

# CARMAN NEUSTAEDTER, PHD

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## Background

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I completed my PhD in Computer Science at the University of Calgary in 2007 with a specialization in Human-Computer Interaction (HCI). While many computer science departments focus on highly technical aspects of technology development, I was the first graduate student within the department to study and research socio-technical design challenges associated with the creation and usage of domestic technologies utilizing ethnographic-based research methods. Thus, even though I have computer science degrees, my work has always had a heavy element of the social sciences and humanities, in addition to computer science and interaction design. Following graduate school, I worked at Kodak Research Labs as an industrial HCI and interaction design researcher from 2007 to 2010 and joined SFU as an Assistant Professor in 2010. I received early tenure and promotion to Associate Professor in 2015, and was promoted to Full Professor in 2019, after only being a faculty member at SFU for nine years. This was in recognition of my very strong scholarly output and excellence in research, teaching, and service.

## Education

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2003 - 2007	<b>PhD Computer Science</b> , University of Calgary, Canada <i>Specialization:</i> Human-Computer Interaction <i>Thesis Topic:</i> Domestic Awareness and the Role of Family Calendars <i>Supervisor:</i> Dr. Saul Greenberg
2001 - 2003	<b>MSc Computer Science</b> , University of Calgary, Canada <i>Specialization:</i> Human-Computer Interaction <i>Thesis Topic:</i> Privacy in Home Video Conferencing <i>Supervisor:</i> Dr. Saul Greenberg
1997 - 2001	<b>BSc Computer Science</b> , University of Calgary, Canada

## Job Experience

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2019 - Present	<b>Full Professor with tenure</b>	School of Interactive Arts and Technology, SFU
2018 - Present	<b>School Director / Department Head</b>	School of Interactive Arts and Technology, SFU
2015 - 2019	<b>Associate Professor with tenure</b>	School of Interactive Arts and Technology, SFU
Nov 2016	<b>Visiting Researcher</b>	Microsoft Research Cambridge, UK
2010 - 2015	<b>Assistant Professor</b>	School of Interactive Arts and Technology, SFU
2008 - 2010	<b>Adjunct Professor</b>	Dept. of Computer Science, University of Rochester
2007 - 2010	<b>Research Scientist</b>	Kodak Research Labs, Rochester, NY
2005 - 2006	<b>Research Contractor</b>	Microsoft Research, Redmond, WA
2005	<b>Research Intern</b>	Microsoft Research, Redmond, WA
2004	<b>Research Intern</b>	Microsoft Research, Redmond, WA
2003	<b>Research Intern</b>	Microsoft Research, Redmond, WA
2002	<b>Research Intern</b>	Microsoft Research, Redmond, WA

## Administration and Service

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I am presently in my second year of a three-year term as the Director of SIAT. This means that I chair the department and am responsible for running the school, with the support of extremely valuable staff members, committee chairs, and committees. I chair the school's Tenure and Promotion Committee, the Director's Advisory Committee, and all departmental faculty search committees. I sit on all school standing committees, including the Undergraduate Curriculum, Graduate Program, Infrastructure, and Communications Committees. I am a member of several university-level committees, including the SFU Equity, Diversity and Inclusion (EDI) Advisory Council, the Big Data Academic Advisory Committee, and the SFU Video Conferencing Standardization Steering Committee. As Director of SIAT, I am responsible for administering the collective agreements for faculty members and staff within SIAT. This amounts to working primarily with two collective agreements and two different unions (SFUFA and TSSU). As part of this work, I deal with grievances and arbitration cases, including planning and meeting with faculty members and staff to learn about their concerns and trying to find a mutually agreeable path forward. I oversee the strategic planning of SIAT through consultations and discussions within school meetings and standing committee meetings.

**University Level Institutional Service**

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2020	<b>SFU School of Computing Science, External Review Committee</b> , Internal Member
2019 – Present	<b>Big Data Academic Advisory Committee (BDAAC)</b> , Member
2019 – Present	<b>SFU Equity, Diversity and Inclusion (EDI) Advisory Council</b> , Member
2019 – Present	<b>SFU Video Conferencing Standardization Steering Committee</b> , Member
2019 – Present	<b>SFU Video Conferencing Standardization</b> , Project Team Member
2019	<b>SFU School of Communication, External Review Committee</b> , Internal Member
2018	<b>SSHRC Doctoral Awards Review Committee</b> , FCAT Representative
2017 – 2018	<b>SFU Research Ethics Board</b> , FCAT Representative
2014 – 2018	<b>Interaction Design Research Centre</b> , Steering Committee
2018	<b>SFU Undergraduate Major Entrance Awards</b> , Adjudication Committee
2015 – 2016	<b>SFU Research Ethics Board</b> , FCAT Representative
2014	<b>SFU Surrey Terry Fox Run</b> , Organizing committee
2013	<b>SFU Surrey Terry Fox Run</b> , Organizing committee
2012	<b>SFU Surrey Terry Fox Run</b> , Organizing committee

**Faculty Level Institutional Service**

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2019	<b>Hiring Committee</b> (FCAT Graduate Student Advisor)
2019	<b>Hiring Committee</b> (FCAT Communications Associate)
2019	<b>Hiring Committee</b> (FCAT Research Grants Facilitator)
2018	<b>Hiring Committee</b> (FCAT Research Grants Facilitator)
2018	<b>Hiring Committee</b> (FCAT Director of Student Affairs)
2017	<b>Hiring Committee</b> (FCAT Student Advisor)
2013 - 2014	<b>FCAT Undergraduate Conference 2014</b> , Organizer
2013 - 2014	<b>FCAT Creative Entrepreneurship Certificate Task Force</b>
2013 - 2014	<b>FCAT-BCIT Joint Task Force for a Bachelor of Social Technology Degree</b>
2012 - 2013	<b>FCAT Undergraduate Conference 2013</b> , Organizer

**SIAT Level Institutional Service**

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2019 – Present	<b>Search Committee</b> (Indigenous Interactive Media position), Chair
2018 – Present	<b>Undergraduate Curriculum Committee</b>
2018 – Present	<b>Graduate Program Curriculum Committee</b>
2018 – Present	<b>Communications Committee</b>
2018 – Present	<b>Infrastructure Committee</b>
2018 – Present	<b>Tenure and Promotion Committee</b> , Chair
2018	<b>Comprehensive Exams Chair</b> , prOphecy Sun
2018 – 2019	<b>Search Committee</b> (Interactive Media position), Chair
2017 – 2018	<b>Search Committee</b> (Interactive Media position)
2017 – 2018	<b>Undergraduate Curriculum Committee</b> , Chair
2015 – 2016	<b>Search Committee</b> (Design position)
2015 – 2016	<b>Communications Committee</b> , Chair
2015 – 2016	<b>Tenure &amp; Promotion Committee</b>
2015	<b>Comprehensive Exams Chair</b> , Shahrzad Aghasharifianesfahni
2015	<b>Comprehensive Exams Chair</b> , Aynur Kadir
2014 - 2015	<b>Undergraduate Curriculum Committee</b>
2014	<b>Graduate Admissions Committee</b>
2014	<b>Defense Chair</b> , Benjamin Bogart (PhD)
2014	<b>Hiring Committee</b> (Administrative Coordinator)
2012 - 2014	<b>SIAT Ambassador to FCAT for Undergraduate Conference</b>
2013	<b>Defense Chair</b> , Mozghan Akhgari (MSc)
2012 - 2014	<b>Graduate Program Committee</b>
2012 - 2013	<b>Tenure &amp; Promotion Committee</b>
2012 - 2013	<b>Graduate Admissions Committee</b>
2013	<b>Defense Chair</b> , Anna Macaranas (MSc)
2012	<b>Defense Chair</b> , Audrey Desjardins (MA)
2012	<b>Comprehensive Exams Chair</b> , Pattarwat Subyen (PhD)
2012	<b>Defense Chair</b> , Yin Wu (MA)
2010 - 2012	<b>Design Stream Co-Lead, Curriculum Review Group</b>
2010 - 2012	<b>Curriculum Review Group</b>
2010 - 2012	<b>Infrastructure Committee</b>

**Academic Service: External Reviews**

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2019	<b>External Review for Tenure and Promotion case</b> , anonymous candidate
2019	<b>External Review for Tenure and Promotion case</b> , anonymous candidate
2019	<b>External Review for Tenure and Promotion case</b> , anonymous candidate
2015	<b>Pratt Institute</b> , Master of Science program in Information Experience Design

**Academic Service: Editorial Committees**

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2019 – Present	<b>Associate Editor</b> , Frontiers in Human Dynamics, Digital Impacts
2018 – Present	<b>Associate Editor</b> , Journal of Human-Computer Interaction
2016 – Present	<b>Associate Editor</b> , Transactions on Computer-Human Interaction
2012 – Present	<b>Editorial Advisory Board</b> , Journal of Computer Supported Cooperative Work

**Academic Service: Conference Committees**

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2020	<b>Virtual Program Committee Meeting Chair</b> , ACM Conference on Designing Interactive Systems (DIS)
2019	<b>Telepresence Co-Chair</b> , ACM Conference on Computer-Human Interaction (CHI)
2019	<b>Technical Program Co-Chair</b> , ACM Conference on Designing Interactive Systems (DIS)
2018	<b>Telepresence Co-Chair</b> , ACM Conference on Computer-Supported Cooperative Work (CSCW)
2018	<b>Telepresence Co-Chair</b> , ACM Conference on Computer-Human Interaction (CHI)
2017	<b>Doctoral Consortium</b> , ACM Conference on Computer-Human Interaction (CHI)
2017	<b>Telepresence Co-Chair</b> , ACM Conference on Computer-Human Interaction (CHI)
2016	<b>Telepresence Co-Chair</b> , ACM Conference on Computer-Human Interaction (CHI)
2016	<b>Telepresence Co-Chair</b> , ACM Conference on Computer-Supported Cooperative Work (CSCW)
2015	<b>Local Arrangements Co-Chair</b> , ACM Conference on Computer-Supported Cooperative Work (CSCW)
2014	<b>Telepresence Co-Chair</b> , Conference on Ubiquitous and Pervasive Computing (Ubicomp)
2014	<b>Technical Program Co-Chair</b> , ACM Conference on Designing Interactive Systems (DIS)
2013	<b>Video Program Co-Chair</b> , ACM Conference on Computer-Supported Cooperative Work (CSCW)

