

Pascal E. Fortin

CONTACT INFORMATION	3431 Adam St. Montreal, QC H1W-1Y4	+1-581-234-2306 pe.fortin@mail.mcgill.ca
RESEARCH INTERESTS	Human-Computer Interactions (HCI), Physiological signals, Emotions, Haptics	
VOLUNTEERING	Committee Position: Student Volunteer Chair (ACM UIST 2017-2018) Reviewer: ACM CHI/UIST, IEEE Transactions on Affective Computing, Haptics Symposium	
EDUCATION	McGill University , Montreal, QC, Canada Ph.D., Human-Computer Interactions, <i>Expected</i> : Summer 2020 <ul style="list-style-type: none">• Supervisor: Jeremy R. Cooperstock, Ph.D Université du Québec À Chicoutimi , Saguenay, QC, Canada B.Eng., Electrical Engineering, May 2015 CÉGEP de Jonquière , Saguenay, QC, Canada DEC, Natural Sciences, May 2013 Kenogami High School , Saguenay, QC, Canada DES & IB MYP, High School Diploma and International Baccalaureate Middle Year Program, June 2011	
RESEARCH EXPERIENCE	Research Intern Mitacs Accelerate, Biosignal Interaction and Personhood Technology Lab School of Physiology and Occupational Therapy, McGill University Supervisor: Stefanie Blain-Moraes, Ph.D.	June 2016 to October 2016
	Research Intern NSERC USRA funded Laboratory of Automation and intelligent 3D multimodal interactions Department of Applied Sciences, Université du Québec À Chicoutimi Supervisors: Martin Otis, Ph.D	May 2014 to September 2014
	Research Intern NSERC USRA funded Laboratory of Automation and intelligent 3D multimodal interactions Department of Applied Sciences, Université du Québec À Chicoutimi Supervisors: Martin Otis, Ph.D	May 2013 to September 2013
	Research Intern Laboratory of Automation and intelligent 3D multimodal interactions Department of Applied Sciences, Université du Québec À Chicoutimi Supervisors: Martin Otis, Ph.D	May 2012 to September 2012

PUBLICATIONS

Fortin, P. E., Cooperstock J. R.(2017). Laughter and Tickers: Toward Novel Approaches for Emotion and Behavior Elicitation. *IEEE Transactions on Affective Computing*, PP(99).

Otis, M. J.-D., Ayena, J. C., Tremblay, L. E., **Fortin, P. E.**, & Ménélas, B.-A. J. (2016). Use of an Enactive Insole for Reducing the Risk of Falling on Different Types of Soil Using Vibrotactile Cueing for the Elderly. *PLoS One*, 11(9).

Fortin, P. E., Otis, M. J.-D., Duchaine, V., & Cooperstock, J. R. (2014). Event-based haptic vibration synthesis using a recursive filter for lower limb prosthetics. In *2014 IEEE International Symposium on Haptic, Audio and Visual Environments and Games (HAVE) Proceedings* (pp. 47-52).

POSTERS & PRESENTATIONS

Fortin, P. E.(2017). “Physiological Confirmation of Stimulus Reception”. 3rd Annual Celebration of Innovation and Entrepreneurship, Faculty of Engineering McGill University. Montreal, Canada.

Fortin, P. E., Blum, J., & Cooperstock, J. R. (2017). “Raising the Heat : Electrical Muscle Stimulation for Simulated Heat Withdrawal Response”. *ACM User Interaction and Software Technologies (Quebec city, Canada) & McGill Engineering Research Showcase (Montreal, Canada)*.

AWARDS

Awards — McGill University,

- McGill Engineering Doctoral Award 2016–2019
- TechAccelR Innovation Grant, with Jeremy Cooperstock 2017
- Les Vadasz Engineering Fellowship 2016–2017
- Hydro-Quebec Doctoral Fellowships in Engineering 2016–2017

Travel Awards

- McGill GREAT Travel Award, ACM User Interaction and Software Technology Symposium (UIST), Tokyo, Japan October 2016
- SIGCHI Student Travel Grant for UIST 2016, Tokyo, Japan October 2016

Awards — Université du Québec À Chicoutimi,

- National Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Student Research Award (USRA) 2014
- National Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Student Research Award (USRA) 2013
- UQAC Capitalized Development Funds - Desjardins Award 2013

TEACHING EXPERIENCE

Teaching Assistant Fall 2012

6GEN645 - Microcontroller systems
 Instructor: Martin Otis, Ph.D
 Department of Applied Sciences,
 Université du Québec À Chicoutimi

Teaching Assistant Spring 2012

6TIN100 - Introduction to computer programming
 Instructor: Hatem Mrad, Ph.D
 Department of Applied Sciences,
 Université du Québec À Chicoutimi

MEMBERSHIPS

Student Member, IEEE

Student Member, Centre for Interdisciplinary Research in Music Media and Technology (CIRMMT)

Student Member, Centre for Interdisciplinary Research in Rehabilitation of Greater Montreal (CRIR)