Natural Sciences and Engineering
Research Council of Canada

Conseil de recherches en sciences
naturelles et en génie du Canada

FORM 100
Personal Data Form
PART I

Date

2013/06/14

Family name	Given name	Initial(s) of all given names	Personal identification no. (PIN)
Reilly	Derek	DF	**Valid** 296047

☐ I hold a faculty position at an eligible Canadian college
(complete Appendices B1 and C)

☐ I do not or will not hold an academic appointment at a
Canadian postsecondary institution

_____

Place of employment other than a Canadian postsecondary
Institution (give address in Appendix A)

APPOINTMENT AT A POSTSECONDARY INSTITUTION

Title of position
Assistant Professor

Department
Computer Science, Faculty of

Campus
Studley Campus

Canadian postsecondary institution

Tenured or tenure-track
academic appointment   Yes ☐   No ☐

Part-time appointment ☐   Full-time appointment **X**

- For all non-tenured or non tenure-track academic appointment and
  Emeritus Professors, complete Appendices B & C
- For life-time Emeritus Professor and part-time positions, complete
  Appendix C

ACADEMIC BACKGROUND

Degree	Name of discipline	Institution	Country	Date yyyy/mm
Bachelor's	Computer Science (Honours)	McGill	CANADA	1996 / 04
Bachelor's	Education	Queen's	CANADA	1997 / 05
Doctorate	Computer Science	Dalhousie	CANADA	2009 / 04

TRAINING OF HIGHLY QUALIFIED PERSONNEL

Indicate the number of students, fellows and other research personnel that you:

	Currently		Over the past six years (excluding the current year)		
	Supervised	Co-supervised	Supervised	Co-supervised	Total
Undergraduate	2		2		4
Master's	5	1	2	1	9
Doctoral		1			1
Postdoctoral	1				1
Others	4		15	4	23
Total	12	2	19	5	38

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Not Completed

ACADEMIC, RESEARCH AND INDUSTRIAL EXPERIENCE (use one additional page if necessary)

Position held (begin with current)	Organization	Department	Period (yyyy/mm to yyyy/mm)
Assistant Professor	Dalhousie	Computer Science, Faculty of	2011/10
Graduate Program Director, Digital Futures	OCAD University	School of Interdisciplinary Studies	2011/07 to 2011/10
Associate Professor (status only)	University of Toronto	Computer Science	2011/01 to 2013/12
Associate Professor (tenure track)	OCAD University	Liberal Arts & Sciences	2010/11 to 2011/10
Sessional Instructor (online)	St. Mary's University	Mathematics and Computer Science	2009/01 to 2009/04
Postdoctoral Fellow	Georgia Institute of Technology	Interactive Computing	2008/10 to 2010/10
Research Assistant	McGill University	Science (Physics)	2006/01 to 1996/04
Instructor (Sessional)	Dalhousie University	Computer Science, Physics, Engineering	2004/01 to 2008/04
Instructor	Dalhousie University	Continuing Technical Education	2003/09 to 2008/05

	Personal identification no. (PIN)	Family name	
	Valid 296047	Reilly	

ACADEMIC, RESEARCH AND INDUSTRIAL EXPERIENCE (use one additional page if necessary)

Position held (begin with current)	Organization	Department	Period (yyyy/mm to yyyy/mm)
Research Assistant	Dalhousie University	Computer Science	2003/07 to 2008/09
Research Assistant Level II (full time, contract)	Memorial University of Newfoundland	Applied Science and Engineering	2001/07 to 2002/05
Principal Consultant	Locasys Software Inc.	n/a	2000/02 to 2003/12
Instructor	Memorial University	Continuing Education	1999/09 to 2001/04
Engineer, Technical Lead	U S WEST Telecommunications Inc.	Global Village Labs	1998/05 to 2000/02
User Interface Specialist	MEI Inc. Montreal	R&D	1997/05 to 1998/05
QA Specialist, Technical Writer	MKS Inc. Waterloo	R&D	1996/04 to 1996/09

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Personal identification no. (PIN)	Family name
Valid 296047	Reilly

RESEARCH SUPPORT

Family name and initial(s) of applicant	Title of proposal, funding source and program, and time commitment (hours/month)	Amount per year	Years of tenure (yyyy)
List all sources of support **(including NSERC grants and university start-up funds)** held as an applicant or a co-applicant: a) support held in the past four (4) years but now completed; b) support currently held, and c) support applied for. For group grants, indicate the percentage of the funding directly applicable to your research. Use additional pages as required.			

