor (Chairs), *Should not the future of HFrEF trials rather be implementation trials?* Invited Panel at the 18<sup>th</sup> Global CVCT Forum, Washington, DC, USA.
  5. **Code, J.** (2021, December). *Setting the stage for the lived experience in clinical trial research.* [Plenary]. In **J. Code** & R. Martinez (Chairs), *Patient voice in clinical trials – Going beyond lip service.* Invited plenary at the 18<sup>th</sup> Global CVCT, Washington, DC, USA.
  6. Adams, B., Alikhaani, J., Alikhaani, S., Chauhan, C., **Code, J.**, et al. (2021, December). *The CVCT Forum Multi-Stakeholder Moderated Debate.* [Panel, listed alphabetically]. In **J. Code** & R. Martinez (Chairs), *Patient voice in clinical trials – Going beyond lip service.* Invited Panel at the 18<sup>th</sup> Global CVCT, Washington, DC, USA.
  7. **Code, J.** (2021, August). *Patient agency in practice.* In A. Schnitzbauer & R. Thuraisingham (Chairs), *A 360-degree view of risk* [Plenary]. ESOT, Milan, Italy. <https://www.esotcongress.org/>
  8. **Code, J.** (2021, August). *An education of [real] survival analysis – Learning it's about life, not failure.* In A. Forsberg & T. Berney (Chairs), *The end of Kaplan-Meier: New endpoints in transplantation* [Plenary]. ESOT, Milan, Italy. <https://www.esotcongress.org/>
  9. **Code, J.**, Demers, C., Fogg, G., & Gragossian, A. (2021, April). *Rehab, nutrition, medications, apps for HF care for clinicians and patients* [Panel]. Heart Failure and Rhythm Summit 2021, McMaster University, Canada.
  10. **Code, J.** (2020, June). *Democratization of heart failure: Connecting voices from Canada's other pandemic* [Plenary]. In H. Ross (Chair), EMPOWER-HF Virtual Roundtable, Toronto, ON.
  11. **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* [Plenary]. In S. Pocock & J. Gregson (Chairs), CVCT Masterclass. Invited Panel at the 16<sup>th</sup> Global Cardiovascular Clinical Trialists Forum (CVCT), Washington, DC, USA.
  12. **Code, J.** & Gunther, P. (2019, December). *The role of mental health studies in cardiovascular trials* [Plenary]. In C. Chauhan & D. Janssen (Chairs), *Empowering patients to be active participants in clinical trials.* Invited Panel at the 16<sup>th</sup> Global Cardiovascular Clinical Trialists Forum (CVCT), Washington, DC, USA.
  13. **Code, J.** & Verbakel, M. (2019, December). *Patient-reported outcomes: Why CV prevention trials are critical for patients* [Plenary]. In B. Pitt & H. Ventura (Chairs), *Diet, hypertension and CV prevention trials.* Invited Panel at the 16<sup>th</sup> Global Cardiovascular Clinical Trialists Forum (CVCT), Washington, DC, USA.
  14. **Code, J.** & Ross, H. (2019, October). *The heart failure continuum and the lived experience: Perspectives from diagnosis through transplant and beyond* [Conference session]. Canadian

Cardiovascular Congress, Montreal, QUE. <https://www.eventscribe.com/2019/CCS/>

15. **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.
16. **Code, J.** (2019, September). *Unbundled learning with heart failure* [Plenary]. 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.
17. **Code, J.** (2019, March). Patient-led advocacy to support health system transformation and improved heart failure care [Plenary]. 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.
18. 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 15<sup>th</sup> Global Cardiovascular Clinical Trialists Forum (CVCT), Washington, DC, USA.
19. 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 15<sup>th</sup> Global Cardiovascular Clinical Trialists Forum (CVCT), Washington, DC, USA.
20. **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.
21. **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.
22. Chan, A., **Code, J.**, Miles, R. & Ridout, B. (2016, November). *Engaging in change: The power of storytelling to inspire action* [Plenary]. BC Health Leadership Conference, Canadian College of Health Leaders, Vancouver, BC.
23. **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.
24. Ackenhausen, M., Brown, S., **Code, J.**, & Seckel, A., et al. (2016, February). *Opening plenary panel* [Plenary]. Joint Clinical Committee Showcase, 5<sup>th</sup> Annual Quality Forum; BC Patient Safety & Quality Council, Vancouver, BC.
25. 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.

