



PIN Number: 239170

CV Type: NSERC_Researcher

Personal Information**Identification**Family Name First Name Middle Name Title Sex Correspondence language **Language Skills**

	Language	Read	Write	Speak	Understand	Peer Review
1	English	Yes	Yes	Yes	Yes	Yes
2	French	No	No	No	No	No

Address

The primary Address is denoted by (*)

1	Address Type <input type="text" value="Courier"/> Department of Computer Science University of British Columbia 2366 Main Mall Vancouver Canada / British Columbia V6T 1Z4
*2	Address Type <input type="text" value="Primary Affiliation"/> Department of Computer Science University of British Columbia 2366 Main Mall Vancouver Canada / British Columbia V6T 1Z4

Telephone

The primary Telephone is denoted by (*)

	Phone Type	Country Code	Area Code	Telephone Number
*1	Work	1	604	8228169

Email

The primary Email is denoted by (*)

	Email Type	Email Address
*1	Work	maclean@cs.ubc.ca

Education**Degrees**

1	Degree Type <input type="text" value="Doctorate"/> Specialization <input type="text" value="Mechanical Engineering"/> Organization <input type="text" value="Massachusetts Institute of Technology"/> Degree Received Date <input type="text" value="1996/1"/> Supervisors <table><tr><th></th><th>Supervisor Name</th><th>Start Date</th><th>End Date</th></tr></table>		Supervisor Name	Start Date	End Date
	Supervisor Name	Start Date	End Date		

1	William K. Durfee	1990/1	1996/1
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2	Degree Type <input type="text" value="Master's Thesis"/> Specialization <input type="text" value="Mechanical Engineering"/> Organization <input type="text" value="Massachusetts Institute of Technology"/> Degree Received Date <input type="text" value="1988/12"/> Supervisors <table border="1"> <thead> <tr> <th></th> <th>Supervisor Name</th> <th>Start Date</th> <th>End Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>William K. Durfee</td> <td>1986/9</td> <td>1988/12</td> </tr> </tbody> </table>				Supervisor Name	Start Date	End Date	1	William K. Durfee	1986/9	1988/12
	Supervisor Name	Start Date	End Date								
1	William K. Durfee	1986/9	1988/12								

3	Degree Type <input type="text" value="Bachelor's"/> Specialization <input type="text" value="Biological Sciences and Mechanical Engineering"/> Organization <input type="text" value="Stanford University"/> Degree Received Date <input type="text" value="1986/6"/>		
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Recognitions

	Recognition Type	Recognition Name	Description	Other Organization	Other Organization Location	Effective Date	End Date	Amount	Organization
1	Distinction	Outstanding Associate Editor - founding award	engineering, psychology and interaction design	IEEE Transactions on Haptics	United States / New Jersey	2011/1	2011/1	0	
2	Distinction	McDowell Award for Excellence in Research	university-wide			2008/1	2008/1	0	University of British Columbia
3	Distinction	Killam Memorial Faculty Research Fellowship	university-wide			2007/1	2008/1	18000	University of British Columbia
4	Distinction	Peter Wall Early Career Scholar	university-wide			2001/1	2002/1	0	University of British Columbia

User Profile

Research Specialization Keywords

	Research Specialization Keywords
1	affective computing
2	attention
3	communication
4	experiment methodology
5	haptics
6	human computer interfaces
7	mechatronics
8	psychophysics
9	robotics
10	tactile language

Research Disciplines

	Order	Research Discipline
1	1	Computer Science
2	2	Mechanical Engineering
3	3	Psychology

Areas of Research

	Order	Area of Research
1	1	Robotics and Automation
2	2	Personal Communications
3	3	Affective and Emotional Development
4	4	Anxiety

Fields of Application

	Order	Field of Application
1	1	Communication and Information Technologies
2	2	Biomedical Aspects of Human Health

Employment

Academic Work Experience

	Position Title	Position Status	Academic Rank	Start Date	Organization	Department	Faculty / School / Campus	Tenure Status	Position Type	End Date
1	Professor	Full-time	Professor	2010/7	University of British Columbia	Computer Science	Science / Pt. Grey	Tenure		
2	Associate faculty (courtesy appointment)	Full-time	Professor	2004/10	University of British Columbia	Mechanical Engineering	Applied Science / Pt. Grey	Tenure Track	Adjunct	
3	Associate Professor	Full-time	Associate Professor	2005/7	University of British Columbia	Computer Science	Science / Pt. Grey	Tenure		2010/6
4	Assistant Professor	Full-time	Assistant Professor	2000/7	University of British Columbia	Computer Science	Science / Pt. Grey	Tenure Track		2005/6