a) Support held in the past 4 years

Derek Reilly	OCAD University Equipment Grant	20,000	2010
Derek Reilly	OCAD University Research Grant	6,500	2010
Normative Design Inc.	Sousveiller Fed-Dev Applied Research and Commercialization Initiative 10 hours/month	33,000 (30%)	2011
Derek Reilly	An evaluation of spatial sense-making tools for mobile home buyers using the HomeZilla online real estate service NSERC Engage 20 hours/month	25,000	2012

Personal identification no. (PIN)	Family name
Valid 296047	Reilly

RESEARCH SUPPORT

Family name and initial(s) of applicant	Title of proposal, funding source and program, and time commitment (hours/month)	Amount per year	Years of tenure (yyyy)
List all sources of support **(including NSERC grants and university start-up funds)** held as an applicant or a co-applicant: a) support held in the past four (4) years but now completed; b) support currently held, and c) support applied for. For group grants, indicate the percentage of the funding directly applicable to your research. Use additional pages as required.			

b) Support currently held

Family name and initial(s) of applicant	Title of proposal, funding source and program, and time commitment (hours/month)	Amount per year	Years of tenure (yyyy)
Derek Reilly	GRAND NCE 20 hours/month	15,000 20,000 18,000	2011 2012 2013
Derek Reilly	Dalhousie Faculty of Computer Science Startup Grant	13,000	2011
Evangelos Milios	Mobile Graphics Boeing 20 hours/month	125,000 (15%) 125,000 (15%) 125,000 (15%)	2011 2012 2013
Derek Reilly	Document-centric mixed reality for connecting remote workgroups NSERC Discovery Grant 25 hours/month	19,000 19,000 19,000 19,000 19,000	2012 2013 2014 2015 2016

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Personal identification no. (PIN)	Family name
Valid 296047	Reilly

RESEARCH SUPPORT

Family name and initial(s) of applicant	Title of proposal, funding source and program, and time commitment (hours/month)	Amount per year	Years of tenure (yyyy)
List all sources of support **(including NSERC grants and university start-up funds)** held as an applicant or a co-applicant: a) support held in the past four (4) years but now completed; b) support currently held, and c) support applied for. For group grants, indicate the percentage of the funding directly applicable to your research. Use additional pages as required.			

b) Support currently held

Family name and initial(s) of applicant	Title of proposal, funding source and program, and time commitment (hours/month)	Amount per year	Years of tenure (yyyy)
Derek Reilly	Design of Mobile Natural User Interfaces for Visualization and Management of Large Patient Databases Mitacs Accelerate Cluster 20 hours/month	20,000 (63%) 60,000 (63%) 40,000 (63%)	2012 2013 2014
Derek Reilly	Design of Mobile Natural User Interfaces for Visualization and Management of Large Patient Databases Mitacs Elevate 20 hours/month	65,000(100%) 65,000(100%)	2013 2014
Kirstie Hawkey	Mobile Graphics NSERC CRD 20 hours/month	90,000 (20%) 90,000 (20%) 90,000 (20%)	2013 2014 2015

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Highly Qualified Personnel (HQP)

Provide personal data about the HQP that you currently, or over the past six years, have supervised or co-supervised.