**Organizer & Chair**

1. Anderson, D., Milner-Bolotin, M., Nashon, S., **Code, J.**, Nicol, C., Petrina, S., Banack, H., Scott, S., Santos, R & Snyder, L. (2021, July). *The 6th International STEM in Education Conference (STEM 2021)* [Organizers]. University of British Columbia, Vancouver, BC.
2. Bains. M. & **Code, J.** (2021, May). *Patient and family carers education day* [Chairs]. Heart Failure Update 2021, Toronto, ON.
3. **Code, J.** & Bains. M. (2020, May). *Patient and family carers education day* [Chairs]. Heart Failure Update 2020, Toronto, ON.
4. **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.
5. **Code, J.** & Bains. M. (2019, May). *Patient and family carer round table* [Chairs]. Heart Failure Update 2019, Montreal, QUE.
6. Ostrovsky, A. & Miscavage. G. (2015, December). *Re-designing patient-centred care through digital health technology*. In **J. Code** (Chair), Institute for Healthcare Improvement National Forum on Quality Improvement in Healthcare, Orlando, Florida, USA.
7. 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

I am an active member of the Department and Faculty. I have served the Department on DSPC, GAC, and the UAC. I am the MTSE Undergraduate Area Coordinator and work closely with the TEO. I sit on the Technology Teacher Education Program Advisory Committee for BCIT, where our teacher candidates complete the first two years of their program. At the University level, I recently served on the NSERC CREATE Internal Selection Committee for the VPRI. I have also served as a reviewer for the 2021 SSHRC Insight Grant competition and am a committee member of the CIHR SPOR Knowledge Translation competition. In addition to my service to the academic community, I became a public health advocate and co-founded the national charity HeartLife Foundation through which I have been recognized with national and international awards. I outline my service to the public in Section 13 of this CV.

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

#### Standing Committees (Faculty / University Level)

<i>Office Held</i>	<i>Committee</i>	<i>Dates</i>
Member	Digital UBC – Academic Advisory Committee <a href="https://cio.ubc.ca/about-ocio/digital-ubc">https://cio.ubc.ca/about-ocio/digital-ubc</a>	2021 – present
<b><i>Standing Committees at UVic</i></b>		
Faculty of Education Representative	Teaching Learning and Technology Campus Advisory Committee	2015 – 2017
Member-at-Large	CanAssist Academic Steering Committee	2013 – 2017
Member	Technology & Society Minor Undergraduate Program Committee	2012 – 2017
Member	Online Academic Community Steering Committee	2012 – 2014

#### Ad-hoc Committees (Faculty / University Level)

<b>Office Held</b>	<b>Committee</b>	<b>Dates</b>
Member	Killam Postdoctoral Research Fellowship Adjudication Committee	2021 – present
Member	Business Education Lecturer Search Committee	2021 – present
Member	NSERC CREATE Internal Selection Committee	2020 – present
Department Member	Associate Dean, Teacher Education Search Committee	2018
Department Member	Killam Faculty Teaching Prize and Sessional/Lecturer Teaching Prize Committee	2018
<b><i>Ad-hoc Committees at UVic</i></b>		
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

Office Held	Committee	Dates
Member	Faculty of Education Retreat Planning Committee	2011 – 2012

**Department Committees**

Office Held	Committee	Dates
Member	Department Merit Committee	2022 – 2023
Co-Chair	Departmental Advisory Committee on Technology, Instruction and Communication (ACTIC)	2021 – present
Member	Departmental Advisory Committee on Technology, Instruction and Communication (ACTIC)	2020 – 2021
Member	Department Social Committee	2019 – present
Member	Undergraduate Advisory Committee (UAC)	2017 – present
Member	Departmental Standing Personnel Committee (DSPC)	2018 – 2019
Member	Graduate Awards Committee (GAC2)	2017 – 2018

<b>Department Committees at UVic</b>		
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**

Role	Activity	Dates
Area Coordinator (Undergraduate)	Media & Technology Studies Education	2019 – present
Member	STEM2021 Conference Steering Committee	2018 – present
<b>Other service at UVic</b>		
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 Re-design Mapping	2014
Report Writer	Faculty of Education, Experiential Learning Mapping Project for VPAC	2014
Host	50th Anniversary Open House; TIE Lab Tour and Presentation	2013
Host	Alumni Open House; TIE Lab Tour and Presentation	2012

Role	Activity	Dates
Delegate	Faculty of Education Delegation to China to re-establish a formal partnership with East China Normal University (ECNU)	2012
Host	A delegation from East China Normal University (ECNU), TIE Lab Tour and Presentation	2012
Member	Member, Disability Committee, University of Victoria Faculty Association	2016 – 2017