Non-academic Work Experience

	Position Title	Other Organization Type	Other Organization	Other Organization Location	Unit / Division	Start Date	End Date	Organization
1	User Interface Consultant	Private Sector	Self-employed	United States / California	Self employed	2000/1	2000/6	
2	Member of Research Staff & project lead	Private Sector	Interval Research Corporation	United States / California	Research staff	1996/1	1999/12	
3	Project Engineer				Center for Engineering Design	1989/1	1990/12	University of Utah

Affiliations

The primary Affiliations is denoted by (*)

	Position Title	Organization	Department	Start Date
*1	Professor	University of British Columbia	Computer Science	2010/7

Leaves of Absence and Impact on Research

	Leave Type	Organization	Start Date	End Date	Absence and Impact Description
1	Sabbatical	University of British Columbia	2007-07-01	2008-06-30	Sabbatical leave
2	Parental	University of British Columbia	2003-10-26	2004-05-02	Maternity leave
3	Parental	University of British Columbia	2002-01-13	2002-07-21	Maternity leave

Research Funding History

1	Funding Type <input type="text" value="Grant"/> Funding Title <input type="text" value="Clinically-Ready Touch-Based Therapeutic Robot and Assessment Tools"/> Funding Status <input type="text" value="Awarded"/>							
	Funding Role <input type="text" value="Principal Applicant"/> Funding Start Date <input type="text" value="2013/1"/> Funding End Date <input type="text" value="2018/12"/>							
	Funding Sources							
		Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
	1	Canada Foundation for Innovation (CFI)	Leader's Opportunity Fund	245654	245654	2013/7	2018/6	Yes
Funding by Year								

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	245654	245654	10	2013/1	2013/12

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Funding Type Funding Title Funding Status Funding Role Funding Start Date Funding End Date **Funding Sources**

	Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
1	Natural Sciences and Engineering Research Council of Canada (NSERC)	Discovery Grant	180000	180000	2013/4	2018/3	Yes

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	36000	36000	10	2017/4	2018/3
2	36000	36000	10	2016/4	2017/3
3	36000	36000	10	2015/4	2016/3
4	36000	36000	10	2014/4	2015/3
5	36000	36000	10	2013/4	2014/3

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Funding Type Funding Title Funding Status Funding Role Funding Start Date Funding End Date **Funding Sources**

	Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
1	Natural Sciences and Engineering Research Council of Canada (NSERC)	Discovery Accelerator	120000	120000	2013/4	2016/3	Yes

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	40000	40000	10	2015/4	2016/3
2	40000	40000	10	2014/4	2015/3
3	40000	40000	10	2013/4	2014/5

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Funding Type Funding Title Funding Status Funding Role Funding Start Date Funding End Date **Funding Sources**

	Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
1	Natural Sciences and Engineering Research Council of Canada (NSERC)	Centres of Excellence NCE	4650000	188500	2010/1	2015/7	Yes

Other Investigators

	Investigator Name	Role
1	50 others	Co-applicant
2	Booth, Kellogg	Principal Investigator

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	40000	40000	10	2013/4	2014/3
2	45000	4500	10	2012/4	2013/3
3	49500	49500	10	2011/4	2012/3
4	54000	54000	10	2010/1	2011/3

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Funding Type Funding Title Funding Status

Funding Role Funding Start Date Funding End Date

Funding Sources

	Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
1	Natural Sciences and Engineering Research Council of Canada (NSERC)	NSERC CRD	620900	124180	2011/1	2014/12	Yes

Other Investigators

	Investigator Name	Role
1	Croft, Elizabeth	Principal Investigator

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	24467	4893	1	2014/4	2014/12
2	197233	39447	5	2013/4	2014/3
3	199433	39886	5	2012/4	2013/3
4	199900	39980	5	2011/4	2012/3

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Funding Type Funding Title Funding Status

Funding Role Funding Start Date Funding End Date

Funding Sources

	Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
1	Natural Sciences and Engineering Research Council of Canada (NSERC)	Discovery Grant	180000	180000	2007/4	2012/3	Yes