**Academic Service: Conference Program Committees**

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2018	<b>ACM Conference on Computer-Human Interaction (CHI), Video Showcase</b>
2018	<b>Graphics Interface Conference (GI)</b>
2018	<b>ACM Conference on Computer-Human Interaction (CHI)</b>
2017	<b>ACM Conference on Computer-Human Interaction (CHI), Doctoral Consortium</b>
2016	<b>ACM Conference on Computer-Human Interaction (CHI)</b>
2015	<b>AARHUS, Decennial Conference</b>
2014	<b>ACM Conference on Computer-Human Interaction (CHI)</b>
2014	<b>ACM Conference on Computer-Human Interaction (CHI), Student Design Competition Judge</b>
2013	<b>Graphics Interface Conference (GI)</b>
2013	<b>ACM Conference on Computer-Supported Cooperative Work (CSCW)</b>
2012	<b>ACM Conference on Group Work (GROUP)</b>
2012	<b>Graphics Interface Conference (GI)</b>
2009 - 2012	<b>ACM Conference on Computer-Human Interaction (CHI)</b>
2008, 2010	<b>ACM Conference on Designing Interactive Systems (DIS)</b>

**Academic Service: Journal Review Committees**

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2018	<b>Journal of Behavior and Information Technology</b>
2017	<b>International Journal of Child-Computer Interaction</b>
2017	<b>Journal of Human-Computer Interaction</b>
2017	<b>International Journal of Human-Computer Studies (IJHCS)</b>
2016	<b>Transactions on Computer Human Interaction (ToCHI)</b>
2016	<b>Interacting with Computers</b>
2016	<b>Design Collection</b>
2015	<b>Journal of American Medical Informatics</b>
2015	<b>Journal of Computer Supported Cooperative Work</b>
2015	<b>Interacting with Computers</b>
2015	<b>International Journal of Child-Computer Interaction</b>
2014	<b>Computer Graphics &amp; Applications</b>
2014	<b>Journal of Computer Supported Cooperative Work</b>
2014	<b>Journal of Computers in Human Behavior</b>

2014	<b>IEEE Pervasive Computing</b>
2012	<b>Journal of Computer Supported Cooperative Work</b>
2012	<b>International Journal for Human Computer-Studies</b>
2011	<b>Communications of the ACM</b>
2011	<b>HCI Journal, Special Issue on Designing for Personal Memories</b>
2009	<b>Pervasive and Mobile Computing Journal</b>
2007	<b>ACM Journal of Transactions on Information Systems</b>
2004-2005	<b>ACM Journal of Transactions on Computer-Human Interaction</b>
2005	<b>Journal of HCI, Special Issue on Awareness Systems</b>
2004-2005	<b>Journal of Computer Supported Cooperative Work</b>

**Academic Service: Conference Review Committees**

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2019	<b>ACM Conference on Computer-Human Interaction (CHI)</b>
2018	<b>10<sup>th</sup> NordiCHI Conference</b>
2018	<b>ACM Conference on Computer-Human Interaction (CHI), Late Breaking Work</b>
2018	<b>ACM Conference on Designing Interactive Systems (DIS)</b>
2017	<b>ACM Conference on User Interfaces, Software, &amp; Technology (UIST)</b>
2017	<b>ACM Conference on Tangible, Embedded, and Embodied Interaction (TEI)</b>
2016	<b>ACM Conference on Designing Interactive Systems (DIS)</b>
2016	<b>IEEE Conference on Information Visualization (InfoVis)</b>
2016	<b>ACM Conference on Tangible, Embedded and Embodied Interaction</b>
2015	<b>ACM Symposium on Spatial User Interaction (SUI)</b>
2015	<b>ACM Conference on Play in Computer-Human Interaction (CHI Play)</b>
2015	<b>ACM Conference on Computer-Supported Cooperative Work (CSCW)</b>
2015	<b>ACM Conference on Computer-Supported Cooperative Work (CSCW), Posters</b>
2015	<b>ACM Conference on Computer-Human Interaction, Video Showcase</b>
2015	<b>ACM Conference on Computer-Human Interaction</b>
2014	<b>ACM Conference on Mobile Computing (MobileHCI)</b>
2014	<b>ACM Conference on Tangible, Embedded and Embodied Interaction</b>
2004-2014	<b>ACM Conference on Computer Supported Cooperative Work</b>
2013	<b>Conference on Gamification</b>
2013	<b>Conference on Ubiquitous and Pervasive Computing (Ubicomp)</b>
2013	<b>Conference on Mobile Computing (MobileHCI)</b>
2013	<b>Conference on Creativity and Cognition</b>
2012	<b>International Conference on Human Computer Interaction with Mobile Devices &amp; Services</b>
2012	<b>ACM Conference on User Interfaces, Software, &amp; Technology (UIST)</b>
2004-2012	<b>International Conference on Ubiquitous Computing</b>
2011	<b>ACM Conference on Tangible, Embedded and Embodied Interaction</b>
2010	<b>International Conference on Intelligent User Interfaces</b>
2004-2008	<b>ACM Conference on Computer-Human Interaction</b>
2007	<b>International Conference on Pervasive Computing</b>
2005	<b>IEEE Workshop on Horizontal Interactive Human-Computer Systems</b>
2005	<b>International Conference on Pervasive Computing</b>
2005	<b>ACM Symposium on User Interface Software &amp; Technology (UIST)</b>

**Academic Service: Grant Review Committees**

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2018	<b>NSERC Collaborative Research and Development (CRD), External Reviewer</b>
2017	<b>Canadian Foundation for Innovation (CFI), External Reviewer</b>
2017	<b>NSERC Discovery Grants, External Reviewer</b>
2016	<b>NSERC Steacie Memorial Fellowship, External Reviewer</b>
2015	<b>NSERC Discovery Grants, External Reviewer</b>
2015	<b>MITACS Accelerate Grants, External Reviewer</b>
2014	<b>Research Foundation Flanders, External Reviewer</b>

**Selected Training Programs**

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2019	<b>Indigenous Cultural Safety, Provincial Health Services Authority of BC</b>
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## Teaching

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I have always been a strong proponent of students, learning, and teaching. I receive strong praise from my graduate students for my passion and dedication to them and their work. I have always received strong teaching evaluations at the undergraduate and graduate program levels where students applaud my dedication to them and their learning.

When I first started teaching at SIAT, I used a fairly traditional lecture-style classroom where I would present materials to students using PowerPoint slides. In studio labs, students would discuss course readings, the course topics, and assignments and present portions of their work for critique and further discussion. This was effective, yet I felt there was much more potential to have high impact and involvement with students to increase their learning. As a result, I have studied, learned, and incorporated alternate teaching pedagogy into my instructional practices over the years that I feel better meet the needs of students in a largely hands-on and applied university program like SIAT's. This includes the use of just-in-time teaching, gamification, and a flipped classroom in various combinations across the undergraduate courses I teach.

I have a highly active research lab of graduate students, including Master's and PhD students. I train my MSc and PhD students to independently pursue a research topic, collaborate with others as needed, and draw on research methods from a variety of disciplines, including computer science, interaction design, social psychology, sociology, and cultural anthropology. I make myself available to my students nearly 24/7 via Slack and email and meet with them frequently in-person. PhD students work to help mentor Master's students, and Master's students work to help mentor undergraduate researchers in the lab. I train my students to deliver a strong work ethic throughout their course work, research, and theses. Graduate students work on a research topic either within or highly related to my core research. They are also actively encouraged and funded to attend conferences, workshops, and meetings with others nationally and internationally to discuss and present their work. I push my graduate students hard to publish their research in top tier conferences and, to date, they have been highly successful in doing so. All of my graduate students have been very successful at publishing at ACM CHI and other top tier conferences; completed MSc students have typically published between 5 and 10 papers, and PhD students between 15 and 30 papers. My graduate students are in high demand in design and development jobs and internships.

### Teaching at Simon Fraser University

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#### Course Content Creation

Spring 2020	<b>IAT 884: Domestic Technology Design</b>	New special topics course
Fall 2019	<b>IAT 432: Design Evaluation</b>	New course content
Fall 2017	<b>IAT 804: Foundations of Research Design</b>	New course content creation with Alissa Antle
Spring 2016	<b>IAT 499: Graduation Project</b>	New course content creation with Alissa Antle, Chantal Gibson and Andrew Hawryshkewich
Spring 2013	<b>IAT 812: Cognition, Learning, Collaboration</b>	New course content
Spring 2012	<b>IAT 339: Web Design and Development</b>	New course proposal with Andres Wanner
Spring 2012	<b>IAT 887: Domestic &amp; Social Computing</b>	New special topics course
Fall 2010	<b>IAT 431: Speculative Design</b>	New course content

#### Regular Courses

Spring 2020	<b>IAT 884: Domestic Technology Design</b>	3 hours: lecture	7 students
Fall 2019	<b>IAT 432: Design Evaluation</b>	3 hours: lecture + studio lab	47 students
Spring 2019	<b>IAT 499: Graduation Project</b>	3 hours: studio class	12 students
Fall 2017	<b>IAT 432: Design Evaluation</b>	3 hours: lecture + studio lab	48 students
Fall 2017	<b>IAT 804: Foundations of Research Design</b>	3 hours: lecture	30 students
Spring 2016	<b>IAT 812: Cognition, Learning, Collaboration</b>	3 hours: lecture	14 students
Spring 2016	<b>IAT 432: Design Evaluation</b>	3 hours: lecture + studio lab	37 students
Fall 2015	<b>IAT 431: Speculative Design</b>	3 hours: lecture + studio lab	40 students
Spring 2015	<b>IAT 431: Speculative Design</b>	3 hours: lecture + studio lab	38 students
Spring 2015	<b>IAT 812: Cognition, Learning, Collaboration</b>	3 hours: lecture	15 students
Fall 2014	<b>IAT 431: Speculative Design</b>	3 hours: lecture + studio lab	40 students
Spring 2014	<b>IAT 812: Cognition, Learning, Collaboration</b>	3 hours: lecture	15 students
Fall 2013	<b>IAT 431: Speculative Design</b>	3 hours: lecture + studio lab	48 students
Fall 2013	<b>IAT 432: Design Evaluation</b>	3 hours: lecture + studio lab	48 students
Spring 2013	<b>IAT 431: Speculative Design</b>	3 hours: lecture + studio lab	74 students

Spring 2013	<b>IAT 812: Cognition, Learning, Collaboration</b>	3 hours: lecture	14 students
Fall 2012	<b>IAT 431: Speculative Design</b>	3 hours: lecture + studio lab	74 students
Fall 2012	<b>IAT 432: Design Evaluation</b>	3 hours: lecture + studio lab	48 students
Spring 2012	<b>IAT 887: Domestic &amp; Social Computing</b>	3 hours: lecture	8 students
Spring 2012	<b>IAT 431: Speculative Design</b>	3 hours: lecture + studio lab	69 students
Spring 2011	<b>IAT 431: Speculative Design</b>	3 hours: lecture + studio lab	74 students
Fall 2010	<b>IAT 333: Design Practice and Methods</b>	3 hours: lecture + studio lab	68 students
Fall 2010	<b>IAT 431: Speculative Design</b>	3 hours: lecture + studio lab	67 students