### *Invited Talks for Graduate and Undergraduate classes*

1. **Code, J.** (2016, February). *Guest speaker* [Presentation]. EDD 523: Internship in Counselling. University of Victoria, Victoria, BC. (FA)
2. **Code, J.** (2015, November). *Cardiac Rehabilitation Post Heart Transplant* [Presentation]. EPHE 441: Exercise Physiology. University of Victoria, Victoria, BC. (FA)
3. **Code, J.** (2015, November). *Leadership in nursing: A patient perspective* [Presentation]. NURS 110: Professional Practice I. Camosun College, Victoria, BC. (FA)
4. **Code, J.** (2013, November). *An introduction to mixed methods research* [Presentation]. EDCI515 eResearch Graduate Course. University of Victoria, Victoria, BC.
5. **Code, J.** (2012, January). *After the Ph.D* [Presentation]. ED-D660 Educational Psychology Doctoral Seminar. University of Victoria, Victoria, BC.
6. Irvine, V. & **Code, J.** (2012, January). *The 21st-century university* [Webcast]. Change11 Massive Open Online Course. <http://change.mooc.ca>
7. **Code, J.** (2011, November). *Games for assessment* [Presentation]. SENG 435/CSC 485A: Computer-Supported Collaborative Work Seminar. University of Victoria, Victoria, BC.
8. **Code, J.** (2011, February). *Self-efficacy, assessment and motivation* [Presentation]. 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
International Technology and Engineering Educators Association (ITEEA)	Member	2020 – present
Council of Technology and Engineering Teacher Educators (CTETE)	Member	2020 – present
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
American Educational Research Association (AERA)	Member	2005 – present
AERA Learning Sciences SIG	Member	2005 – present

Organization	Office Held	Dates
Association for the Advancement of Computing in Education (AACE)	Member	2002 – present

(b) *Other Societies*(c) *Scholarly Committees*

Organization	Office Held	Dates
International Society for the Learning Sciences (ISLS), Communication Committee	Member	2021 – present
International Society for the Learning Sciences (ISLS), Education Committee	Member	2021 – present

(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>		
BCIT	Technology Teacher Education Program Advisory Committee	2020 – present
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
Journal of Cardiac Failure	Editor / <i>Education and Knowledge Translation</i>	2020 – present
Frontiers in Education	Review Editor / <i>STEM Education</i>	2018 – present
Journal of Online Learning and Teaching	Co-Editor / <i>Special issue on Massive Open Online Courses</i> [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	Insight Grant / Assessor	2022
Canadian Institutes for Health Research	Knowledge Mobilization and Implementation Science / Committee Member	2022
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
Education Sciences	Learning science, educational technology	
Educational Assessment	Learning science, educational assessment	2021 – present
British Journal of Educational Psychology	Learning science, educational psychology	2021 – present
Journal of Educational Computing Research	Education technology, learning science	2021 – present
Canadian Journal of Education	Education	2019 – 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	PhD	2016, Sept	External Examiner	EdTech. / UAlberta
Symmons, Janet	MEd	2013, July	External Examiner	Curriculum / Brock U

**(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 Member	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	MEd	2016, September	Chair	Curriculum / UVic
Smith, Vivian	PhD	2013, February	Chair	Interdisciplinary / UVic
Shortreed, David	MEd	2012, December	Chair	Curriculum / UVic

## 12. AWARDS AND DISTINCTIONS

**(a) Awards for Teaching**

Name of Award	Organization / Title	Date
Killam Teaching Prize	University of British Columbia	2022

**(b) Awards for Scholarship**

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

**(c) Awards for Service**

Name of Award	Organization / Title	Date
Effective Voice of the Year	World Heart Federation / <i>Effective Voice of the Year HeartLife Foundation – Canadian Heart Failure Patient &amp; Caregiver Charter</i>	2022
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)

#### *Career Interruptions and Special Circumstances*

I have had two significant interruptions in my career. Diagnosed with heart failure in 2005, I had to receive a heart transplant in 2014. I was on extended medical leave from March 2014 until April 2016, when I returned on a gradual return to work arrangement. In December 2017, my body rejected my first donor heart, and in January 2018, I underwent a second heart transplant. I was on medical leave from January to June 2018.