Other Investigators

	Investigator Name	Role
1	Karon MacLean	Principal Investigator

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	36000	36000	10	2012/4	2013/3
2	36000	36000	10	2011/4	2012/3
3	36000	36000	10	2010/4	2011/3
4	36000	36000	10	2009/4	2010/3

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Funding Type Funding Title

Funding Status Funding Role Funding Start Date Funding End Date

Funding Sources

	Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
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1	Natural Sciences and Engineering Research Council of Canada (NSERC)	Strategic Project Grant	481000	160333	2008/10	2011/4	Yes
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Other Investigators

	Investigator Name	Role
1	Croft; McGrenere	Co-investigator
2	Karon MacLean	Principal Investigator

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	166500	55500	10	2011/11	2012/10
2	164500	54833	10	2010/11	2011/10
3	150000	50000	10	2009/11	2010/10

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Funding Type Funding Title Funding Status Funding Role Funding Start Date Funding End Date **Funding Sources**

	Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
1	Nokia	Focused Research Program	14850	14850	2010/1	2011/12	Yes

Other Investigators

	Investigator Name	Role
1	Karon MacLean	Principal Investigator

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	11350	11350	5	2011/1	2011/12
2	13500	13500	5	2010/1	2010/12

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Funding Type Funding Title Funding Status Funding Role Funding Start Date Funding End Date **Funding Sources**

	Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
1	University of British Columbia	Faculty of Medicine Application Funds	8710	2177	2010/1	2010/12	Yes

Other Investigators

	Investigator Name	Role
1	Holsti, Liisa	Principal Investigator

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	8710	2177	1	2010/1	2010/12

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Funding Type Funding Title Funding Status Funding Role Funding Start Date Funding End Date **Funding Sources**

	Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
1	Nokia	University Relations Program	12200	12200	2009/1	2009/12	Yes

Other Investigators

	Investigator Name	Role
1	Karon MacLean	Principal Investigator

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	12200	12200	1	2009/1	2009/12

11 Funding Type Funding Title Funding Status

Funding Role Funding Start Date Funding End Date

Funding Sources

	Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
1	Nokia	University Relations Program	11500	11500	2008/9	2010/8	Yes

Other Investigators

	Investigator Name	Role
1	Karon MacLean	Principal Investigator

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	7500	7500	1	2009/9	2010/8
2	4000	4000	1	2008/9	2009/8

12 Funding Type Funding Title Funding Status

Funding Role Funding Start Date Funding End Date

Funding Sources

	Funding Organization	Program Name	Total Funding	Portion of Funding Received	Funding Start Date	Funding End Date	Funding Competitive?
1	Canadian Institutes of Health Research (CIHR)	Proof of Principle Program - Phase I	159969	79984	2013/7	2014/6	Yes

Funding by Year

	Total Funding	Portion of Funding Received	Time Commitment	Start Date	End Date
1	159969	79984	5	2013/7	2014/6

Activities

Supervisory Activities

Student/Postdoctoral Supervision

	Supervision Role	Student Name	Study / Postdoctoral Level	Student Degree Status	Student Degree Expected Date	Supervision Start Date	Supervision End Date	Thesis/Project Title	Present Position
1	Principal Supervisor	Oliver Schneider	Doctorate	In Progress	2017/8	2012/9	2017/8	Tools for Haptic Feedback PhD student Design (tentative)	PhD student