	Personal identification no. (PIN)		Family name	
	Valid 296047		Reilly	

Name	Type of HQP Training and Status	Years Supervised or Co-supervised	Title of Project or Thesis	Present Position
(Name withheld)	Master's (In Progress)	Supervised 2012 -	Mobile wayfinding support for homebuyers	MCS student
(Name withheld)	Postdoctoral (Completed)	Supervised 2012 -	NUIs for managing complex mobile workflows in healthcare	
(Name withheld)	Master's (In Progress)	Co-supervised 2012 -	3D Object Recognition on mobile devices	MCS student
(Name withheld)	Doctoral (In Progress)	Co-supervised 2012 -	Mixed reality for document sharing	PhD Student, Dalhousie University
(Name withheld)	Master's (In Progress)	Supervised 2012 -	tabletop disambiguation using vision-based tracking	MCS student
(Name withheld)	Master's (In Progress)	Supervised 2012 -	A framework for gesture-based annotation while jogging.	MACS Student, Dalhousie University
(Name withheld)	Master's (In Progress)	Supervised 2012 -	TBD	MCS Student, Dalhousie University
(Name withheld)	Master's (In Progress)	Supervised 2012 -	Psychosocial support for cancer patients using virtual world	MCS student
(Name withheld)	Master's (In Progress)	Supervised 2011 -	Boeing Mobile Graphics - hybrid physical/digital documents	MACS student, Dalhousie University
(Name withheld)	Master's (In Progress)	Supervised 2011 -	TBD	MCS student, Dalhousie University
(Name withheld)	Undergraduate (Completed)	Supervised 2012 - 2013	Limber: game reducing the risk of office RSI	BCS student, Dalhousie University
(Name withheld)	Res. Associate (Completed)	Supervised 2012 - 2012	Limber: game reducing the risk of office RSI	MACS Student, Dalhousie University
(Name withheld)	Res. Associate (In Progress)	Supervised 2012 - 2012	Limber: game reducing the risk of office RSI	BCS student, Dalhousie University
(Name withheld)	Undergraduate (Completed)	Supervised 2012 - 2012	Limber: game reducing the risk of office RSI	BCS student, Dalhousie University
(Name withheld)	Res. Associate (Completed)	Co-supervised 2011 - 2012	Limber: game reducing the risk of office RSI	M Des. student, Digital Futures graduate program, OCAD U
(Name withheld)	Ind. Study (Completed)	Supervised 2011 - 2011	InNEED, Microsoft Research Design Expo	Master's, Integrated Art Media and Design OCAD U
(Name withheld)	Ind. Study	Supervised 2011 - 2011	InNEED, Microsoft Research Design Expo	Master's, Integrated Art Media and Design OCAD U
(Name withheld)	Res. Associate	Co-supervised 2010 - 2010	TwinSpace: study analysis	Master's student, Digital Media, Georgia Tech
(Name withheld)	Res. Associate	Supervised 2010 - 2010	TwinSpace: trolley sensor assembly	Undergraduate, Computer Science, Georgia Tech
(Name withheld)	Res. Associate	Supervised 2010 - 2010	TwinSpace: privacy in mixed reality	Researcher in software industry, Denmark

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Highly Qualified Personnel (HQP)

Provide personal data about the HQP that you currently, or over the past six years, have supervised or co-supervised.

	Personal identification no. (PIN)	Family name
	Valid 296047	Reilly

Name	Type of HQP Training and Status	Years Supervised or Co-supervised	Title of Project or Thesis	Present Position
(Name withheld)	Res. Associate	Supervised 2009 - 2010	TwinSpace: controlled studies	PhD student, School of Information UC Irvine
(Name withheld)	Res. Associate	Supervised 2009 - 2010	TwinSpace: controlled studies	PhD student, School of Information UC Irvine
(Name withheld)	Master's (Completed)	Co-supervised 2009 - 2010	Sharing of Information with Cross-Reality Interactions	PhD student, MIT Media Lab
(Name withheld)	Res. Associate	Supervised 2009 - 2010	TwinSpace: tangible computing	Undergraduate, Computer Science, Georgia Tech
(Name withheld)	Res. Associate	Supervised 2008 - 2010	TwinSpace: tangible computing	PhD candidate, Digital Media, Georgia Tech
(Name withheld)	Res. Associate	Supervised 2009 - 2009	TwinSpace: orientation controller	Undergraduate, Computer Science, Georgia Tech
(Name withheld)	Res. Associate	Supervised 2009 - 2009	TwinSpace: infrastructure	PhD student, Computer Science, Georgia Tech
(Name withheld)	Res. Associate	Supervised 2009 - 2009	TwinSpace: infrastructure	Programmer, Ipswitch Inc. Atlanta
(Name withheld)	Res. Associate	Supervised 2009 - 2009	TwinSpace: modelling	Undergraduate, Digital Media, Georgia Tech
(Name withheld)	Res. Associate	Supervised 2008 - 2009	TwinSpace: infrastructure	PhD student, Computer Science, Georgia Tech
(Name withheld)	Res. Associate	Supervised 2007 - 2008	USRA: Marked up maps, fiducial tracking	MSc. Computer Science, Dalhousie (graphics)
(Name withheld)	Res. Associate	Supervised 2007 - 2007	Air Chalking: study and sensor assembly	Programmer, TransGaming Inc. Toronto
(Name withheld)	Res. Associate	Co-supervised 2006 - 2007	USRA: Air chalking: preliminary testing, sensor assembly	Programmer, Essential Skills, Toronto
(Name withheld)	Res. Associate	Co-supervised 2006 - 2006	USRA: Marked up Maps, RFID system development	Unknown
(Name withheld)	Res. Associate	Co-supervised 2005 - 2005	USRA: Need to Know. Collaboration with Intel Research	MArch. UBC

Personal information collected on this form and appendices will be stored in the Personal Information Bank for the appropriate program.