#### *Most Significant Career Research Contributions*

I have extended and developed a model of Agency for Learning (AFL; Code, 2010, 2020) as a necessary extension of social cognitive theory as it situates agentic capabilities as mediating factors between the effects of personal, behavioural, and social-environmental aspects on the self. Much of my work to date is constructed around the conceptualization that individual agency is expressed or constrained in different contexts for different reasons (i.e., Code, 2010; 2020; Code, Zap & Ralph, 2021). Thus, it is crucial to consider agency from the perspective of the learner in the context of learning *in situ*. AFL posits that agency “is an emergent entity that is manifested in individual abilities to interact with personal, behavioural, environmental, and social factors in the learning context” (Code, 2010, p. 2). Along with my ALIVE Lab (<https://alivelab.ca>) research team, I have developed a 3D immersive game-based environment in which to study and assess learner agency *in situ* (Code et al., 2021; Code & Zap, 2017) upon which my SSHRC Insight Development (2017 – 2020) and my recently awarded 5-year SSHRC Insight Grant (2022 – 2027) is based.

#### *Additional Scholarship Context*

My research program provides a significant contribution given its grounding in my lived experience. A hallmark of the trajectory of my funded research projects is to contribute evidence concerning critical pedagogy and the psychosocial impact of learning technologies for/of/in science, technology, engineering, math (STEM), applied design, skills and technologies (ADST), and medical and health-related technologies (MHRT). In the new Standards for Technological and Engineering Literacy (ITEEA, 2020), Medical and Health-Related Technologies (MHRT) are outlined as core standards. Yet, teachers and educational researchers are only beginning to develop the necessary expertise.

#### *Other Roles*

In addition to my academic scholarship, I have been living with heart failure (2005) and am a two-time heart transplant recipient (2014, 2018). As a result, I became a public health advocate. I am a member of the Medical Services Commission of British Columbia, the Heart & Stroke Women’s Heart and Brain Health Research steering committee, and the National Heart Failure council. I am also a representative on Health Canada’s Scientific Advisory Committee on Medical Devices Used in the Cardiovascular System (SAC-MDUCS). In 2016, I co-founded the HeartLife Foundation of Canada, the first and only heart failure advocacy group in Canada run by patients whose mission is to engage, educate, and empower people living with heart failure. The HeartLife Foundation has patient members across Canada and is actively involved with the Canadian Cardiovascular Society, Canadian Heart Failure Society, Heart and Stroke Foundation of Canada and is a member of the Global Heart Hub, The Alliance of Heart Patient Organizations. Along with HeartLife Foundation co-founders Marc Bains and Dr. Sean Virani (UBC), I received the **Dr. Harold N. Segall Award of Merit** from the **Canadian Cardiovascular Society** in 2019. This award recognized our significant contribution to promoting cardiovascular health in Canadians. In 2022, we HeartLife co-founders were recognized with a **World Heart Award** from the **World Heart Federation** for *Effective Voice of the Year* for HeartLife Foundation’s *Canadian Heart Failure Patient & Caregiver Charter education* campaign.



# THE UNIVERSITY OF BRITISH COLUMBIA

## *Publications Record for Jillianne Code, PhD*

**ORCID ID:** 0000-0002-3096-1289

**Google Scholar:** <https://bit.ly/JillianneCode>

**SURNAME:** Code

**FIRST NAME:** Jillianne

**INITIALS:** JC

**MIDDLE NAME(S):** Reay

**DATE:** 07/14/22

**Notes on Authorship:** All authors on a publication have actively contributed to the manuscript; for mentored work, the student is generally the first author; for peer-collaborations, unless otherwise stated, authorship order is relative to the author's contribution. Names of graduate students and post-docs are underlined. Citations use APA 7<sup>th</sup> Edition.

(FA) First Author – Conceptualized and led the study and wrote the bulk of the manuscript.

(SA) Senior Author – Conceptualized and led the study with the first author and jointly wrote the manuscript.

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

Note: Articles in medical and health science journals are often shorter than social science journals; the number of pages included where necessary.

\* In health sciences and medicine, peer-reviewed extended abstracts from high-impact scientific meetings are considered publications and often appear in journals. I have included these under 'Abstracts.' In addition, journal articles in health science tend to be restricted to the numbers of words / length. For these publications, I have indicated the page length and maximum allowable words from the respective Journal.

## 1. REFEREED PUBLICATIONS

### (a) Journals

1. **Code, J.** (2022). From patient to agent. *Journal of Cardiac Failure*, 28(7), 1230-1234. <https://doi.org/10.1016/j.cardfail.2022.04.007> (FA) [4 pages; Journal max words: 4000]
2. **Code, J.**, Ralph, R. & Forde, K. (2022). A disorienting dilemma: Teaching and learning in technology education during a time of crisis. *Canadian Journal of Science, Mathematics, and Technology Education*, 22(1), 170-189. <https://doi.org/10.1007/s42330-022-00191-9> (FA) [20 pages]
3. **Code, J.**, Zap, N. & Ralph, R. (2021). Academic success online: Mediating the effects of personality and self-efficacy in online learning. *International Journal on E-Learning* 20(4), 377-410. <https://www.learntechlib.org/p/212813/> (FA) [34 pages]
4. Ross, E., Sakakibara, B., Mackay, M., Whitehurst, D., Singer, J., Toma, M., Corbett, K., Rutherford, K., Gheorghiu, B., **Code, J.**, & Lear, S. (2021). 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) uHealth and mHealth*, 9(5), e24530. <https://doi.org/10.2196/24530> (CA) [17 pages]