2	Co-Supervisor	Louise Oram	Master's Thesis	In Progress	2013/8	2011/9	2013/8	Enhancing Medical Image Interaction By Specializing the Mouse	Master's student
3	Principal Supervisor	Kerem Altun	Post-doctorate	Completed		2011/5	2012/11	Affect Recognition from Touch Gestures in HRI	Faculty, Istanbul Kemerburgaz University
4	Principal Supervisor	Brian Gleeson	Post-doctorate	In Progress		2011/6	2014/5	CHARM - Interaction design in human-robot automation	Post-doctoral fellow
5	Principal Supervisor	Hasti Seifi	Doctorate	In Progress	2016/8	2011/9	2016/8	Individual differences in tactile processing & affective response (tentative)	PhD student
6	Principal Supervisor	Anna Flagg	Master's Thesis	Completed		2010/9	2012/8	Touch gesture recognition for a furry emotional robot	Software Engineer
7	Principal Supervisor	Oliver Schneider	Master's Thesis	Completed		2010/9	2012/9	Using Gait as an Input Modality for Mobile Exercise Games	PhD student with applicant
8	Principal Supervisor	Diane Tam	Master's Thesis	Completed		2010/9	2012/11	Design and Field Observation of a Haptic Notification System	Consultant, entrepreneur
9	Principal Supervisor	Vincent Levesque	Post-doctorate	Completed		2009/5	2011/8	Design Space of Programmable Friction	Research staff, Immersion Canada
10	Co-Supervisor	Gokhan Himmetoglu	Master's Thesis	Completed		2009/9	2011/12	Participatory design of a biometrically-driven audio player	Engineer, Microsoft Seattle
11	Co-Supervisor	Matthew Pan	Master's Thesis	Completed		2009/9	2012/6	An exploration of a haptic affect loop through use cases	PhD Student (Mech, UBC)
12	Principal Supervisor	Yasaman Sefidgar	Master's Thesis	Completed		2009/9	2012/1	Interaction & validation for a calming haptic social robot	Graduate student, SFU
13	Principal Supervisor	Idin Karuei	Doctorate	In Progress	2013/12	2007/9	2013/12	Haptic guidance of cadence (tentative)	PhD student
14	Principal Supervisor	Steve Yohanan	Doctorate	Completed		2004/9	2012/8	The Haptic Creature: Social Human-Robot Interaction through Affective Touch	Software Engineer
15	Co-Supervisor	Joseph Hall	Master's Thesis	Completed		2008/9	2011/8	Affecting affect effectively	unknown
16	Co-Supervisor	Gordon Chang	Master's Thesis	Completed		2009/9	2011/8	Audio stream bookmarking with a wristband controller	Manager, Microsoft Seattle
17	Principal Supervisor	Thomas Hazelton	Master's Thesis	Completed		2008/9	2010/8	Participatory design of implicit control for music player	Software Engineer
18	Principal Supervisor	Bradley Swerdfeger	Master's Thesis	Completed		2007/9	2009/8	A Longitudinal Study of Haptic Icon Learnability	User Experience Professional
19	Co-Supervisor	Jerome Pasquero	Doctorate	Completed		2005/9	2008/8	Distributed Laterotactile Communication	Conceptual Product Designer, RIM
20	Principal Supervisor	Mario Enriquez	Doctorate	Completed		2002/9	2008/8	Design of Haptic Signals for Information Communication	Research manager, Johnson Controls

								in Everyday Environments	
21	Principal Supervisor	David Ternes	Master's Thesis	Completed		2005/9	2007/8	Building Large Sets of Haptic Icons: rhythm as a design parameter, and between-subjects MDS for evaluation	User experience manager, Global Relay

Administrative Activities

Event Administration

	Role	Event Type	Event Name	Activity Start Date	Activity End Date	Event Start Date	Event End Date
1	General Co-Chair	Conference	2012 IEEE Haptics Symposium	2010-03-01	2012-03-15	2012-03-01	2012-03-15
2	General Co-Chair	Conference	2010 IEEE Haptics Symposium	2008-03-01	2010-03-15	2010-03-01	2010-03-15

Editorial Activities

	Role	Publication Type	Publication Name	Start Date	End Date
1	Guest Editor	Journal	Journal of HRI: Special Issue on Haptics in HRI: Cooperation and Communication	2013/1	2014/2
2	Guest Editor	Journal	Proceedings of the IEEE: Special Issue on Perceptual Media	2012/1	2013/9
3	Associate Editor (founding)	Journal	IEEE Transactions on Haptics	2007/1	2012/12

Knowledge and Technology Translation

	Role	Knowledge and Technology Translation Activity Type	Group/Organization/Business Served	Target Stakeholder	Outcome / Deliverable	Evidence of Uptake/Impact	Start Date	End Date	Activity Description
1	Co-founder	Research Uptake Strategies	Haptok Inc.	General Public	product	sales	2013/1	2015/12	commercialization of user interface research. Incorporated Jan 2013. Ongoing (end date listed is arbitrary)

International Collaboration Activities

	Role	Location	Start Date	Activity Description
1	collaborator	United States / Pennsylvania	2011-01-01	collaboration with Katherine Kuchenbecker, University of Pennsylvania
2	collaborator	United States / Illinois	2008-01-01	Collaboration with Ed Colgate, Northwestern University
3	collaborator	France	2008-01-01	collaboration with Vincent Hayward, Universite Marie Curie in Paris
4	collaborator	New Zealand	2007-12-01	collaboration with Andy Cockburn of University of Canterbury, human computer interaction.