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Most Significant Contributions to Research and/or Practical Applications

1. Marked-up Maps: mobile interaction with static media. Early research in the use of Near Field Computing techniques for interacting with physical media (like paper maps and stationary kiosks) using mobile devices, examining how the static media and the mobile display can effectively work together to promote information retrieval [3,4,14,17,19,20,23,24]. I co-organized three workshops on this theme and am currently guest-editing a special issue of the Journal of Mobile and Ubiquitous Computing on the topic.
2. TwinSpace: explorations of collaborative mixed-reality. This work considered the use of an online virtual world to connect remote collaborators to others working in a physical team room. In this work I defined and created a generic framework for collaborative mixed reality, evolved a co-design approach with designers and architects for linking physical and virtual spaces, developed and evaluated a demonstration team room, and explored a range of collaborative mixed reality prototypes using the framework [2,8,10,11,12,13,26-29]. I have demoed to many groups including CNN execs, Intel Research, IBM Research, the office of the president (Georgia Tech), CHI conference attendees, area teachers, and have given a number of invited talks relating my experiences in this area.
3. Application of results and theories from spatial cognition and environmental psychology to ubiquitous and collaborative computing interfaces. This has been a common theme in my research, helping to frame hypotheses and shape methodology [1,2,5,8,9,14,15,16,18].

Research Contributions and Practical Applications

Articles in refereed publications:

1. **Reilly, D.**, Chevalier, F. and Freeman, D. "Ethics and Pragmatics of Blending Art Events and HCI Research: Tweetris Experiences" *To Appear* In Art, Experience, and Evaluation. Candy, L., and Ferguson, S. (eds.) (Springer Cultural Computing Series) *In Press*.
2. **Reilly, D.** Reaching the same point: Effects on consistency when pointing at objects in the physical environment without feedback. Intl. Journal of Human Computer Studies, 69(1-2): 9-18, 2011.
3. **Reilly, D.**, Voida, S., McKeon, M., Le Dantec, C., Edwards, W. K., Mynatt, E. and Mazalek, A. Space Matters: Physical-Digital and Physical-Virtual Co-Design in the Inspace Project. IEEE Pervasive Computing, 9(3):54-63, 2010.
4. **Reilly, D.**, Mackay, B., Watters, C., and Inkpen, K. Planners, Navigators, and Pragmatists: collaborative wayfinding using a single mobile phone. Personal and Ubiquitous Computing 13:321–329, 2009.
5. **Reilly, D.**, Mackay, B. and Inkpen, K. (2008) How mobile maps cooperate with existing navigational infrastructure. Book chapter in Mobile Map-based Services: Interactivity and Usability. Meng, L., Zipf, A., Winter, S. (Eds.) LNGC, Springer.
6. **Reilly, D.**, Rodgers, M., Argue, R., Nunes, M., and Inkpen, K. Marked-up Maps: Combining Paper Maps and Electronic Information Resources. Personal and Ubiquitous Computing 10:215–226, 2006.

Other refereed contributions:

7. **Reilly, D.**, and MacKay, B. Annotating Ecology: Looking to Biological Fieldwork for Mobile Spatial Annotation Workflows. In proceedings of 15th International Conference on HCI with Mobile Devices and Services (Mobile HCI '13), acceptance rate 24%, Munich, Germany, *to appear.*

8. Freeman, D., Chevalier, F., Lapierre, N., and. **Reilly, D**., Tweetris: A Study of Whole Body Interaction at a Public Art Event. In proceedings of ACM Creativity and Cognition Conference (C&C '13), Sydney, Australia, *to appear*. **Best paper award.**

9. Perreault, S., Lapierre, N., Neil, D., Parker, D., Bal, H. and **Reilly, D.** (2013) Limber: Exploring Motivation in a Workplace ExerGame. GRAND Conference 2013, Toronto, ON, Canada.

10. Mahajan, S., Abidi, R., and **Reilly, D.** Providing psychosocial support to young cancer patients through an online virtual world. *To appear in proceedings of ISHMIR 2013, Halifax, NS, Canada.*

11. Tarun, A., Wang, P., Girouard, A., Strohmeier, P., **Reilly, D.**, and Vertegaal, R. (2013). PaperTab: An Electronic Paper Computer with Multiple Large Electrophoretic Displays. Extended Abstracts of CHI 2013 (demo), Paris, France

12. Tarun, A., Wang, P., Strohmeier, P., Girouard, A., **Reilly, D.**, and Vertegaal, R. (2013). PaperTab: Tablets as Thin and Flexible as Paper. Extended Abstracts of CHI 2013 (video), Paris, France