**Other Teaching Activities**

Spring 2020	<b>IAT 499: Graduation Project</b> , course mentor	6 course credits	2 students
Spring 2019	<b>IAT 386: Directed Studies</b>	1 course credit	1 student
Fall 2017	<b>IAT 386: Directed Studies</b>	1 course credit	1 student
Spring 2016	<b>IAT 486: Directed Studies</b>	3 course credits	2 students
Fall 2015	<b>IAT 486: Directed Studies</b>	3 course credits	1 student
Spring 2015	<b>IAT 486: Directed Studies</b>	3 course credits	1 student
Fall 2014	<b>IAT 486: Directed Studies</b>	3 course credits	3 students
Spring 2014	<b>IAT 486: Directed Studies</b>	3 course credits	3 students
Summer 2013	<b>IAT 486: Directed Studies</b>	3 course credits	8 students
Summer 2013	<b>IAT 486: Directed Studies</b>	1 course credit	4 students
Spring 2013	<b>IAT 403: Research Capstone</b>	3 course credits	6 students
Spring 2013	<b>IAT 486: Directed Studies</b>	3 course credits	2 students
Fall 2012	<b>IAT 403: Research Capstone</b>	3 course credits	6 students
Fall 2012	<b>IAT 486: Directed Studies</b>	3 course credits	1 student
Spring 2012	<b>IAT 405: Research Capstone</b>	3 course credits	3 students
Fall 2011	<b>IAT 403: Research Capstone</b>	3 course credits	3 students
Summer 2011	<b>IAT 491: Honors Project</b>	6 course credits	1 students
Spring 2011	<b>IAT 491: Honors Project</b>	6 course credits	1 student
Spring 2011	<b>IAT 490: Honors Project Proposal</b>	6 course credits	1 student
Fall 2010	<b>IAT 490: Honors Project Proposal</b>	6 course credits	1 student

**Teaching at the University of Rochester, Department of Computer Science**

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**Course Content Creation**

Fall 2008	<b>CS 290B: Human-Computer Interaction</b>	Creation of new course
Fall 2008	<b>CS 576: Human-Computer Interaction</b>	Creation of new course

**Regular Courses**

Fall 2009	<b>CS 290B: Human-Computer Interaction</b>	2.5 hours: lecture	12 students
Fall 2008	<b>CS 290B: Human-Computer Interaction</b>	2.5 hours: lecture	14 students
Fall 2008	<b>CS 576: Human-Computer Interaction</b>	2.5 hours: lecture	1 student

**Other Teaching Activities**

Spring 2009	<b>CS 391: HCI Interactive Storytelling</b>	Directed Studies	2 students
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**Teaching Assistant at the University of Calgary, Department of Computer Science**

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2002 – 2004	<b>CPSC 481: Human-Computer Interaction</b>	2 hour lab	24 students
2002	<b>CPSC 441: Computer Communications</b>	2 hour lab	24 students
2001	<b>CPSC 333: Software Engineering</b>	2 hour lab	24 students
2000	<b>CPSC 331: Information Structures</b> 2 hour lab		24 students
1999 - 2000	<b>CPSC 203: Introduction to Computers</b>	2 hour lab	24 students

**Teaching at the University of Calgary, Faculty of Continuing Education**

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**Course Content Creation**

2001	<b>Java Programming</b>	Creation of new course
2001	<b>C and C++ Programming</b>	Creation of new course
2001	<b>Web Page Design</b>	Creation of new course

2000	<b>Advanced Quick Basic Programming</b>	Creation of new course
2000	<b>Introduction to Quick Basic Programming</b>	Creation of new course
1999	<b>Visual Basic Programming</b>	Creation of new course

**Regular Courses**

2001	<b>Java Programming</b>	15 hours of instruction	20 students
2001	<b>C and C++ Programming</b>	15 hours of instruction	20 students
2001	<b>Web Page Design</b>	15 hours of instruction	20 students
2001	<b>Introduction to Visual Basic Programming</b>	15 hours of instruction	20 students
2001	<b>Advanced Visual Basic Programming</b>	15 hours of instruction	20 students
2000	<b>Visual Basic Programming</b> 1	5 hours of instruction	20 students
2000	<b>Advanced Quick Basic Programming</b>	15 hours of instruction	20 students
2000	<b>Introduction to Quick Basic Programming</b>	15 hours of instruction	20 students
1999	<b>Visual Basic Programming</b>	15 hours of instruction	20 students

**Graduate Student Supervision – Senior Supervisor**

Start	Finish	Name	Degree	Project / Thesis Title
2018-3	Active	<b>Dongqi Han</b>	PhD	Video Conferencing Doctor Appointments
2017-1	Active	<b>Punyashlok Dash</b>	PhD	Video Calling for 9-1-1 Emergency Calls
2016-3	Active	<b>Lillian Yang</b>	PhD	Telepresence Robots for Long Distance Couples
2015-3	Active	<b>Yasamin Heshmat</b>	PhD	Asynchronous Moment Sharing for Family Members
2017-1	2019-3	<b>Nafiz Khan</b>	MSc	Drones for Emergency Situations
2011-3	2019-1	<b>Azadeh Forghani</b>	PhD	Grandparent / Grandchild Communication Over Distance
2013-3	2018-3	<b>Carolyn Pang</b>	PhD	Connecting Urban Commuters and Communities
2015-3	2017-2	<b>Rui Pan</b>	MSc	First Person View Sharing for Long Distance Couples
2015-3	2017-2	<b>Samarth Singhal</b>	MSc	Remote Touch over Distance for Long Distance Couples
2015-3	2017-1	<b>Stephanie Wong</b>	MSc	Collaboration and Awareness Amongst Flight Attendants
2013-3	2015-2	<b>Jason Procyk</b>	MSc	Video Feedback for Amateur Hockey Coaching
2011-3	2015-2	<b>Erick Oduor</b>	PhD	Family Communication in Developing Countries
2012-3	2015-1	<b>Daniel Hawkins</b>	MSc	Time-Delayed Media Sharing Amongst Family and Friends
2010-3	2014-1	<b>Serena Hillman</b>	PhD	Social Issues and Behaviours of Ubi-Commerce Users
2011-3	2013-1	<b>Carolyn Pang</b>	MSc	Technology for Families Coping with a Chronic Illness

**Graduate Student Supervision – Co-Supervisor**

Start	Finish	Name	Degree	Project / Thesis Title
2010-3	2016-3	<b>Victoria Moulder</b>	PhD	Transcoding Place through Digital Media

**External Supervision**

2017 - Present	<b>Brennan Jones</b>	PhD	Co-Supervisor, University of Calgary
2009 – 2011	<b>Tejinder Judge</b>	PhD	Supervisory Committee, Virginia Tech
2010	<b>Tejinder Judge</b>	PhD	Intern, Kodak Research Labs
2009	<b>Tejinder Judge</b>	PhD	Intern, Kodak Research Labs
2008	<b>Sara Giroto</b>	PhD	Intern, Kodak Research Lab

**Selected Graduate Student Awards as Senior Supervisor**

2017 - 2021	<b>Dongqi Han</b>	China Scholarship Council (\$19,200 per year for four years)
2020	<b>Yasamin Heshmat</b>	SIAT Graduate Fellowship (\$6500)
2019	<b>Yasamin Heshmat</b>	SFU President's PhD Scholarship (\$6500)
2019	<b>Yasamin Heshmat</b>	SIAT Graduate Fellowship (\$3250)
2018	<b>Yasamin Heshmat</b>	SIAT Graduate Fellowship (\$3250)
2020	<b>Lillian Yang</b>	SIAT Graduate Fellowship (\$6500)
2019	<b>Lillian Yang</b>	Backwater Industries/Eduard Jost Sr. & Jr. Graduate Scholarship (\$700)
2019	<b>Lillian Yang</b>	SIAT Graduate Fellowship (\$6500)
2018	<b>Lillian Yang</b>	SIAT Graduate Fellowship (\$3250)
2017	<b>Lillian Yang</b>	Ebco/Eppich Graduate Scholarship (\$1000)

2017	<b>Punyashlok Dash</b>	SIAT Graduate Fellowship (\$6500)
2017	<b>Nafiz Khan</b>	SIAT Graduate Fellowship (\$6500)
2017	<b>Rui Pan</b>	SIAT Graduate Fellowship (\$3250)
2015	<b>Rui Pan</b>	MITACS Globalink Graduate Fellowship (\$10,000)
2016	<b>Azadeh Forghani</b>	SIAT Graduate Fellowship (\$6250)
2018	<b>Carolyn Pang</b>	SIAT Graduate Fellowship (\$6500)
2018	<b>Carolyn Pang</b>	President's PhD Scholarship (\$6500)
2017	<b>Carolyn Pang</b>	SIAT Graduate Fellowship (\$6500)
2016	<b>Carolyn Pang</b>	Ebco/Eppich Graduate Scholarship (\$1000)
2015	<b>Carolyn Pang</b>	Ebco/Eppich Graduate Scholarship (\$700)
2015	<b>Carolyn Pang</b>	SFU Dean of Graduate Studies Fellowship (\$6250)
2015	<b>Carolyn Pang</b>	Ebco/Eppich Graduate Scholarship (\$700)
2014	<b>Carolyn Pang</b>	GRAND NCE Postgraduate Scholarship (\$10,000 per year for three years)
2014	<b>Carolyn Pang</b>	NSERC Alexander Graham Bell (PGS-D) (\$21,000 per year for three years)
2014	<b>Carolyn Pang</b>	Ebco/Eppich Graduate Scholarship (\$700)
2013	<b>Carolyn Pang</b>	Province of British Columbia Graduate Research Fellowship (\$15,000)
2013	<b>Carolyn Pang</b>	Special Graduation Entrance Scholarship (\$2000)
2013	<b>Carolyn Pang</b>	SFU Dean of Graduate Studies Fellowship (\$6250)
2013	<b>Carolyn Pang</b>	Anita Borg Memorial Scholarship, Google (\$5000)
2017	<b>Samarth Singhal</b>	SIAT Graduate Fellowship (\$6250)
2017	<b>Samarth Singhal</b>	Clark Wilson Graduate Scholarship (\$1400)
2015	<b>Samarth Singhal</b>	SIAT Graduate Fellowship (\$6250)
2015	<b>Jason Procyk</b>	Robar Industries Limited Graduate Scholarship
2014	<b>Jason Procyk</b>	Ebco/Eppich Graduate Scholarship (\$700)
2013	<b>Jason Procyk</b>	Province of British Columbia Graduate Research Fellowship (\$15,000)
2013	<b>Jason Procyk</b>	NSERC Alexander Graham Bell Scholarship (CGS-M) (\$21,000)
2013	<b>Jason Procyk</b>	SFU Provost Prize of Distinction (\$5000 per year for two years)
2015	<b>Erick Oduor</b>	SFU Dean of Graduate Studies Fellowship (\$6250)
2015	<b>Erick Oduor</b>	GRAND Vice President Fellowship (\$4000)
2014	<b>Erick Oduor</b>	SFU Graduate International Research Travel Award (\$6250)
2014	<b>Erick Oduor</b>	SFU President's PhD Scholarship (\$6250)
2013	<b>Erick Oduor</b>	SFU Dean of Graduate Studies Fellowship (\$3125)
2012	<b>Erick Oduor</b>	SFU Dean of Graduate Studies Fellowship (\$6250)
2011	<b>Erick Oduor</b>	SFU Dean of Graduate Studies Fellowship (\$6250)
2013	<b>Daniel Hawkins</b>	SFU VPR Graduate Student Research Award (\$7500)