Contributions

Presentations

	Presentation Title	Conference / Event Name	Location	City	Main Audience	Invited?	Keynote?	Competitive?	Presentation Date
1	Touch Interfaces: from Information Transfer to	Paris ACM Chapter	France	Paris	Researcher	Yes	No	No	2013-02-27

	Feeling Good								
2	Touch Interfaces: from Information Transfer to Feeling Good (Keynote and Workshops to mentor young women computer scientists)	Anima Caribe	Trinidad and Tobago	Port of Spain	General Public	Yes	Yes	Yes	2012-11-02
3	Touch Interfaces: from Information Transfer to Feeling Good	SURFNET	Canada / Ontario	Waterloo	Researcher	Yes	Yes	Yes	2012-09-27
4	Affective Communication through Touch	Singapore National University	Singapore	Singapore	Researcher	Yes	No	Yes	2012-06-05
5	What could you do with robust CADENCE & GAIT from your smartphone?	NeuroDevNet	Canada / British Columbia	Victoria	Knowledge User	Yes	No	Yes	2012-05-15
6	Emotional and Implicit Communication through Touch	Immersion Corporation	Canada / Quebec	Montreal	Knowledge User	Yes	No	Yes	2012-05-02
7	Physical Interfaces	SFU Women in Cognitive Science Series (Distinguished Lecture Series)	Canada / British Columbia	Burnaby	Researcher	Yes	No	Yes	2011-11-23
8	Studying Touch-Mediated Affective Communication	Psychonomics Tactile Research Group	United States / Washington	Seattle	Researcher	Yes	No	Yes	2011-11-13
9	Interfaces that Guide and Train through Haptics and Affect; but Not Much Attention	Department of Computer Science, ETH	Switzerland	Zurich	Researcher	Yes	No	Yes	2011-03-10
10	Interfaces that Guide and Train through Haptics and Affect; but Not Much Attention	Department of Mechanical Engineering, Johns Hopkins University	United States / Maryland	Baltimore	Researcher	Yes	No	Yes	2010-12-09
11	Interfaces that Guide and Train through Haptics and Affect; and Not Much Attention (Keynote Speaker)	Korea Haptics Conference	Korea, Republic of	Pohang	Researcher	Yes	Yes	No	2010-11-27
12	Interfaces that Guide and Train through Haptics and Affect; and Not Much Attention	Korea Haptics Conference, POSTECH University	Korea, Democratic People's Republic of	Pohang	Researcher	Yes	Yes	Yes	2010-11-27
13	Physically Communicated Affect	KAIST	Korea, Democratic People's Republic of	Daejeon	Researcher	Yes	No	Yes	2010-11-24
14	Haptic Icons in the Attentional Background	Gwangju Institute for Science and Technology	Korea, Democratic People's Republic of	Gwangju	Researcher	Yes	No	Yes	2010-11-23
15	Interfaces that Guide and Train with Low Attentional Demand Using Haptics and Affect	Department of Industrial and Operations Engineering, University of Michigan (Distinguished Lecture)	United States / Michigan	Ann Arbor	Researcher	Yes	No	Yes	2010-11-10
16	Novel Interfaces	General Motors	United States /	Warren	Knowledge User	Yes	No	Yes	2010-11-09