13. Neil, D., Lapierre, N., Parker, D., Perreault, S., Bal, H., Westecott, E. and **Reilly, D.**, (2013) Limber: Exploring Motivation in a Workplace ExerGame. Extended Abstracts of CSCW 2013 (poster). San Antonio, TX, USA

14. Hawkey, K. and **Reilly, D.** (2013). Finances, Fitness and Fuel: Our Experiences Designing and Evaluating Personal and Persuasive Informatics. CHI 2013 Workshop on Personal Informatics in the Wild: Hacking Habits for Health and Happiness, Paris, France,

15. **Reilly, D.**, Freeman, D., Chevalier, F., Lapierre, N., Neil, D., Patel, J. (2013). Mammoth Stickman plays Tetris: whole body interaction with large displays at an outdoor public art event. CHI 2013 Workshop on Experiencing Interactivity in Public Spaces, Paris, France

16. **Reilly, D**, Salimian, M., and Brooks, S. (2013) Document-Centric Mixed Reality and Informal Communication in a Brazilian Neurological Institution. Beyond Formality: Informal Communication in Health Practices Workshop, CSCW 2013, San Antonio, TX, USA.

17. Chanda, F., Moufti, N., and **Reilly, D**. (2012) InNEED: Managing Natural Disasters through Community Self-Organization using Mobile Technology. Workshop on Collaboration and Crisis Informatics (CCI), CSCW 2012, Seattle, WA

18. Freeman, D., Duffield, K., Hartman, K., Westecott, E., and **Reilly, D.**, (2012) Tweetris:Play With Me. (Art Exploration, Juried) In Proceedings of TEI '12, Kingston, ON

19. Leung, K., **Reilly, D**., Hartman, K., Stein, S. and Westecott, E. Limber: DIY Wearables for Reducing Risk of Office Injury. In proceedings of Sixth Tangible and Embedded Interaction Conference (TEI '12), Kingston, Canada.

20. Tang, A., Massey, J., **Reilly, D**., Wong, N. and Edwards, W. K. Verbal Coordination in First Person Shooter Games. In proceedings of CSCW 2012, Seattle WA, USA.

21. **Reilly, D**., Tang, A., Wu, A., Mathiasen, N., Echenique, A., Massey, J., Rouzati, H. and Chamoli. S. Toward a framework for prototyping physical interfaces for multiplayer gaming. In proceedings of International Conference on Entertainment

Computing (ICEC '11), Vancouver, Canada.

22. Wu, A., **Reilly, D**., Tang, A. and Mazalek, A. Tangible Navigation and Object Manipulation in Virtual Environments. In proceedings of Tangible and Embedded Interaction Conference (TEI '11), Funchal, Portugal, acceptance rate 32%.

23. **Reilly, D.**, Tang A., Wu, A., Echenique, A., Massey, J., Mathiasen, N., Mazalek, A., and Edwards, W.K. Organic UIs and Cross-Reality Spaces. Second International Workshop on Organic User Interfaces, TEI 2011.

24. **Reilly, D.**, Rouzati, H., Hwang, J. Y., Brudvik, J., Wu, A., and Edwards, K. TwinSpace: an Infrastructure for Cross-Reality Team Spaces. In proceedings of UIST 2010, New York, N.Y., USA, 119-128, acceptance rate 18%.

25. **Reilly, D.,** Inkpen, K., and Watters, C. (2009) Getting the Picture: Examining how Feedback and Layout Impact Mobile Device Interaction with Maps on Physical Media. In proceedings of ISWC '09, Austria, 55-62, acceptance rate 28%. **Best paper nomination**.

26. **Reilly, D.**, Inkpen, K and Watters, C. (2008) Controlling, integrating, and engaging context in urban computing research. In proceedings of HICSS '09, HI, USA., 1-10

27. **Reilly, D.,** Mackay, B., Watters, C. and Inkpen, K. (2008) Small details: using one device to navigate together. In proceedings of CSCW '08, San Diego, CA, USA, 253-256, acceptance rate 16%.

28. **Reilly, D.**, Mackay, B. and Inkpen, K. "How mobile maps cooperate with existing navigational infrastructure." In Mobile Map-based Services: Interactivity and Usability. Meng, L., Zipf, A., Winter, S. (eds.) (LNG&C, Springer, 2008.) pp 267-292.

29. **Reilly, D.** and Inkpen, K. (2007) White rooms and morphing don't mix: setting and the evaluation of visualization techniques. In proceedings of CHI '07, San Jose, USA, 111–120, acceptance rate 25%.