**Graduate Student Internships as Supervisor**

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2019	<b>Lillian Yang</b>	Google, Mountain View, USA
2019	<b>Brennan Jones</b>	Microsoft Research Cambridge, UK
2016	<b>Rui Pan</b>	Amazon, Seattle, USA
2015	<b>Erick Oduor</b>	Siemens, New Jersey, USA
2015	<b>Azadeh Forghani</b>	Google, Mountain View, USA
2014	<b>Erick Oduor</b>	InfoSys, Bangalore, India
2014	<b>Azadeh Forghani</b>	Microsoft Research, Redmond, USA

**Graduate Student Committees**

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2020 – Present	<b>Ivan Aguilar</b>	PhD	(Riecke)
2019 – Present	<b>Ashu Adhikari</b>	MSc	(Riecke)
2018 – Present	<b>Supratim Chakraborty</b>	MSc	(Stuerzlinger)
2018 – Present	<b>Amy Chen</b>	PhD	(Odom)
2018 – Present	<b>Uddipana Baishya</b>	MSc	(Antle)
2015 – Present	<b>Bon Adriel Aseniero</b>	PhD	(Carpendale/Tang – University of Calgary)
2015 – Present	<b>Jillian Warren</b>	PhD	(Antle)



2012 – Present	<b>Nadya Calderon</b>	PhD	(Fisher)
2018 – 2019	<b>Ladan Fathi</b>	MSc	(Hatala)
2017 – 2019	<b>Xiaodong Wu</b>	MSc	(Bartram)
2015 – 2018	<b>Simone Hausknecht</b>	PhD	(Kaufman – SFU Education)
2013 – 2018	<b>Sabrina Hauser</b>	PhD	(Wakkary)
2016 – 2018	<b>Vinu Rajus</b>	PhD	(Woodbury)
2013 – 2018	<b>Emily Ip</b>	MA	(Schiphorst)
2013 – 2018	<b>Felwa Abukhodair</b>	PhD	(Shaw)
2016 – 2017	<b>Yuyao (Rainy) Wu</b>	MSc	(Stuerzlinger)
2010 – 2017	<b>JD Yim</b>	PhD	(Shaw)
2013 – 2017	<b>Min Fan</b>	PhD	(Antle)
2014 – 2017	<b>Maher Elkhaldi</b>	PhD	(Woodbury) - Withdrawn
2014 – 2016	<b>Karen Cochrane</b>	MA	(Schiphorst)
2013 – 2016	<b>Matthew Dalton</b>	MA	(Wakkary)
2013 – 2015	<b>Sun-Min Lee</b>	MA	(Schiphorst)
2013 – 2015	<b>Leila Aflatoony</b>	PhD	(Wakkary)
2013 – 2015	<b>Sara Salevati</b>	PhD	(DiPaola)
2013 – 2015	<b>Aaron May</b>	MSc	(Antle)
2013 – 2014	<b>Jillian Warren</b>	MA	(Antle)
2012 – 2015	<b>Claude Fortin</b>	PhD	(Hennessy)
2012 – 2014	<b>Maryam Maleki</b>	PhD	(Woodbury)
2011 – 2014	<b>Ying Deng</b>	MSc	(Antle)
2010 – 2013	<b>Xiao Zhang</b>	MA	(Wakkary)
2010 – 2012	<b>Evan Dickinson</b>	MSc	(Bartram)
2010 – 2012	<b>Leah Maestri</b>	MA	(Wakkary)

#### Undergraduate Student Supervision

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2020	<b>Carolyn Yip</b>	BA	IAT 499 Graduation Project - Faculty Mentor
2020	<b>Cora Fu</b>	BA	IAT 499 Graduation Project - Faculty Mentor
2019 – 2020	<b>Macguire Rintel</b>	BSc	Research Assistant
2019	<b>Carolyn Yip</b>	BA	Research Assistant
2019	<b>Kyle McCaffrey</b>	BSc	Research Assistant
2019	<b>Alireza Mogharrab</b>	BSc	Research Assistant
2019	<b>Zixuan Tan</b>	BSc	Research Assistant
2018	<b>Zikun Yang</b>	BSc	MITACS Intern
2017 - 2018	<b>Hanieh Shakeri</b>	BSc	FCAT Research Fellowship
2017	<b>Xiaoxuan (Anty) Xiong</b>	BSc	MITACS Intern
2016	<b>Hanieh Shakeri</b>	BSc	Research Assistant
2016	<b>Yee Loong Ooi</b>	BSc	Research Assistant
2016	<b>Jiazhao Qin</b>	BSc	MITACS Intern
2015	<b>Niala Moallem</b>	BSc	Research Assistant
2015	<b>Uddipana Baishya</b>	BSc	MITACS Intern
2015	<b>Cuong Vu Manh</b>	BSc	MITACS Intern
2015	<b>Maria Anezka Chua</b>	BA	Undergraduate Student Research Award (NSERC)
2014 - 2015	<b>Jordan Tseng</b>	BSc	Research Assistant
2014	<b>Rui Pan</b>	BSc	MITACS Intern
2014	<b>MaoYang Li</b>	BSc	MITACS Intern
2014	<b>Jordan Beja</b>	BSc	Research Assistant
2014	<b>Shilp Vaishnav</b>	BA	Research Assistant
2014	<b>Clarissa Ishak</b>	BA	FCAT Research Fellowship
2013 - 2014	<b>Trevor Komori</b>	BA	Research Assistant
2012 - 2013	<b>Jason Procyk</b>	BSc	Undergraduate Student Research Award (NSERC, SSHRC)
2012	<b>Jessica Coccimiglio</b>	BA	Undergraduate Student Research Award (SSHRC)
2012	<b>Cecilia Lam</b>	BA	Undergraduate Student Research Award (SSHRC)
2012	<b>Christine Ly</b>	BA	Research Assistant
2011 – 2012	<b>Tatiana Buhler</b>	BA	Research Assistant
2011 – 2012	<b>Aaron Mah</b>	BA	Research Assistant
2010 – 2012	<b>Terence Tsung</b>	BSc	Research Assistant

#### Undergraduate Honours Supervision

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2019	<b>Alireza Mogharrab</b>	BSc
2012	<b>Mary Hui</b>	BSc

2011 Azmina Karimi BSc

**Examining Committees – Simon Fraser University**

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2019-3	<b>Ethan Soutar</b>	MA	Thesis Defense
2018-1	<b>Tim Heng</b>	MSc	Thesis Defense
2016-1	<b>Junwei Sun</b>	PhD	Comprehensive Exams
2015-2	<b>Xin Tong</b>	MSc	Thesis Defense
2014-3	<b>Audrey Desjardins</b>	PhD	Comprehensive Exams
2014-2	<b>Mehdi Karamnejad</b>	MSc	Thesis Defense
2014-1	<b>Samar Al-Hajj</b>	PhD	Thesis Defense
2014-1	<b>Mengting Sun</b>	MSc	Thesis Defense
2013-1	<b>Jeremy Turner</b>	PhD	Comprehensive Exams
2013-1	<b>Vinu Rajus</b>	PhD	Comprehensive Exams
2013-2	<b>Maryam Kashani</b>	PhD	Comprehensive Exams
2013-1	<b>Nis Bojin</b>	PhD	Thesis Defense
2012-3	<b>Andy Huang</b>	MSc	Thesis Defense
2011-1	<b>Robin Oppenheimer</b>	PhD	Thesis Defense
2011-1	<b>Pooya Amini</b>	MSc	Thesis Defense
2010-3	<b>JD Yim</b>	PhD	Comprehensive Exams

**Examining Committees – External**

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2017	<b>Ignacio Avellino</b>	PhD	University of Paris-Sud
2016	<b>Sarah Mennicken</b>	PhD	University of Zurich

**Teaching Assistant Supervision**

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2019-2	<b>Yasamin Heshmat</b>	PhD	IAT 499: 1 studio class	12 students
2017-1	<b>Alexandra Kitson</b>	PhD	IAT 804: 1 lecture/lab	30 students
2017-1	<b>Yasamin Heshmat</b>	PhD	IAT 432: 1 studio lab	48 students
2016-1	<b>Samarth Singhal</b>	MSc	IAT 432: 1 studio lab	37 students
2015-3	<b>Ben Unterman</b>	PhD	IAT 431: 1 studio lab	40 students
2015-1	<b>Azadeh Forghani</b>	PhD	IAT 431: 1 studio lab	40 students
2014-1	<b>Daniel Hawkins</b>	MSc	IAT 431: 1 studio lab	40 students
2013-3	<b>Ying Deng</b>	MSc	IAT 432: 2 studio labs	48 students
2013-3	<b>Beth Carruthers</b>	PhD	IAT 431: 2 studio labs	48 students
2013-1	<b>Serena Hillman</b>	PhD	IAT 431: 3 studio labs	74 students
2012-3	<b>Erick Oduor</b>	PhD	IAT 431: 3 studio labs	74 students
2012-3	<b>Azadeh Forghani</b>	PhD	IAT 432: 2 studio labs	48 students
2012-1	<b>Erick Oduor</b>	PhD	IAT 431: 3 studio labs	74 students
2011-1	<b>Victoria Moulder</b>	PhD	IAT 431: 3 studio labs	74 students
2010-3	<b>Anna Macaranas</b>	MSc	IAT 333: 2 studio labs	48 students
2010-3	<b>Mahshid Baraghoush</b>	MSc	IAT 333: 1 studio lab	24 students
2010-3	<b>Victoria Moulder</b>	PhD	IAT 431: 3 studio labs	74 students

**Research**

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I am an internationally recognized scholar in the fields of HCI, Computer Supported Cooperative Work (CSCW), Interaction Design, and Domestic Computing. For my time in the field, I have been highly productive. My Google Scholar record attests to this point with an h-index of 37, i-index of 106, and 5006 citations as of February 22, 2020. I have received awards for my research including the NSERC Accelerator Award in 2016 given to NSERC Discovery Grant applicants who “have a superior research program that is highly rated in terms of originality and innovation.” I was selected in 2019 as one of SFU’s six nominees for NSERC’s highly prestigious E.W.R. Steacie Memorial Fellowship. In the national competition, 6 awards were given out and I was ranked 19 of 76 applicants from across Canada. My research has always been highly collaborative where I have established and maintained relationships with small to large companies, including local industry partners such as HootSuite and Electronic Arts, and international partners such as Motorola, Samsung, Microsoft, and Google. I conduct community-engaged research and teaching and have partnered with municipal governments such as the Cities of Calgary, Red Deer, Vancouver, and Surrey, and organizations such as E-Comm 9-1-1, Telus World of Science, and the Canadian Cancer Society. I have been highly successful in fostering funding and support for my research through NSERC and SSHRC programs, where many of my grants have involved fostering, building, and maintaining partnerships with organizations and industry.