	using Haptics and Affect	Research Center	Michigan						
17	Persuasive Experiences: Interfaces that Guide and Train with Low Attentional Demand: Affect and Haptics	National Science Foundation, Planning workshop for future HCI Funding	United States / California	Burbank	Decision Maker	Yes	No	Yes	2010-09-23
18	Abstract to Affect	Willow Garage	United States / California	Menlo Park	Knowledge User	Yes	No	Yes	2010-03-09
19	Abstract to Affect	Department of Mechanical Engineering, Center for Design Research, Stanford University	United States / California	Palo Alto	Researcher	Yes	No	Yes	2010-03-09
20	A role for haptic/multimodal information display for elderly drivers	Department of Mechanical Engineering, Dynamic Design Lab, Stanford University with Nissan Motor Co	United States / California	Palo Alto	Knowledge User	Yes	No	Yes	2010-03-08
21	Emulating Human Attention-Getting Practices with Wearable Haptics	Nokia Vancouver	Canada / British Columbia	Burnaby	Knowledge User	Yes	No	Yes	2009-12-03
22	Building a haptic language: Communicating through Touch	Universidad Pontificia Bolivariana	Colombia	Bucamangara	Researcher	Yes	No	Yes	2009-05-07
23	Buiding a Haptic Language: Communicating through Touch (Keynote Speaker)	Universidad Pontificia Bolivariana	Colombia	Bucamaranga	Researcher	Yes	Yes	No	2009-05-07
24	Haptic Communication: from Abstract to Affect	Research in Motion	Canada / Ontario	Waterloo	Knowledge User	Yes	No	Yes	2009-04-21
25	Haptic Communication: from Abstract to Affect,	Department of Mechanical Engineering, University of Philadelphia	United States / Pennsylvania	Philadelphia	Researcher	Yes	No	Yes	2009-04-03
26	Communicating Affect through Touch in Mobile Networked Environments	Nokia University Relations Forum, Pacific Northwest Wireless Summit	Canada / British Columbia	Vancouver	Knowledge User	Yes	No	Yes	2009-01-19
27	Designing Interfaces for Transparent Communication through Touch	Departmental Seminar, Computer Science, University of British Columbia	Canada / British Columbia	Vancouver	Researcher	Yes	No	Yes	2009-01-01
28	Building a haptic language: Communicating through Touch	Segal Design Institute, McCormick School of Engineering, Northwestern University	United States / Illinois	Evanston	Researcher	Yes	No	Yes	2008-11-11
29	Building a haptic language: Communicating through touch	Department of Computer Science, University of Glasgow	United Kingdom	Glasgow	Researcher	Yes	No	Yes	2008-06-19
30	Building a haptic language: Communicating through touch	Max Plank Institute for Biological Cybernetics	Germany	Tuebingen	Researcher	Yes	No	Yes	2008-06-17

31	Building a haptic language: Communicating through touch	Institut des Systemes Intelligents et de Robotique, Université Pierre et Marie Curie	France	Paris	Researcher	Yes	No	Yes	2008-06-16
32	Building a haptic language: Communicating through touch	Group de Recerca Neurociencia Cognitiva, Universitat de Barcelona	Spain	Barcelona	Researcher	Yes	No	Yes	2008-06-09
33	1d Haptics: Perceptual design for embedded and mobile applications	Department of Electrical Engineering, University of Washington	United States / Washington	Seattle	Researcher	Yes	No	Yes	2008-06-08
34	Building a haptic language: Communicating through touch	Department of Computer Science, University of Canterbury	New Zealand	Christchurch	Researcher	Yes	No	Yes	2008-03-05
35	HCI Trends	HITLAB New Zealand, University of Canterbury	New Zealand	Christchurch	Researcher	Yes	Yes	Yes	2008-02-15
36	HCI Trends (Keynote Speaker)	HITLAB New Zealand	New Zealand	Christchurch	Researcher	Yes	Yes	No	2008-02-15

Interviews and Media Relations

Broadcast Interviews

	Topic	Program	Network	First Broadcast Date	End Date
1	Haptic sense and its integration or degeneration with today's technology	Yedioth Ahronoth media - Israel's most widely read newspaper group	Yedioth Ahronoth	2009-09-01	2009-09-01

Text Interviews

	Topic	Forum	Publication Date
1	The Touchy Subject of Haptics	Communications of the ACM: http://cacm.acm.org/magazines/2011/1/103196-the-touchy-subject-of-haptics/fulltext	2011-01-01
2	The Rise of the Helpful Machines	Popular Science: http://www.popsoci.com/technology/article/2010-07/rise-helpful-machines	2010-07-01