5. Pellegrini, D., Eliya, Y., Gavert, A., Code, J., & Van Spall, H. (2021). Social media in heart failure: A mixed-methods systematic review. *Current Cardiology Reviews* 17(2), 161-170. <https://doi.org/10.2174/1573403X15666191210143657> (CA) [10 pages]
6. Code, J., Ralph, R. & Forde, K., (2020). Pandemic designs for the future: Perspectives of technology education teachers during COVID-19. *Information and Learning Science*, 121(5/6), 419-431. <https://doi.org/10.1108/ILS-04-2020-0112> (FA) [13 pages]
7. 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), 36-39. <https://doi.org/10.22374/cjgim.v15iSP1.418> (CA) [4 pages; Journal max words: 4000]
8. Code, J. (2020). Agency for learning: Intention, motivation, self-efficacy and self-regulation. *Frontiers in Education*, 5(19), 1-15. <https://doi.org/10.3389/educ.2020.00019> (FA) [15 pages + supplement]
9. Behan, C. M., Meldrum, J. T., Pinel, B., & Code, J. (2020). The binding force: A practical model for building and maintaining the coach-athlete relationship in Canadian intercollegiate team sport. *International Journal of Contemporary Research and Review*, 11(05), 20205–20226. <https://doi.org/10.15520/ijcrr.v11i05.807> (CA) [22 pages]
10. Behan, C. M., Meldrum, J. T., Pinel, B., & Code, J. (2020). Reciprocating coach-athlete relationship model (R-CARM): Trustworthiness for a useful tool. *International Journal of Contemporary Research and Review*, 11(05), 20227–20266. <https://doi.org/10.15520/ijcrr.v11i05.808> (CA) [41 pages]
11. 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/10.1080/09669760.2019.1685468> (CA) [18 pages]
12. Code, J. (2019). I am the clinical trial. *Journal of the American College of Cardiology: Heart Failure*, 7(5), 439-441. <https://doi.org/10.1016/j.jchf.2018.12.019> (FA) [3 pages; Journal max words: 2000]
13. 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), 1450-1454. <https://doi.org/10.1016/j.cjca.2017.08.024> (SA) [5 pages; Journal max words: 2000]
14. 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. <https://www.learntechlib.org/primary/p/172803/> (FA) [14 pages]
15. Ross, E., Sakakibara, B., Mackay, M., Whitehurst, D., Singer, J., Toma, M., Corbett, K., Rutherford, K., Gheorghiu, B., Code, J., & Lear, S. (2017). The use of text messaging to improve the hospital-to-community transition in acute coronary syndrome patients (Txt2Prevent): Intervention development and pilot randomized controlled trial protocol. *JMIR Research Protocols*, 6(5), 1-11. <https://doi.org/10.2196/resprot.6968> (CA) [11 pages]
16. Code, J. & Hatzipanagos, S. (2016). Open badges in online learning environments: Peer feedback as an engagement intervention for promoting agency. *Journal of Educational Multimedia & Hypermedia*, 25(2), 126-142. <https://www.learntechlib.org/primary/p/173261/> (FA) [16 pages]