**Publications: Edited Books**

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[EB6] Harrison, S., Bardzell, S., **Neustaedter, C.**, and Tatar, D. (2019)  
Companion Proceedings of Designing Interactive Systems 2019, ACM Press.

[EB5] Harrison, S., Bardzell, S., **Neustaedter, C.**, and Tatar, D. (2019)  
Companion Proceedings of Designing Interactive Systems 2019, ACM Press.

[EB4] Judge, T. K. and **Neustaedter, C.** (2015)  
Studying and Designing Technology for Domestic Life: Lessons from Home, Morgan Kaufmann, 259 pgs.

[EB3] Wakkary, R., Harrison, S., **Neustaedter, C.**, Bardzell, S., and Paulos, E. (2014)  
Companion Proceedings of Designing Interactive Systems 2014, ACM Press.

[EB2] Wakkary, R., Harrison, S., **Neustaedter, C.**, Bardzell, S., and Paulos, E. (2014)  
Proceedings of Designing Interactive Systems 2014, ACM Press.

[EB1] **Neustaedter, C.**, Harrison, S., and Sellen, A. (2012)  
Connecting Families: The Impact of New Communication Technologies on Domestic Life, Springer, 212 pgs.

**Publications: Book Chapters (peer-reviewed)**

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[B13] Jones, B., Tang, T., **Neustaedter, C.**, Antle, A., and McLaren, E. (2020)  
Designing Technology for Shared Communication and Awareness in Wilderness Search and Rescue, in McCrickard, S., Jones, M., and Stelter, T. (eds.), HCI Outdoors: Community, Group, and Personal Experiences with Interactive Computing in the Outdoors, Springer, London.

[B12] **Neustaedter, C.**, Heshmat, Y., Jones, B., Forghani, A., and Xiong, X. (2020)  
Shared Family Experiences over Distance in the Outdoors, in McCrickard, S., Jones, M., and Stelter, T. (eds.), HCI Outdoors: Community, Group, and Personal Experiences with Interactive Computing in the Outdoors, Springer, London.

[B11] Fortin, C., Hennessy, K. & **Neustaedter, C.** (2016)  
Digital public infrastructures for creative communities: The case of the Quartier des Spectacles, in Papastergiadis, N. (ed.), Ambient Screens and Transnational Public Spaces, Hong Kong University Press, pp. 95-112.

[B10] Hausknecht, S., **Neustaedter, C.** & Kaufman, D. (2016)  
Blurring the lines of age: Intergenerational collaboration in alternate reality games, in Romero, M., Sawchuk, K., Blat, J., Sayago, S., and Ouellet, H. (ed.), Game-Based Learning across the Lifespan, Springer, pp. 47-64.

[B9] Judge, T.K. and **Neustaedter, C.** (2014)  
An Introduction to Studying and Designing Technology for Domestic Life, in Judge, T.K. and Neustaedter, C. (ed.), Studying and Designing Technology for Domestic Life: Lessons from Home, Morgan Kaufmann, pp. 1-10.

[B8] **Neustaedter, C.**, Judge, T.K., Sengers, P. (2014)  
Autobiographical Design in the Home, in Judge, T.K. and Neustaedter, C. (ed.), Studying and Designing Technology for Domestic Life: Lessons from Home, Morgan Kaufmann, pp. 135-158.

[B7] Hillman, S., Forghani, A., Pang, C., **Neustaedter, C.**, and Judge, T.K. (2014)  
Interviews with Remote Participants, in Judge, T.K. and Neustaedter, C. (ed.), Studying and Designing Technology for Domestic Life: Lessons from Home, Morgan Kaufmann, pp. 11-32.

[B6] Judge, T.K. and **Neustaedter, C.** (2014)  
Field Trials with Multiple Connected Households, in Judge, T.K. and Neustaedter, C. (ed.), Studying and Designing Technology for Domestic Life: Lessons from Home, Morgan Kaufmann, pp.181-206.

[B5] **Neustaedter, C.**, Harrison, S., and Sellen, A. (2012)  
Connecting Families: An Introduction, Book Chapter in Neustaedter, C., Sellen, A., and Harrison, S (ed.), Connecting Families: The Impact of New Communication Technologies on Domestic Life, Springer, pp. 1-12.

[B4] Greenberg, S., and **Neustaedter, C.** (2012)  
Shared Living, Experiences, and Intimacy over Video Chat in Long Distance Relationships, Book Chapter in Neustaedter, C., Sellen, A., and Harrison, S (ed.), Connecting Families: The Impact of New Communication Technologies on Domestic Life, Springer, pp. 37-53.

[B3] Judge, T., **Neustaedter, C.**, and Harrison, S. (2012) Inter-Family Messaging with Domestic Media Spaces, Book Chapter in Neustaedter, C., Sellen, A., and Harrison, S (ed.), *Connecting Families: The Impact of New Communication Technologies on Domestic Life*, Springer, pp. 141-157.

[B2] Greenberg, S., **Neustaedter, C.**, and Elliot, K. (2008) Awareness in the Home: The Nuances of Relationships, Domestic Coordination and Communication, Book Chapter in P. Markopoulos, B. De Ruyter, W. Mackay (ed.), *Awareness Systems: Advances in Theory, Methodology and Design*, Kluwer Academic Publishers, pp. 1-21.

[B1] Boyle, M., **Neustaedter, C.** and Greenberg, S. (2008) Privacy Factors in Video-based Media Spaces, in Harrison, S (ed.), *Media Space: 20+ Years of Mediated Life*, Springer, pp. 97-122.

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### Publications: Journal Articles (refereed)

[J21] Pang, C., **Neustaedter, C.**, Pan, R., Hennessy, K. & Moffatt, K. (2020) The Role of a Location-Based City Exploration Game in Digital Placemaking. IN *Behaviour and Information Technology*, Special Issue on Smart Cities at Play.

[J20] Jones, B., Tang, A. & **Neustaedter, C.** (2020) Remote Communication in Wilderness Search and Rescue: Implications for the Design of Emergency Distributed-Collaboration Tools for Network-Sparse Environments, IN *Proceedings of the ACM, GROUP 2020*, New York, NY, USA, ACM Press.

[J19] Fan, M., Antle, A., Hoskyn, M., and **Neustaedter, C.** (2018) A Design Case Study of a Tangible System Supporting Young English Language Learners, *International Journal of Child Computer Interaction*, Elsevier, Volume 18, November 2018, Pages 67-78.

[J18] Yang, L. & **Neustaedter, C.** (2018) Our House: Living Long Distance with a Telepresence Robot. IN *Proceedings of the ACM, CSCW 2018*, ACM Press, 17 pages.

[J17] Yang, L., Jones, B., **Neustaedter, C.** & Singhal, S. (2018) Shopping Over Distance through a Telepresence Robot. IN *Proceedings of the ACM, CSCW 2018*, ACM Press, 18 pages.

[J16] **Neustaedter, C.**, Singhal, S., Pan, R., Heshmat, Y., Forghani, A. & Tang, J. (2018) From Being There to Watching: Shared and Dedicated Telepresence Robot Usage at Academic Conferences. IN *Transactions on Human Computer Interaction*, ACM Press, 41 pgs.

[J15] Wong, S., Singhal, S., and **Neustaedter, C.** (2018) The Study and Design of Collaboration Tools for Flight Attendants, *International Journal of Mobile Human Computer Interaction (IJMHCI)*, Vol. 10(2), 25 pgs online.

[J14] Tong, X., Gupta, A., Gromala, D., Shaw, C., **Neustaedter, C.**, and Choo, A. (2017) Utilizing Gamification Approaches in Pervasive Health: How Can We Motivate Physical Activity Effectively?, *Transactions on Pervasive Health and Technology*, European Alliance for Innovation, Vol. 3(11), 14 pgs online.

[J13] **Neustaedter, C.**, Procyk, J., Chua, A., Forghani, A., and Pang, C. (2017) Mobile Video Conferencing for Sharing Outdoor Leisure Activities Over Distance, *Human-Computer Interaction*, Taylor and Francis, Vol. 35, Issue 2, pp. 103-142.

[J12] Sas, C. and **Neustaedter, C.** (2017) Exploring DIY Practices of Complex Home Technologies, *Transactions on Computer-Human Interaction (ToCHI)*, Special Issue on EUD for IoT, 24(2), 29 pgs online.

[J11] Hillman, S. and **Neustaedter, C.** (2017) Trust and Mobile Commerce in North America, *Computers and Human Behavior*, 70, pp. 10-21.

[J10] Aflatoony, L., Wakkary, R. & **Neustaedter, C.** (2017) Becoming a Design Thinker: Assessing the Learning Process of Students in a Secondary Level Design Thinking Course, *International Journal of Art and Design Education*, 24 pgs online.

[J9] Aflatoony, L., Wakkary, R. & **Neustaedter, C.** (2017) Investigating the benefits of a secondary education interaction design thinking course inside and outside the classroom, *International Journal of Design Education*, Vol. 11(2), pp. 1-19.

[J8] Oduor, E., **Neustaedter, C.**, and Hennessy, K. (2016) The Design and Evaluation of a Photo-Sharing Application for Rural and Urban Kenyan Families, *Journal of Personal and Ubiquitous Computing*, Springer, pp. 615-633.