Publications

Journal Articles

	Article Title	Journal	Volume	Issue	Page Range	Publishing Status	Refereed?	Date	Authors
1	The Role of Affective Touch in Human-Robot Interaction: Human Intent & Expectations in Touching the Haptic Creature	International Journal of Social Robotics (SORO), Special Issue on Expectations, Intentions and Actions	4	2	163-180	Published	Yes	2012/4	Yohanan, S. and MacLean, K. E.
2	Putting Haptics into the Ambience	IEEE Transactions on Haptics	2	3	123-135	Published	Yes	2009/7	MacLean, K. E.
3	Designing for Feel: Contrasts between Human and Automated Parametric Capture of Knob Physics	IEEE Transactions on Haptics	2	4	200-211	Published	Yes	2009/1	Swindells, C., MacLean, K. E., and Booth, K. S.
4	Foundations of Transparency in	IEEE Transactions on	1	2	84-95	Published	Yes	2008/12	Maclean, K.E.

	Tactile Information Design	Haptics							
5	Backward and common-onset masking of vibrotactile stimuli	Brain Research Bulletin (Special Issue on Robotics and Neuroscience)	75		761-769	Published	Yes	2008/4	Enriquez, M. and MacLean, K. E.,
6	Designing Haptic Icons to Support Collaborative Turn-Taking	International Journal of Human Computer Studies	66		333-355	Published	Yes	2008/1	Chan, A., MacLean, K. E., and McGrenere, J.,

Book Chapters

	Chapter Title	Book Title	Page Range	Publishing Status	Date	Publisher	Refereed?	Authors	Editors
1	Haptic Interaction Design for Everyday Interfaces	Reviews of Human Factors and Ergonomics	149-194	Published	2008/1	Human Factors and Ergonomics Society	No	MacLean, K. E.	M. Carswell

Conference Publications

	Publication Title	Conference Publication Type	Page Range	Publishing Status	Date	Conference Name	Conference Date	Refereed?	Invited?	Authors
1	Enhancing Medical Image Interaction By Specializing the Mouse	Poster	4	Published	2013/6	Society for Imaging Informatics in Medicine (SIMM '13)	2013-06-03	Yes	No	Oram L, MacLean K, Kruchten P
2	It's Alive! Exploring the Concept of a Living Phone	Paper		Published	2013/6	Graphics Interface	2013-06-03	Yes	No	Dawson J, Schneider O, Ferstay J, Tokar D, Link J, Haddad S, MacLean K
3	Analysis of Task-Based Gestures in Human-Robot Interaction	Paper	7	Published	2013/5	IEEE Int'l Conf on Robotics and Automation (ICRA)	2013-05-06	Yes	No	Haddadi A, Croft E, Gleeson B, MacLean K, Alcazar J
4	The Design and Field Observation of a Haptic Notification System for Timing Awareness During Oral Presentations	Paper	1689-1698	Published	2013/5	ACM Conference on Human Factors in Computing Systems (CHI '13)	2013-05-01	Yes	No	Tam D, MacLean K, McGrenere J, Kuchenbecker K
5	Identifying parameters for affective rating of vibrations	Paper	6	Published	2013/4	IEEE WorldHaptics (WHC '13)	2013-04-15	Yes	No	Seifi H, MacLean K
6	Real-time Gait Classification for Persuasive Smartphone Apps: Structuring the Literature and Pushing the Limits	Paper	161-172	Published	2013/3	Int'l Conf on Intelligent User Interfaces (IUI '13)	2013-03-19	Yes	No	Schneider O, MacLean K, Altun K, Karuei I, Wu M
7	Gestures for Industry: Intuitive Human-Robot Communication from Human Observation	Paper	8	Published	2013/3	ACM/IEEE Int'l Conf on Human-Robot Interaction (HRI '13)	2013-03-04	Yes	No	Gleeson B, MacLean K, Haddadi A, Croft E, Alcazar J
8	Affective Touch Recognition for a Furry Therapeutic	Paper	25-32	Published	2013/2	Int'l Conf on Tangible, Embedded and Embodied Interaction	2013-02-10	Yes	No	Flagg A, MacLean K