17. **Code, J.**, Clarke-Midura, J., Zap, N. & Dede, C. (2013). The utility of using immersive virtual environments for the assessment of science inquiry learning. *Journal of Interactive Learning Research*, 24(4), 371-396. <https://www.learntechlib.org/primary/p/41534/> (FA) [26 pages]
18. **Elbert, J., Code, J.** & Irvine, V. (2013). iPads on practicum: Perspective of a student-teacher. *The Arbutus Review*, 4(1), 1-18. <https://doi.org/10.18357/tar41201312703> (SA) [18 pages]
19. Irvine, V., **Code, J.** & **Richards, L.** (2013). Re-aligning higher education for the 21st-century learner through multi-access learning [Special issue]. *Journal of Online Learning and Teaching*, 9(2), 172-186. [https://jolt.merlot.org/vol9no2/irvine\\_0613.pdf](https://jolt.merlot.org/vol9no2/irvine_0613.pdf) (SA) [15 pages]
20. Siemens, G., Irvine, V. & **Code, J.** (2013). An academic perspective on an emerging technological and social trend [Special issue]. *Journal of Online Learning and Teaching*, 9(2), iii-vi. [https://jolt.merlot.org/vol9no2/siemens\\_editorial\\_0613.pdf](https://jolt.merlot.org/vol9no2/siemens_editorial_0613.pdf) (SA) [4 pages]
21. Hadwin, A. F., Nesbit, J. C., Jamieson-Noel, D., **Code, J.**, & Winne, P. H. (2007). Examining trace data to explore self-regulated learning. *Metacognition and Learning*, 2(2-3), 107-124. <https://doi.org/10.1007/s11409-007-9016-7> (CA) [18 pages]
22. Nesbit, J. C., Winne, P. H., Jamieson-Noel, D., **Code, J.**, Zhou, M., MacAllister, K., et al. (2006). Using cognitive tools to investigate how study activities co-vary with achievement goals. *Journal of Educational Computing Research*, 35(4), 339-358. <https://doi.org/10.2190/H3W1-8321-1260-1443> (CA) [20 pages]
23. Johnson, G. M., Howell, A. J., & **Code, J.** (2005). Online discussion and college student learning: Toward a model of influence. *Technology, Pedagogy, and Education*, 14(1), 61-75. <https://doi.org/10.1080/14759390500200193> (SA) [17 pages]

**(b) Abstracts**

1. **Ross, E.**, Sakakibara, B., Mackay, M., Whitehurst, D., Singer, J., Toma, M., Corbett, K., Rutherford, K., Gheorghiu, B., **Code, J.**, & Lear, S. (2022). User experiences with a pilot text messaging intervention aimed to support patients with acute coronary syndrome after discharge. *Annals of Behavioral Medicine*, 56(5/6). (pp. 529). <https://doi.org/10.1093/abm/kaab058> (CA)\*
2. Turgeon, R., **Dosanjh, A.**, **Code, J.**, Bains, M., & Virani, S. (2021). Patient educational needs and treatments preferences for heart failure medications. *Canadian Journal of Cardiology*, 37(10), S63-S64. <https://doi.org/10.1016/j.cjca.2021.07.132> (CA)\*
3. **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. [https://doi.org/10.1016/S0735-1097\(20\)34163-2](https://doi.org/10.1016/S0735-1097(20)34163-2) (CA)\*

**(c) Proceedings**

1. **Code, J.**, Forde, K., Petrina, S., Ralph, R., & Zhao, J. (2021). Designerly ways, means, and ends: From STEM to STEAM to STEAMD [Symposia]. In D. Anderson, M. Milner-Bolotin, R. Santos, & S. Petrina (Eds.), *Proceedings of the 6th International STEM in Education Conference (STEM 2021)*. (pp. 435-437). The University of British Columbia. <https://dx.doi.org/10.14288/1.0402129>
2. **Code, J.**, Forde, K., Ralph, R. & Zap, N. (2021). Assessment for learning in immersive and virtual environments – Evidence-centred game design in STEM. In D. Anderson, M. Milner-Bolotin, R.

- Santos, & S. Petrina (Eds.), *Proceedings of the 6th International STEM in Education Conference (STEM 2021)*. (pp. 459-465). The University of British Columbia.  
<https://dx.doi.org/10.14288/1.0402129>
3. **Code, J.** & Zap, N. (2019). A preliminary exploration of the effects of personality and self-efficacy for online learning in higher education. In J. Theo Bastien (Ed.), *Edmedia + Innovate Learning 2019* (pp. 1511-1517). AACE. (FA)
  4. **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.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2016)* (pp. 1332–1342). AACE. (FA)
  5. Zap, N. & **Code, J.** (2016). Virtual and augmented reality as cognitive tools for learning. In C. Fulford & G. Veletsianos et al. (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2016)* (pp. 1317–1324). AACE. (SA)
  6. 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.), *Games Learning + Society Conference (GLS10)* (pp. 153-159). Madison, WI, USA. (CA)
  7. **Code, J.** & Zap, N. (2013). Assessments for learning, of learning, and as learning in 3D immersive virtual environments. In J. Herrington et al. (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2013)* (pp. 159-166). AACE. (FA)
  8. Elbert, J., **Code, J.** & Irvine, V. (2013). Integrating iPads: Perspectives and possibilities in a high school ELA context. In J. Herrington et al. (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2013)* (pp. 1739-1742). AACE (SA)
  9. Alabi, H. & **Code, J.** (2013). Visualizing learning analytics: Designing a roadmap for student success. In J. Herrington et al. (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2013)* (pp. 951-959). AACE. (SA)
  10. Irvine, V., Lee, M., **Code, J.** & Richards, L. (2013). Multi-access learning: Increasing flexibility and choice for on-campus and remote students. In J. Herrington et al. (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2013)* (pp. 840-845). AACE. (CA)
  11. **Code, J.**, Clarke-Midura, J., Zap, N. & Dede, C. (2011). Student perceptions of immersive virtual environments for the meaningful assessment of learning. In T. Bastien & M. Ebner (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2011)* (pp. 358-367). AACE. (FA)
  12. Zap, N. & **Code, J.** (2011). Education in the third dimension: 3D stereoscopies as a cognitive tool for learning. In T. Bastien & M. Ebner (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2011)* (pp. 3718-3727). AACE. (SA)
  13. Johnson, G., Zaparyniuk, N. & **Code, J.** (2007). Internet use and cognitive skills: Planning, attention, simultaneous and successive processing. In C. Montgomerie & J. Seale (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2007)* (pp. 3273-3278). AACE. (CA)