- [J7] Golbeck, J. & **Neustaedter, C.** (2016)  
Environmental Factors Affecting Where People Geocache, *Future Internet Journal*, 8, pp. 1-6.
- [J6] **Neustaedter, C.**, Pang, C., Forghani, A., Oduor, E., Hillman, S., Judge, T. K., Massimi, M. & Greenberg, S. (2015)  
Sharing Domestic Life through Long-Term Video Connections. IN *Transactions on Computer-Human Interaction*, 22, 29 pgs online.
- [J5] **Neustaedter, C.** (2013)  
My Life with Always-On Video, *Electronic Journal of Communication: Special Issue on Video Conferencing*, Communication Institute for Online Scholarship (COIS), 34 pgs online.
- [J4] **Neustaedter, C.**, Tang, A., and Judge, T. (2013)  
Creating Scalable Location-Based Games: Lessons from Geocaching, *Journal of Personal and Ubiquitous Computing*, Springer, pp. 335-349.
- [J3] Nunes, M., Greenberg, S. and **Neustaedter, C.** (2009)  
Using Physical Memorabilia as Opportunities to Move into Collocated Digital Photo Sharing, *International Journal on Human Computer Studies, Special Issue on Collocated Photo Sharing Practices*, Vol. 67(12), pp. 1087-1111.
- [J2] **Neustaedter, C.**, Brush, A.J., and Greenberg, S., (2009)  
"The Calendar is Crucial": Coordination and Awareness through the Family Calendar, In *ACM Transactions on Computer-Human Interaction (ToCHI)*, ACM Press, Vol. 16(1), April, 48 pgs online.
- [J1] **Neustaedter, C.**, Greenberg, S., and Boyle, M., (2006)  
Blur Filtration Fails to Preserve Privacy for Home-Based Video Conferencing, In *ACM Transactions on Computer Human Interactions (ToCHI)*, Vol. 13(1), March 2006, pp. 1-36
- Publications: Archival Conference Papers (refereed)**
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- \* Given the rapid change in the field of human-computer interaction, some conference publication venues are considered equivalent to journal articles because of their dissemination, rigour, competition, and quality.  
[http://scholar.google.ca/citations?view\\_op=top\\_venues&hl=en&vq=eng\\_humancomputerinteraction](http://scholar.google.ca/citations?view_op=top_venues&hl=en&vq=eng_humancomputerinteraction)
- [C89] Han, D., Heshmat, Y. & **Neustaedter, C.** (2020) Exploring Video Conferencing for Doctor Appointments in the Home: A Scenario-Based Approach from Patients' Perspectives Proceedings of Graphics Interface New York, NY, USA, ACM Press, 10 pages.
- [C88] Heshmat, Y., **Neustaedter, C.**, McCaffrey, K., Odom, W., Wakkary, R. & Yang, Z. (2020) FamilyStories: Asynchronous Audio Storytelling for Family Members Across Time Zones Proceedings of the ACM Conference on Computer-Human Interaction New York, NY, USA, ACM Press, 14 pages.
- [C87] Zhang, Y., Riecke, B., Schiphorst, T. & **Neustaedter, C.** (2019) Perch to Fly: Embodied Virtual Reality Flying Locomotion with a Flexible Perching Stance, Proceedings of the Conference on Designing Interactive Systems New York, NY, USA, ACM Press, 12 pages.
- [C86] **Neustaedter, C.**, McGee, J. & Dash, P. (2019) Sharing 9-1-1 Video Call Information between Dispatchers and Firefighters During Everyday Emergencies, Proceedings of the Conference on Designing Interactive Systems New York, NY, USA, ACM Press, 14 pages.
- [C85] Khan, N. & **Neustaedter, C.** (2019)  
An Exploratory Study of the Use of Drones for Assisting Firefighters During Emergency Situations, Proceedings of the Conference on Computer Human Interaction New York, NY, USA, ACM Press, 14 pages.
- [C84] Pang, C., Pan, R., **Neustaedter, C.** & Hennessy, K. (2019)  
City Explorer: The Design and Evaluation of a Location-Based Community Information System, Proceedings of the Conference on Computer Human Interaction New York, NY, USA, ACM Press, 15 pages.
- [C83] Singhal, S. & **Neustaedter, C.** (2018)  
Caller Needs and Reactions to 9-1-1 Video Calling for Emergencies, Proceedings of the Conference on Designing Interactive Systems New York, NY, USA, ACM Press, 13 pgs. online.
- [C82] Heshmat, Y., Yang, L., and **Neustaedter, C.** (2018)  
Quality 'Alone' Time through Conversations and Storytelling: Podcast Listening Behaviors and Routine, Proceedings of the Graphics Interface (GI) Conference, New York, NY, USA, ACM, 8 pgs.
- [C81] Forghani, A., **Neustaedter, C.**, Vu, C., Judge, T. & Antle, A. (2018)  
G2G: The Design and Evaluation of a Shared Calendar Video Messaging System to Connect Distance-separated Grandparents and Young Grandchildren, Proceedings of the ACM Computer Human Interaction (CHI) New York, NY, USA, ACM Press, 12 pgs online.

- [C80] Heshmat, Y., Jones, B., Xiong, X., **Neustaedter, C.**, Tang, A., Riecke, B. & Yang, L. (2018) Geocaching with a Beam: Shared Outdoor Activities through a Telepresence Robot with 360 Degree Viewing, Proceedings of the ACM Computer Human Interaction (CHI) New York, NY, USA, ACM Press, 13 pgs online.
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- [NC12] Hauser, S., Wakkary, R., and **Neustaedter, C.** (2014) Improving Guide Dog Team Play with Accessible Dog Toys, *Proceedings of the ACM CHI Conference* (2014), ACM Press, pp. 1537-1542.
- [NC11] Procyk, J. and **Neustaedter, C.** (2013)  
GEMS: A Location-Based Game for Supporting Family Storytelling, *Extended Proceedings of the ACM Conference on Computer-Human Interaction (CHI)*, pp. 1083-1088.
- [NC10] Forghani, A., **Neustaedter, C.**, and Schiphorst, T. (2013)  
Investigating the Communication Patterns and Needs of Distance-Separated Grandparents and Grandchildren, *Extended Proceedings of the ACM Conference on Computer-Human Interaction (CHI)*, pp. 67-72.
- [NC9] Oduor, E., **Neustaedter, C.**, Hillman, S., and Pang, C. (2013)  
Family Communication in Rural and Slum Regions of Kenya, *Extended Proceedings of the ACM Conference on Computer-Human Interaction (CHI)*, pp. 847-852.
- [NC8] Deng, Y., Antle, A., **Neustaedter, C.**, Bevans, A. (2013)  
Tango Cards: A Card-Based Design Tool for Designing Tangible Learning Games, *Extended Proceedings of the ACM Conference on Tangible, Embedded, and Embodied Interaction (TEI)*, 8 pgs.
- [NC7] Lam, C., and **Neustaedter, C.** (2013)  
Explorations of Geocaching in the Virtual World of Second Life, *Extended Proceedings of the ACM Conference on Computer Supported Cooperative Work*, ACM Press, pp. 179-182.
- [NC6] Hillman, S., **Neustaedter, C.**, and Bowes, J., (2012)  
The Routines and Social Behaviors of Frequent mCommerce Shoppers, *Extended Proceedings of the Conference on Computer-Human Interaction (CHI 2012)*, ACM Press, pp. 1841-1846.
- [NC5] Hui, M., Ly, C., and **Neustaedter, C.** (2012)

MammiBelli: Sharing Baby Activity Levels Between Expectant Mothers and Their Intimate Social Groups, *Extended Proceedings of the Conference on Computer-Human Interaction (CHI 2012)*, ACM Press, pp. 1649-1654.

[NC4] Golbeck, J., and **Neustaedter, C.** (2012)

Pet Video Chat: Monitoring and Interacting with Dogs over Distance, *Alt.CHI, Extended Abstracts of the Conference on Computer-Human Interaction (CHI 2012)*, ACM Press, pp. 211-220.

[NC3] Deng, Y., Antle, A., and **Neustaedter, C.** (2012)

A Card-Based Design Tool for Designing Tangible Learning Games, Poster paper at the Third Annual Graphics, Animation and New Media Conference (GRAND 2012).

[NC2] Karimi, A., and **Neustaedter, C.** (2012)

From High Connectivity to Social Isolation: Communication Practices of Older Adults in the Digital Age, *Conference on Computer-Supported Cooperative Work (CSCW 2012)*, ACM Press, pp. 127-130.

[NC1] **Neustaedter, C.** and Judge, T. (2012)

See It: A Scalable Location-Based Game for Promoting Physical Activity, *Conference on Computer-Supported Cooperative Work (CSCW 2012)*, ACM Press, pp. 235-238.

### **Publications: Videos (refereed)**

\* These videos represent published stand-alone videos (not Video Figures) along with an extended abstract that is available in archived format in the ACM Digital Library. In many cases, I also have full paper publications on the systems shown in the videos; however, these publications are different and differ in terms of their depth, focus, and research contribution.

[V16] Chua, A., Forghani, A. & **Neustaedter, C.** (2017)

Shared Bicycling Over Distance, *Proceedings of the Conference on Computer Human Interaction*.

[V15] Wong, S., Singhal, S. & **Neustaedter, C.** (2017)

Smart Crew: A Smart Watch Design for Collaboration Amongst Flight Attendants, *Proceedings of the Conference on Computer Human Interaction*.

[V14] Lam, P., Lai, C., Choi, T., Huxtable, B., Castro, J., Hawryshkewich, A., and **Neustaedter, C.** (2014)

Loopo: Tangible Programming Game For Kids, *Video Proceedings of the ACM CHI Conference (CHI 2014)*, ACM Press, 1 pg. + video.

[V13] Huxtable, B., Lai, C., Zhu, J., Lam, P., Choi, T., **Neustaedter, C.**, and Corness, G. (2014) Ziklo: Bicycle Navigation Through Tactile Feedback, *Video Proceedings of the ACM CHI Conference (CHI 2014)*, ACM Press, 1 pg. + video

[V12] Procyk, J., **Neustaedter, C.**, Pang, C., Tang, A., and Judge, T.K. (2014)

Shared Geocaching Over Distance with Mobile Video Streaming, *Video Proceedings of the CSCW Conference on Computer Supported Cooperative Work and Social Computing (CSCW)*, ACM Press, 4 pgs. + video

[V11] Oduor, E. and **Neustaedter, C.** (2014)

The Family Room: A Multi-Camera, Multi-Display Family Media Space, *Video Proceedings of the CSCW Conference on Computer Supported Cooperative Work and Social Computing (CSCW)*, ACM Press, 4 pgs. + video

[V10] Hillman, S., Procyk, J., and **Neustaedter, C.** (2014)

Tumblr Fandoms, Community & Culture, *Video Proceedings of the CSCW Conference on Computer Supported Cooperative Work and Social Computing (CSCW)*, ACM Press, 4 pgs. + video

[V9] Golbeck, J. and **Neustaedter, C.** (2012)

Pet Video Chat: Monitoring and Interacting with Dogs over Distance, In *Video Proceedings of the Conference on Computer-Human Interaction (CHI 2012)*, ACM Press.

[V8] Neustaedter, C., and Judge, T.K. (2010)

Peek-A-Boo: The Design of a Mobile Family Media Space, *Video Proceedings of the International Conference on Ubiquitous Computing (Ubicomp 2010)*.

[V7] **Neustaedter, C.**, Judge, J., Kurtz, A., and Fedorovskaya, E. (2010)

The Family Window: Connecting Families over Distance with a Domestic Media Space, *ACM Conference on Computer-Supported Cooperative Work (CSCW 2010)*, ACM Press.

[V6] Elliot, K., Watson, M., **Neustaedter, C.** and Greenberg, S. (2007)

Location-Dependent Domestic Information Appliances, In *Video Proceedings of the Fifth International Conference on Pervasive Computing 2007 (Pervasive 2007)*, May 13-16, Toronto, Ontario, Canada.