30. Chen, H. and **Reilly, D**. (2007) GET-based map icon identification for Interaction with Maps and Kiosks. Intl. Workshop on Video Processing and Recognition, special session of Computer and Robotic Vision (CRV '07), Montreal PQ, Canada.

31. **Reilly, D**., Chen, H., and Smolyn, G. (2007) Toward Fluid, Mobile and Ubiquitous Interaction with paper using recursive 2D barcodes. 3rd Intl. Workshop on Pervasive Mobile Interaction Devices (PerMID '07), Toronto ON, Canada.

32. **Reilly, D.,** Dearman, D., Ha, V., Smith, I. and Inkpen, K. (2006) "Need to Know": Examining Information Need in Location Discourse. In proceedings of Pervasive '06, Dublin, Ireland, 33–49, acceptance rate 13%.

33. **Reilly, D**., and Inkpen, K. (2006): "Give me that!": partitioning and extending maps for group navigation and planning. In adjunct proceedings of CSCW '06 (demo), Banff AB, Canada.

34. **Reilly, D.** (2006) Is a paper map a mobile shared display? 1st Intl. Workshop on Collaboration over paper and digital documents (CoPADD '06), Banff AB, Canada.

35. **Reilly, D.** and Chen, H. (2006) Mobile Lenses: a Hybrid Approach to Direct Interaction with Maps and Kiosks. 2nd Intl. Workshop on Pervasive Mobile Interaction Devices (PerMID '06), Dublin, Ireland.

36. Molloy, S., Bose, N. and **Reilly, D.** (2006) A Sensitivity study of Ship Powering Prediction Using Monte Carlo Simulation. In proceedings of MAHY '06, Visakhapatnam, India.

Non-refereed contributions:

37. **Reilly, D.** (2011) Past meets present in the instrumented project room. Paper

presentation at the Duration:Before and After Media conference (abstract reviewed). Toronto, Canada.

38. **Reilly, D.** (2011) Twinspace: A Rapid Prototyping Framework for Multi-Player, Multi-Device, Multi-Modal Games and Interactive Environments. Invited presentation at the InPlay conference. Toronto, Canada.

39. **Reilly, D.**, Tang, A., Wu, A., Echenique, A., Chamoli, S., Massey, J. and Edwards, W.K. (2010). Or de l'Acadie: a TwinSpace demo (invited demo) presented at UIST '10, New York NY, USA.

40. Wu, A., **Reilly, D.**, Hwang, J.Y., Echenique, A., Santos, E., and Edwards, W.K. (2009). A cross-reality shopping system. 3DUI '10 Grand Prize contest demo and video, Boston MA, USA. (peer adjudicated, 3rd place).

41. **Reilly, D**. (2008) Group navigation: small interventions, early prototypes, experimental control, and the Living Lab. Intl. Workshop on User Involvement in the Innovation Process: A Living Lab Approach, Halmstad, Sweden.

Contributions to practical application of knowledge:

- Faculty Investigator on Fed Dev project supporting the development of a locative media platform. Industrial partner Normative Design, Inc. (2011)
- Collaborator with Steelcase Workspace Futures exploring physical-virtual co-design and related furniture and layout concepts. (2008-2010).
- Led OCADU-UofT collaboration on exhibit for Nuit Blanche 2011 in Toronto. Designed and developed full-body Tetris interface with collaborators, ran again in Halifax Nocturne and won Artist Award (among 84 exhibits) (2011-2012).

Other Evidence of Impact and Contributions

Program Committee: 15th International Conference on Mobile HCI		2013
Program Committee: 11th International Conference on Mobile and Ubiquitous Multimedia, 7th International Conference on the Theory and Practice of Diagrams		2012
Program Committee: 13th International Conference on Mobile HCI		2011
Guest Editor: Journal of Pervasive and Mobile Computing		
Invited Talk: University of Washington Center for Serious Play, OCAD University Celebration of Research		2010
Program Committee: IEEE Intl. Symp. on Mixed and Augmented Reality (ISMAR 2010)		
Program Committee: CHI 2010 (workshops *and* works in progress), Mobile Interaction in the Real World '09 workshop		2009
Workshop Organizer: Pervasive Mobile Interaction Devices (PerMID '08)		2008
Workshop Organizer: Pervasive Mobile Interaction Devices (PerMID '07)		2007
Program Committee: Intl. Symposium on Ubiquitous Computing Systems		2006

Natural Sciences and Engineering Research Council of Canada

Conseil de recherches en sciences naturelles et en génie du Canada

APPENDIX A
Personal Data
(Form 100)

Complete this appendix (i) if you are an applicant or co-applicant applying for the first time; (ii) if you need to update information submitted with a previous application; or (iii) if you do not hold an appointment at a Canadian postsecondary institution. For updates, include only the revised information in addition to the date, your name and your PIN.