	Machine					(TEI)				
9	Conductive Fur Sensing for a Gesture-Aware Furry Robot	Paper	99-104	Published	2012/3	IEEE Haptic Symposium	2012-03-01	Yes	No	Flagg A, Tam D, MacLean K, Flagg R
10	Exploring the Design Space of Programmable Friction for Scrolling Interactions	Paper	23-30	Published	2012/3	IEEE Haptic Symposium	2012-03-01	Yes	No	Levesque V, Oram L, MacLean K
11	Perception of Sound Renderings via Vibrotactile Feedback	Paper	361-366	Published	2011/6	IEEE WorldHaptics (WHC '11)	2011-06-01	Yes	No	Pedrosa R, MacLean K
12	The Haptic Crayola Effect: Exploring the Role of Naming in Learning Haptic Stimuli	Paper	385-390	Published	2011/6	WorldHaptics (WHC '11)	2011-06-01	Yes	No	Hwang I, MacLean K, Brehmer M, Hendy J, Sotirakopoulos A, Choi S
13	Detecting Vibrations Across the Body in Mobile Contexts	Paper	3267-3276	Published	2011/5	ACM Conf on Human Factors in Computing Systems	2011-01-01	Yes	No	Karuei I, MacLean K, Foley-Fisher Z, Mackenzie R, Koch S, El-Zohairy M
14	Now, where was I? Physiologically Triggered Bookmarks for Audio Books	Paper	8 pages	Published	2011/5	ACM Conf on Human Factors in Computing Systems (CHI '11)	2011-03-01	Yes	No	Pan M. K. X. J., Chang, J.-S., Himmetoglu, G. H., Moon, A., Hazelton, T. W., MacLean, K. E., and Croft, E
15	Enhancing Physicality in Touch Interaction with Programmable Friction	Paper	2481-2490	Published	2011/4	ACM Conf on Human Factors in Computing Systems	2011-01-01	Yes	No	Levesque V, Oram L, MacLean K, Cockburn A, Marchuk N, Johnson D, Peshkin M
16	Design and Assessment of the Haptic Creature's Affect Display	Paper	473-480	Published	2011/3	ACM/IEEE Int'l Conf on Human-Robot Interaction	2011-03-01	Yes	No	Yohanan S, MacLean K
17	Gesture Recognition in the Haptic Creature	Paper	385-391	Published	2010/7	EuroHaptics	2010-07-01	Yes	No	Chang J, MacLean K, Yohanan S
18	Emulating Human Attention-Getting Practices with Wearable Haptics	Paper	149-156	Published	2010/3	IEEE Haptic Symposium	2010-03-01	Yes	No	Baumann M, MacLean K, McKay A
19	Evaluation of 3D Haptic Target Rendering to Support Timing in Music Tasks	Paper	19-24	Published	2009/6	New Interfaces for Musical Expression (NIME '09)	2009-06-01	Yes	No	Pedrosa R, MacLean K
20	Exploring Melodic Variance in Rhythmic Haptic Stimulus Design	Paper	131-140	Published	2009/6	Graphics Interface	2009-06-01	Yes	No	Swerdfeger B, Fernquist J, Hazelton T, MacLean K
21	Perceptually Informed Roles for Haptic Feedback in Expressive	Paper	21-29	Published	2008/11	Haptic-Audio Interaction Design (HAID '08)	2008-11-01	Yes	No	Pedrosa R, MacLean K

	Music Controllers									
22	Designing Large Sets of Haptic Icons with Rhythm	Paper	199-208	Published	2008/6	Eurohaptics	2008-06-01	Yes	No	Ternes D, MacLean K
23	The Haptic Creature Project: Social Human-Robot Interaction through Affective Touch	Paper	7-11	Published	2008/4	The Reign of Katz and Dogz, 2nd AISB Symp on the Role of Virtual Creatures in a Computerised Society	2008-04-01	Yes	No	Yohanan S, MacLean K
24	The Role of Choice in Longitudinal Recall of Meaningful Tactile Signals	Paper	49-56	Published	2008/3	15th IEEE Symposium on Haptic Interfaces for Virtual Environments and Teleoperator Systems	2008-03-01	Yes	No	Enriquez M, MacLean K
25	Morphing in Periodic Tactile Signals	Paper	178-183	Published	2008/3	3rd Worldhaptics Conference (WHC '08)	2009-03-01	Yes	No	MacLean K, Enriquez M, Lim T
26	Evaluation of Haptically Augmented Touchscreen GUI Elements under Cognitive Load	Paper	374-381	Published	2007/11	9th Int'l Conf on Multimodal Interfaces	2007-11-01	Yes	No	Leung R, MacLean K, Bertelsen M, Saubhasik M

Intellectual Property

Patents