[V5] Elliot, K., **Neustaedter, C.**, and Greenberg, S., (2006)

Sticky Spots: A Location-Based Message System for the Home, In *Video Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2006)*.

[V4] **Neustaedter, C.**, Brush, A.J., and Greenberg, S., (2006)

LINC, An Inkable Digital Family Calendar: The Video, In *Video Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2006)*.

[V3] Tang, A., **Neustaedter, C.**, and Greenberg, S., (2004)

VideoArms: Supporting Remote Embodiment in Groupware, In *Video Proceedings of the ACM Conference on Computer-Supported Cooperative Work (CSCW 2004)*.

[V2] **Neustaedter, C.** and Greenberg, S. (2003)

The Design of a Context-Aware Home Media Space, In *Video Proceedings of the Fifth International Conference on Ubiquitous Computing (UbiComp 2003)*.

[V1] **Neustaedter, C.**, Greenberg, S. and Carpendale, S. (2002)

IMVis: Instant Messenger Visualization, In *Video Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2002)*.

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#### **Publications: Demonstrations (peer reviewed)**

[D4] Wong, S., Singhal, S. & **Neustaedter, C.** (2017) Smart Crew: A Smart Watch Design for Collaboration Amongst Flight Attendants, *Proceedings of the Conference on Computer Supported Cooperative Work and Social Computing*, 4 pgs.

[D3] Singhal, S., **Neustaedter, C.**, Antle, A. & Matkin, B. (2017) Flex-N-Feel: Emotive Gloves for Physical Touch Over Distance, *Proceedings of the Conference on Computer Supported Cooperative Work and Social Computing*, pp. 37-40.

[D2] **Neustaedter, C.**, Brush, A.J., and Greenberg, S., (2006)

A Demo of Family Calendaring using LINC, *Extended Abstract and Demonstration at the ACM Conference on Computer Supported Cooperative Work (CSCW 2006)*, 2 pgs online.

[D1] Brush, A.J., and **Neustaedter, C.**, (2006)

LINC: A Ubiquitous Digital Family Calendar, *Extended Abstract and Demonstration at the Eighth International Conference on Ubiquitous Computing (UbiComp 2006)*, 2 pgs online.

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#### **Publications: Theses**

[T2] **Neustaedter, C.** (2007)

Domestic Awareness and the Role of Family Calendars, PhD Dissertation, *Department of Computer Science, Calgary, Alberta, Canada*.

[T1] **Neustaedter, C.** (2003)

Balancing Privacy and Awareness in Home Media Spaces, MSc Thesis, *Department of Computer Science, Calgary, Alberta, Canada*.

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#### **Publications: Workshop Organization (peer reviewed)**

\* These are workshops that I co-organized at conferences. Each contains a published extended abstract in the conference proceedings that documents that state of research in the workshop's area, the workshop activities, and anticipated outcomes. Each extended abstract is peer reviewed and appears in archived format in the ACM Digital Library. Some conferences are highly selective with workshops, e.g., CHI Workshops have a < 50% acceptance rate.

[O10] Lucero, A., Desjardins, A., **Neustaedter, C.**, Höök, K., Hassenzahl, M. & Cecchinato, M. (2019) A Sample of One: First-Person Research Methods in HCI, *Proceedings of the Conference on Designing Interactive Systems New York, NY, USA, ACM Press*.

[O9] Ahn, J., Bonsignore, E., Hansen, D., Kraus, K. & **Neustaedter, C.** (2016)

Pervasive Play, *Proceedings of ACM Conference on Computer Human Interaction New York, NY, USA, ACM*, 8 pgs online.

[O8] Oduor, E., **Neustaedter, C.**, Venolia, G., and Judge, T. (2013)

The Future of Personal Video Communication: Moving Beyond Talking Heads to Shared Experiences, *Workshop in the Proceedings of the ACM Conference on Computer Human Interaction*, ACM Press, 4 pgs online.

[O7] Kazakos, K., Bales, E., **Neustaedter, C.**, Yarosh, S., Kaye, J., and Kirk, D. (2013)

Exploring the Diversity of Families: Designing Technologies for the Contemporary Family Life, *Workshop in the Proceedings of the ACM Conference on Computer Human Interaction*, ACM Press, 4 pgs online.

- [O6] **Neustaedter, C.**, Oduor, E., Venolia, G., and Judge, T. (2012) Moving Beyond Talking Heads to Shared Experiences: The Future of Personal Video Communication, *Proceedings of the ACM Group Conference (2012)*, ACM Press, pp. 327-330.
- [O5] Leshed, G., Sengers, P., and **Neustaedter, C.** (2010) Technology and Life in the Fast Lane, *Proceedings of the ACM Group Conference (2010)*, ACM Press, 4 pgs.
- [O4] **Neustaedter, C.**, Judge, T., Harrison, S., Sellen, A., and Cao, X. (2010) Connecting Families: New Technologies, Family Communication, and the Impact on Domestic Spaces, *Proceedings of the ACM Group Conference (2010)*, ACM Press, pp. 363-366.
- [O3] Judge, T., **Neustaedter, C.**, Tang, A., and Harrison, S., (2010) Bridging the Gap: Moving Between Contextual Analysis and Design, *Extended Proceedings of the ACM Conference on Computer-Human Interaction (2010)*, ACM Press, pp. 4497-4500.
- [O2] **Neustaedter, C.**, Yarosh, S., and Brush, A.J., (2009) Designing for Families, *Extended Proceedings of the ACM Conference on Computer-Human Interaction (2009)*, ACM Press, pp. 2735-2738.
- [O1] **Neustaedter, C.**, Brush, A.J., and McDonald, D. (2008) Designing for Families, *Extended Proceedings of the ACM Conference on Computer-Supported Cooperative Work (2008)*, ACM Press, 4 pgs.

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#### **Publications: Workshop Papers (peer reviewed)**

- [W26] **Khan, N.** & Neustaedter, C. (2019) Exploring Drones to Assist Firefighters During Emergencies, Proceedings of the CHI 2019 International Workshop on Human-Drone Interaction.
- [W25] **Jones, B.**, Tang, A. & Neustaedter, C. (2019) Remote Collaboration in Wilderness Search and Rescue, Proceedings of the CHI 2019 International Workshop on Human-Drone Interaction.
- [W24] Forghani, A. & **Neustaedter, C.** (2018) Grandparents 2 Grandchildren: Bridging Age Over Distance, Proceedings of the CHI 2018 Workshop on Designing Interactions for the Ageing Populations, 6 pgs online.
- [W23] Avellino, I. & **Neustaedter, C.** (2018) Putting the Coach in the Loop: Improving Practice in Outdoor Activities through Technology, Proceedings of the CHI 2018 Workshop on HCI in the Outdoors, 6 pgs online.
- [W22] Heshmat, Y. & **Neustaedter, C.** (2018) Family Members Sharing Activities through Audio Narratives in Different Time Zones, Proceedings of the CHI 2018 Workshop on HCI in the Outdoors, 6 pgs online.
- [W21] Jones, B., Tang, A. & **Neustaedter, C.** (2018) Designing Outdoor Remote-Communication Tools for Serious Collaborative Activities, Proceedings of the CHI 2018 Workshop on HCI in the Outdoors, 6 pgs online.
- [W20] Yang, L., **Neustaedter, C.** & Schiphorst, T. (2017) 'Being Home' Over Distance: Long Distance Couples and the Use of Telepresence Robots, Proceedings of the CHI 2017 Workshop on Making Home at the Conference on Computer Human Interaction, 6 pgs.
- [W19] **Neustaedter, C.** & Yang, L. (2017) Family Communication Over Distance Through Telepresence Robots, Proceedings of the CSCW 2016 Workshop on Robots in Groups and Teams at the Conference on Computer Supported Cooperative Work and Social Computing, 6 pgs.
- [W18] Forghani, A. & **Neustaedter, C.** (2016) Collaborative Intergenerational Appropriation: Designing for Distance-separated Grandparents and Young Grandchildren, Proceedings of the CSCW 2016 Workshop on Collaborative Appropriation, held at the Conference on Computer Supported Cooperative Work and Social Computing, 6 pgs.
- [W17] Pan, R., **Neustaedter, C.** & Schiphorst, T. (2016) How Collocated Couples Play in Real-Life Escape Rooms, Proceedings of the CSCW 2016 Workshop on Collocated Interaction, held at the Conference on Computer Supported Cooperative Work and Social Computing, 7 pgs.
- [W16] Singhal, S. & **Neustaedter, C.** (2016) Be With Me: An Immersive Experience for Long Distance Couples, Proceedings of the CSCW 2016 Workshop on Collaborative Appropriation, held at the Conference on Computer Supported Cooperative Work and Social Computing, 6 pgs.