This information will be used by NSERC primarily to contact applicants and award holders. It may also be used to identify prospective reviewers and committee members, and to generate statistics. It will not be seen or used in the adjudication process.

Date
2013/06/14

Family name	Given name	Initial(s) of all given names	Personal identification no. (PIN)
Reilly	Derek	DF	**Valid** 296047

Position and complete mailing address if your primary place of employment is not a Canadian postsecondary institution or if your current mailing address is temporary	If address is temporary, indicate:
6050 University Ave. Halifax NS B3H4R2 CANADA	Starting date Leaving date

Telephone number	Facsimile number	E-mail address
1 (902) 4944057	(902) 4921517	reilly@cs.dal.ca

Telephone number (alternate)	Give an alternate telephone number only if you can be reached at that number during business hours.	Gender (completion optional)
1 (902) 2408220		X Male Female

LANGUAGE CAPABILITY

English	Read	X	Write	X	Speak	X
French	Read	X	Write		Speak	X

I wish to receive my correspondence: in English X   in French

AREA(S) OF EXPERTISE

Provide a maximum of 10 key words that describe your area(s) of expertise. Use commas to separate them. If you have expertise with particular instruments and techniques, specify which one(s).	Research subject code(s)
Human Computer Interaction, Computer-Supported Cooperative Work, Ubiquitous Computing, Information Visualization, Spatial Cognition, Human Subject Experiments, Systems Design	Primary 2710 Secondary 2716

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**SEND ONE
ORIGINAL ONLY
DO NOT
PHOTOCOPY**

APPENDIX B (Form 100)
Eligibility Questionnaire for University Faculty

Complete this appendix if you are an applicant or co-applicant holding a position at a Canadian university that is not a tenured, tenure-track or life-time professor emeritus position at the time of application. **The information you provide must be for the position you will hold at the time the grant is awarded.** If you are not currently in that position, you must have a written firm offer. You may append any relevant information. See the eligibility criteria in the *Program Guide.*

The information will be used by NSERC staff to determine your eligibility to hold an NSERC grant. It will not be seen or used in the adjudication process.

Date
2013/06/14

Family name	Given name	Initial(s) of all given names	Personal identification no. (PIN)
Reilly	Derek	DF	**Valid** 296047

Title of position at Canadian university

Assistant Professor

Is this an academic appointment?

[X] Yes   [ ] No

If you currently have a firm written offer of a tenured or tenure-track position, but have not taken up the position at the time of application, specify the expected start date of the appointment. The offer must meet the requirements stated in the NSERC *Program Guide*

Expected start date of the appointment (yyyy/mm)

If you currently hold, or have a firm offer of, a non-tenured or non-tenure-track position, complete the following information. The offer must meet the requirements stated in the NSERC *Program Guide,* under eligibility.

Is this a position of a limited duration?

[X] Yes   [ ] No

If yes, specify the period of the appointment (yyyy/mm)

From   2011 /10   To   2014 /9

If you answered no, explain the terms of your appointment.

If your position offer is not yet confirmed by the university, provide an explanation

CERTIFICATION AND SIGNATURES

We attest that during tenure of the grant:

- the position will require the applicant to engage in research that is not under the direction of another individual, and authorize the applicant to supervise or co-supervise students registered in an undergraduate or graduate degree program or postdoctoral;

- if the applicant lives abroad or holds a position of any kind outside of Canada, he/she must spend a minimum of six months per year at an eligible Canadian institution;

- the applicant's salary will not be paid out of NSERC (or other federal granting council) grant funds and the applicant will not hold a federal granting council fellowship or scholarship (for exceptions, see eligibility in the NSERC *Program Guide);*

- the applicant will not be enrolled in a graduate program in the natural sciences or engineering.

_____
Applicant

_____
Head of department

_____
President of university
(or representative)

Canada

Natural Sciences and Engineering
Research Council of Canada

Conseil de recherches en sciences
naturelles et en génie du Canada

APPENDIX C (Form 100)
Description of Applicant's Activities

This information is collected to provide peer reviewers with additional information on your activities at the
postsecondary institution and/or your main place of employment. Complete this appendix if:
i) you hold a part-time academic appointment at a Canadian postsecondary institution.
    This would include applicants or co-applicants holding an adjunct professor position, professor
    emeritus or part-time position, **or**
ii) you hold an academic appointment at a Canadian postsecondary institution which is not a tenured or
    tenure-track appointment.