14. Johnson, G., **Code, J.** & Zaparyniuk, N. (2007). Online behaviour and cognitive development. In C. Montgomerie & J. Seale (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2007)* (pp. 3279-3288). AACE. (SA)
15. **Code, J.**, MacAllister, K., Gress, C. L. Z., & Nesbit, J. C. (2006). Self-regulated learning, motivation, and goal theory: Implications for instructional design and e-learning. *International Conference on Advanced Learning Technologies (ICALT06)* (pp. 872-874). IEEE. (FA)
16. Winne, P. H., & The Learning Kit Project Team (2006). The learning kit project: Advancing research on learning as learners learn in everyday settings. *International Conference on Advanced Learning Technologies (ICALT06)* (pp. 975-979). IEEE. (CA)
17. **Code, J.**, & Zaparyniuk, N. (2006). Individual differences in self-regulated learning: The role of cognitive style in adaptive e-Learning. In E. Pearson & P. Bohman (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2006)* (pp. 2673-2678). AACE. (FA)
18. Irvine, V., Mappin, D., & **Code, J.** (2003). Preparing teachers to teach online: Roles of faculties of education. In D. Lassner & C. McNaught (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2003)* (pp. 1978-1981). AACE. (CA)
19. **Code, J.**, & Stewart, V. (2002). Action learning: Applications in technology training and professional development. In P. Barker & S. Rebelsky (Eds.), *World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA 2002)* (pp. 323-324). AACE. (FA)
20. Zaparyniuk, N., & **Code, J.** (2002). Accessible multimedia for the web. In G. Richards (Ed.), *World Conference on E-learning in Corp., Gov't., Health, & Higher Ed (ELEARN 2002)* (pp. 1063-1068). AACE. (SA)

**(d) Other**

1. **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), 941. <https://doi.org/10.1016/j.cjca.2019.03.019> (FA)

**2. NON-REFEREED PUBLICATIONS**

**(a) Journals**

1. Forde, K., Ralph, R. & **Code, J.** (2020, Sept/Oct). Tech ed during COVID-19: Safety, engagement, and access. *Teacher Magazine*, 33(1), 12-13.

**(b) Conference Proceedings**

**(c) Other**

1. Forde, K., **Code, J.** & Clarke, A. (2020, Nov). *Social media policy across school districts in British Columbia*. Centre for the Study of Teacher Education. <http://dx.doi.org/10.14288/1.0400083> (CA)

**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). IGI Publishing. <https://doi.org/10.4018/978-1-7998-1486-3.ch002> (CA) [18 pages]
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). AACE. (FA) [10 pages]
3. **Code, J.** (2013). Agency and identity in social media. In S. Warburton & S. Hatzipanagos (Eds.), *Digital identity and social media* (pp. 37-57). IGI Publishing. <http://doi:10.4018/978-1-4666-1915-9.ch004> (FA) [20 pages]
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. Bastien & G. Marks (Eds.), *Education and information technology 2012: A selection of AACE award papers* (pp. 185-194). AACE. (FA) [9 pages]
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. *Technology-based assessments for 21st-century skills: Theoretical and practical implications from modern research* (pp. 125-147). Information Age Publishing. (SA) [22 pages]
6. Clarke-Midura, J., **Code, J.**, Zap, N. & Dede, C. (2012). Assessing science inquiry in the classroom: A case study of the virtual assessment project. In L. Lennex & K. Nettleton (Eds.), *Cases on inquiry through instructional technology in math and science: Systemic approaches* (pp. 138-164). IGI Publishing. <http://doi.org/10.4018/978-1-4666-0068-3.ch006> (SA) [26 pages]
7. **Code, J.**, Clarke-Midura, J., Zap, N., & Dede, C. (2012). Virtual performance assessment in immersive virtual environments. In H. Wang (Ed.), *Interactivity in e-learning: Case studies and frameworks* (pp. 230-252). IGI Publishing. <http://doi:10.4018/978-1-61350-441-3.ch011> (FA) [22 pages]
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). IGI Publishing. <http://doi:10.4018/978-1-60566-208-4.ch008> (FA) [14 pages]
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). IGI Publishing. <http://doi.org/10.4018/978-1-60566-208-4.ch007> (FA) [16 pages]

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). IGI Publishing. <http://doi.org/10.4018/978-1-59904-808-6.ch042> (FA) [19 pages]

**(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). IGI Publishing. <http://doi.org/10.4018/978-1-60960-100-3.ch716> (FA) [17 pages]
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**4. PATENTS**

**5. SPECIAL COPYRIGHTS**

**6. ARTISTIC WORKS, PERFORMANCES, DESIGNS**

1. **Code, J.** (2018). *Borrowed Time* [Mixed media on paper]. Canadian Cardiovascular Congress, Toronto, ON.
2. **Code, J.** (2018). *Journey – A study in black and white* [Mixed media on paper]. Canadian Cardiovascular Congress, Toronto, ON.
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**7. OTHER WORKS**

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2. **Code, J.**, & Wilson, G. (2003, May). *Dreamweaver course builder: Building interactivity* [Conference workshop]. Interface 2003 Conference, Edmonton, Alberta, Canada.
3. Stewart, V., & **Code, J.** (2003, May). *Active lecturing with PowerPoint interactivity* [Conference workshop]. Innovative Instructors Institute, University of Alberta, Edmonton, Canada.
4. **Code, J.**, Wilson, G., & Stewart, V. (2002, October). *Dreamweaver coursebuilder for teachers interactivity* [Conference workshop]. Online Learning Symposium, Edmonton, Alberta, Canada.

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**(b) Software Development**

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7. Zaparyniuk, N., & **Code, J.** (2001). Alberta Teachers Association Science Conference 2000 CD-ROM [Computer software]. Alberta Teachers Association Science Council.

**(c) Articles**

1. **Code, J.** (2021, February 21). *Heart failure patients need equitable access to high-quality care, and we need it now*. The Province. <https://theprovince.com/opinion/dr-jillianne-code-heart-failure-patients-need-equitable-access-to-high-quality-care-and-we-need-it-now/wcm/9ad2fcc2-aa89-49f9-a99c-594aea6212ae/amp/> [Syndicated in Vancouver Sun, Calgary Herald]
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1. Global News Morning BC. (2022, February 3). *Health Matters: Heart failure*. Global TV. <https://globalnews.ca/video/8592136/health-matters-heart-failure>

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8. Wong, K. (2016, January 13). *New heart saves Fairfield woman's life*. VicNews. <https://www.vicnews.com/news/new-heart-saves-fairfield-womans-life/>
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## 8. **WORK SUBMITTED**

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2. Peiris, R., Ross, H., Chan, C., Poon, S., Auguste, B., Rac, V., Farkouh, M., McDonald, M., Kaczorowski, J., **Code, J.**, and others. (**accepted with revision**). Automated digital counselling with

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**(b) Submitted**

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2. **Code, J.** (submitted). Developing and assessing learner agency through game-based immersive learning environments. In J. Lock & P. MacDowell (Eds.) *Immersive Education: Designing for Learning*. Springer.

**(c) In revision**

1. **Ross, E., Sakakibara, B., Mackay, M., Whitehurst, D., Singer, J., Toma, M., Corbett, K., Rutherford, K., Gheorghiu, B., Code, J., & Lear, S.** (in revision). 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**

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3. **Code, J.** (in progress). Representations of student agency emergence in learning analytics: A systematic review of self-regulated online learning. *Manuscript in preparation*. (FA)
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5. **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: 2022)
6. **Code, J.** (in progress). Agency for learning online. *Computers and Human Behavior*. (FA; 80%; Timeline to completion: 2022)
7. **Code, J., Bains, M., Forde, K., & Virani, S.** (in progress). Unbundled learning: Online social networks for education and support. *Journal of the Learning Sciences*. (FA; 50%; Timeline to completion: 2021).
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9. **Code, J.** (in progress): From heart failure to heart life – An autoethnographic account of heart failure and transplant. Manuscript in preparation. (FA; 40%)