Date
2013/06/14

Family name	Given name	Initial(s) of all given names	Personal identification no. (PIN)
Reilly	Derek	DF	**Valid** 296047

DESCRIPTION OF ACTIVITIES AT CANADIAN POSTSECONDARY INSTITUTION

Outline the nature of your 1) research, 2) teaching, 3) training, 4) administrative and 5) other activities. Each of these aspects must be
addressed. Indicate the time typically spent on location at the postsecondary institution on each of these activities (e.g., 1 day every
week, 2 weeks every 4 months).

I hold a limited-term (3 year) Assistant Professor position in the Faculty of Computer Science at
Dalhousie University. Responsibilities are identical to those of a tenure-stream Assistant Professor.
The faculty has hired three limited-term Assistant Professors over the past two years due to a hiring
freeze on tenure-stream faculty. I teach at the graduate and undergraduate level on topics relating to
Human Computer Interaction and Software Engineering. My current research includes collaborations
with faculty at OCAD University and University of Toronto, and I work with other faculty at
Dalhousie on a project in the area of Mobile Visual Analytics funded by Boeing.

DESCRIPTION OF ACTIVITIES AT PLACE OF EMPLOYMENT OTHER THAN CANADIAN POSTSECONDARY INSTITUTION (if applicable)

Place of employment other than Canadian postsecondary institution, including self-employment	I do not hold a position outside a Canadian postsecondary institution	X

Outline the nature of your research program and other activities at your other place of employment. Also describe the relationship
between your research program at this organization and the proposed research. Refer to the institution's involvement in research
and development, if possible.

PROTECTED WHEN COMPLETED

Version française disponible

Canada

Appendix D (Form 100)
Consent to Provide Limited Personal Information About
Highly Qualified Personnel (HQP) to NSERC

NSERC applicants are required to describe their contributions to the training or supervision of highly qualified personnel (HQP) by providing certain details about the individuals they have trained or supervised during the six years prior to their current application. HQP information must be entered on the Personal Data Form (Form 100). This information includes the trainee's name, type of HQP training (e.g., undergraduate, master's, technical etc.) and status (completed, in-progress, incomplete), years supervised or co-supervised, title of the project or thesis, and the individual's present position.

Based on the federal *Privacy Act* rules governing the collection of personal information, applicants are asked to obtain consent from the individuals they have supervised before providing personal data about them to NSERC. In seeking this consent, the NSERC applicant must inform these individuals what data will be supplied, and assure them that it will only be used by NSERC for the purpose of assessing the applicant's contribution to HQP training. To reduce seeking consent for multiple applications, applicants will only need to seek consent one time for a six-year period. If the trainee provides consent by e-mail, the response must include confirmation that they have read and agree to the text of the consent form.

When consent cannot be obtained, applicants are asked to not provide names, or other combinations of data, that would identify those supervised. However, they may still provide the type of HQP training and status, years supervised or co-supervised, a general description of the project or thesis, and a general indication of the individual's present position if known.

An example of entering HQP information on Form 100 (with and without consent):

Name	Type of HQP Training and Status	Years Supervised or Co-supervised	Title of Project or Thesis	Present Position
Consent Received from Marie Roy				
Roy, Marie	Undergraduate (Completed)	Supervised 1994 - 1997	Isotope geochemistry in petroleum engineering	V-P (Research), Earth Analytics Inc., Calgary, Alberta
Consent Not Obtained from Marie Roy				
(name withheld)	Undergraduate (Completed)	Supervised 1994 - 1997	Isotope geochemistry	research executive in petroleum industry - western Canada

Consent Form

Name of Trainee

Applicant Information

Name   Reilly, Derek DF

Department	Postsecondary Institution
Computer Science, Faculty of	Dalhousie

I hereby allow the above-named applicant to include limited personal data about me in grant applications submitted for consideration to NSERC for the next six years. This limited data will only include my name, type of HQP training and status, years supervised or co-supervised, title of the project or thesis and, to the best of the applicant's knowledge, my position title and company or organization at the time the application is submitted. I understand that NSERC will protect this data in accordance with the *Privacy Act*, and that it will only be used in processes that assess the applicant's contributions to the training of highly qualified personnel (HQP), including confidential peer review.

_____   _____
Trainee's signature   Date

Note: This form must be retained by the applicant and made available to NSERC upon request.