- [W15] **Neustaedter, C.** (2015)  
Challenges for Telepresence: Design, Evaluation, and Creativity, Proceedings of CHI 2015 Workshop on Everyday Telepresence: Emerging Practices and Future Research Directions, held at the Conference on Computer Human Interaction.
- [W14] Hillman, S. and **Neustaedter, C.** (2014)  
Towards Ubiquitous Commerce: New Commerce, Behaviours & Routines, *Workshop on Financial Interactions, Digital Cash, Capital Exchange and Mobile Money, held at the ACM CHI Conference (2014)*, 4 pgs.
- [W13] Forghani, A. and **Neustaedter, C.** (2014)  
Granny's Virtual Visit: Sharing Life Events Between Grandparents and Grandchildren, *Workshop on Designing Technology for Major Life Events, held at the ACM CHI Conference (2014)*, 4 pgs.
- [W12] Moulder, V., Wakkary, R. and **Neustaedter, C.** (2014)  
Ada Lovelace to Babylonia.ca Alternate Endings: Using Fiction to Explore Design Futures, *Workshop on Design Fiction, held at the ACM CHI Conference (2014)*, 4 pgs.
- [W11] Moulder, V., Wakkary, R., and **Neustaedter, C.** (2013)  
Subcultures to Interventionalist Design Strategies, *CHI 2013 Workshop on Crafting Interactive Systems, held at the Conference on Computer Human Interaction (CHI 2013)*, 4 pgs.
- [W10] Hillman, S. and **Neustaedter, C.**, (2012)  
In mCommerce We Trust: The Social and Trust Behaviors of mCommerce Shoppers, In *ACM Mobile HCI Workshop on Mobility and Web Behavior*, 6 pgs.
- [W9] **Neustaedter, C.**, Judge, T., Hillman, S., Oduor, E., and Pang, C. (2012)  
Connecting Families through Technology, In *ACM CHI 2012 Workshop on Technologies for Today's Families*. Organized by Jerry Fails, Mona Leigh Guha, Michael Horn, and Sara Isola, 4 pgs.
- [W8] **Neustaedter, C.**, Moulder, V., Wakkary, R., Judge, T., and Tang, A. (2012)  
Designing Mixed Reality Games to Study Culture, Family Practices, and Social Engagement, In *ACM CSCW 2012 Workshop on Mixed Reality Games*. Organized by Elizabeth Bonsignore, Derek L. Hnasen, Zachary O. Toups, Lennart E. Nacke, Anastasia Salter, and Wayne Lutters, 5 pgs.
- [W7] Pang, C., and **Neustaedter, C.**, (2012)  
Designing a Health Sharing System for Families, In *ACM CSCW 2012 Workshop on Brainstorming Design for Health: Helping Patients Utilize Patient-Generated Information on the Web*. Organized by Jina Huh, Jina Huh, Andrea Hartzler, Nick Anderson, Kelly Edwards, John Gore, Meliha Yestigen-Yildiz, Wanda Pratt, Sean Munson, Mark S. Ackerman, Andrea Parker, Jim O'Leary, Derek Streat, 1 page.
- [W6] **Neustaedter, C.**, (2008)  
Reflecting on Domestic Displays for Photo Viewing and Sharing, In *ACM CHI 2008 Workshop on Collocated Social Practices Surrounding Photos*. Organized by Sian Lindley, Abigail Durrant, Dave Kirk, and Alex Taylor, 4 pgs.
- [W5] Tang, A., and **Neustaedter, C.**, (2006)  
Visualizing Egocentric Relationships in Instant Messaging, In *ACM CHI 2006 Workshop on Social Visualization, Exploring Text, Audio and Video Interactions*. Organized by Karahalios, K., and Viegas, F, 4 pgs.
- [W4] **Neustaedter, C.**, Elliot, K., and Greenberg, S., (2005)  
Understanding Interpersonal Awareness in the Home, In *ACM CHI 2005 Workshop on Awareness Systems*, 4 pgs.
- [W3] **Neustaedter, C.** and Greenberg, S. (2003)  
Balancing Privacy and Awareness in Home Media Spaces, In *Workshop on Ubicomp Communities: Privacy as Boundary Negotiation, UbiComp 2003*, 4 pgs.
- [W2] Venolia, G., **Neustaedter, C.** (2002)  
Understanding Sequence and Reply Relationships within Email Conversations: A Mixed-Model Visualization, In *ACM CSCW 2002 Workshop on Redesigning Email for the 21st Century*, 4 pgs.
- [W1] **Neustaedter, C.** & Greenberg, S. (2002)  
Supporting Coherence with a 3D Instant Messenger Visualization, In *ACM CHI 2002 Workshop on Discourse Architectures*, 4 pgs.

### Patent Applications Awarded

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- [PA5] **Neustaedter, C.**, Gobeyn, K., and Fedorovskaya, E., Awarded 2017  
Configuring a Virtual World User Interface



[PA4] Fedorovskaya, E., and **Neustaedter, C.**, Awarded 2017  
Method and Apparatus for Image Display Control According to Viewer Factors and Responses

[PA3] Brush, A.J. and **Neustaedter, C.**, Awarded 2014  
User Interface for an Inkable Family Calendar  
U.S. Serial No. 60/756,775

[PA2] Fisher, D., Brush, A.J., Jacobs, A., Smith, M., and **Neustaedter, C.**, Awarded 2014  
Ordering Personal Information with Social Meta-data

[PA1] Brush, A.J. and **Neustaedter, C.**, Filed 2006, Awarded 2009  
Mobile Access to Information Using Images  
U.S. Serial No. 60/756,914

### External Presentations and Talks

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May 2019	<b>Academic Life in a Telepresence Robot</b> , UBC Designing for People Design Showcase and Poster Session, <i>Keynote Presentation</i>
April 2018	<b>Exploring DIY Practices of Complex Home Technologies</b> , ACM CHI, <i>Delivered Paper</i>
April 2018	<b>The Benefits and Challenges of Video Calling for Emergency Situations</b> , ACM CHI, <i>Delivered Paper</i>
March 2017	<b>Putting the Human into the Internet of Things</b> , Samsung, Vancouver
March 2017	<b>In Your Eyes</b> , ACM CSCW, <i>Delivered Paper</i>
Oct 2016	<b>Lessons from Home</b> , Mozilla, Vancouver
Sept 2016	<b>Lessons from Home</b> , Radical Research Summit, Vancouver
May 2016	<b>Human Proxies for Remote Classroom Learning</b> , ACM CHI, <i>Delivered Paper</i>
February 2016	<b>To Beam or Not to Beam</b> , ACM CSCW, <i>Delivered Paper</i>
June 2015	<b>The Future of Telepresence</b> , Samsung Vancouver
June 2014	<b>The Future of Video Chat Technologies</b> , Skype Connections, Microsoft Research Cambridge
July 2014	<b>The Future of Video Chat Technologies</b> , Samsung NExD
February 2014	<b>Connecting Families Over Distance</b> , GRAND NCE Workshop
May 2013	<b>Everyday Activities and Energy Consumption</b> , ACM CHI, <i>Delivered Paper</i> .
February 2013	<b>Exploring Pet Video Chat</b> , ACM CSCW, <i>Delivered Paper</i> .
June 2012	<b>Connecting Families Over Distance</b> , Department of Computer Science, St. Andrews University, Scotland, UK, <i>Invited Talk</i> .
August 2012	<b>Connecting Families Over Distance</b> , Department of Computer Science Speaker Series, University of Calgary, <i>Invited Talk</i> .
February 2011	<b>Connecting Families through Video, Social Media, and Games</b> , Dept. of Computer Science, University of British Columbia, <i>Invited Talk</i> .
January 2011	<b>Connecting Families through Video, Social Media, and Games</b> , Microsoft Research, <i>Invited Talk</i> .
November 2010	<b>Connecting Families</b> , ACM Group Workshop, <i>Leader</i>
April 2010	<b>The Role of Community and Groupware in Geocaching</b> , ACM CHI, <i>Delivered Paper</i>
April 2010	<b>Bridging the Gap</b> , ACM CHI Workshop, <i>Leader</i>

- May 2009      **Digital Photo Ecosystems**, ACM Graphics Interface, *Delivered Paper*
- May 2009      **Avatar Appearances and Identity**, ACM Graphics Interface, *Delivered Paper*
- April 2009     **Capturing and Sharing Memories in a Virtual World**, ACM CHI, *Delivered Paper*
- April 2009     **Special Interest Group, Designing for Families**, ACM CHI, *Leader*
- January 2009   **Design for Real People with Real Needs**, Rochester Institute of Technology (RIT), Department of Industrial and Systems Engineering, Human Factors course, *Invited Talk*
- November 2008   **Designing For Families**, ACM CSCW Workshop, *Leader*
- April 2008      **Reflecting on Domestic Displays**, ACM CHI Workshop on Collocated Photo Sharing, *Delivered Paper*
- January 2008    **Designing Technology for Everyday Life**, Rochester Institute of Technology (RIT), Usability Engineering Course, *Invited Guest Lecture*
- December 2007   **Designing Technology for Everyday Life**, Human Factors and Ergonomics Society of Western NY, *Invited Talk*.
- October 2007    **Designing Technology for Everyday Life**, University of Rochester, Department of Computer Science Colloquium, *Invited Talk*.
- May 2007        **Field Trials of a Digital Family Calendar**, ACM Graphics Interface, *Delivered Paper*
- Nov 2006        **Interpersonal Awareness in the Domestic Realm**, ACM OzCHI, *Delivered Paper*
- April 2006      **LINCing the Family: An Inkable Family Calendar**, ACM CHI, *Delivered Paper*
- March 2006     **User-Centred Design for the Home**, Microsoft Research, *Invited Talk*.
- July 2005        **The Social Network and Relationship Finder**, Conference on Email and Anti-Spam, *Delivered Paper*
- April 2005      **Exploring Email Triage**, ACM CHI, *Delivered Paper*
- April 2005      **Interpersonal Awareness in the Home**, ACM CHI Workshop on Awareness Systems, *Delivered Paper*
- October 2003    **A Context-Aware Home Media Space**, UbiComp, *Delivered Paper*
- October 2003    **Balancing Privacy and Awareness in a Home Media Space**, UbiComp 2003 Workshop on Ubicomp Communities: Privacy as Boundary Negotiation, *Delivered Paper*
- November 2002   **Email Conversation Visualization**, ACM CSCW Workshop on Redesigning Email for the 21st Century, *Delivered Paper*
- April 2002      **Supporting Coherence with an Instant Messenger Visualization**, ACM CHI Workshop on Discourse Architectures, *Delivered Paper*

**Internal Presentations and Talks**

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- October 2019    **Next Generation 9-1-1**, Research Colloquium, SIAT, Simon Fraser University, *Invited Talk*.
- February 2019   **Connecting People Over Distance**, Research Colloquium, SIAT, Simon Fraser University, *Invited Talk*.
- October 2015    **Escape Rooms**, Research Colloquium, SIAT, Simon Fraser University, *Invited Talk*.
- October 2014    **The Future of Telepresence**, Research Colloquium, SIAT, Simon Fraser University, *Invited Talk*.
- October 2013    **Connecting Families Over Distance through Location-Based Games**, Research Colloquium, SIAT, Simon Fraser University, *Invited Talk*.
- October 2012    **Connecting Families Over Distance**, Research Colloquium, SIAT, Simon Fraser University, *Invited Talk*.

- January 2012 **Intimacy in Long Distance Relationships over Video Chat**, Research Colloquium, SIAT, Simon Fraser University, *Invited Talk*.
- October 2010 **Connecting Families**, Research Colloquium, SIAT, Simon Fraser University, *Invited Talk*.
- January 2005 **Interpersonal Awareness**, University of Calgary, Dept. Computer Science, Graduate Student Seminar Series.

**Awarded Research Grants**

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- 2020 **Motorola**, Sponsored research grant  
Valued at \$38,000 CND
- 2018-2019 **SSHRC Partnership Engage Grant**, Design and Workflow for Next Generation 911 Video Calling, Valued at \$24,984 CND
- 2018 **SFU/SSHRC Small Research Grant**, Operational Workflows for Next Generation 911 Video Calling  
Valued at \$7,000 CND
- 2016-2021 **Natural Sciences and Engineering Research Council, Discovery Grant**, Supporting Shared Family Experiences with Mobile Media Spaces  
Valued at \$38,000 CND per annum from 2016-2021, total \$190,000
- 2016-2019 **Natural Sciences and Engineering Research Council, Accelerator Award**  
Valued at \$40,000 CND per annum from 2016-2019, total \$120,000
- 2018 **Natural Sciences and Engineering Research Council, Engage**, Contextual Shopping in Smart Home Environments, with Best Buy  
Valued at \$25,000 CND
- 2017 **Natural Sciences and Engineering Research Council, Engage**, Communication and Interaction Design for Chronic Health Situations, with Curatio  
Valued at \$24,960 CND
- 2015 **Natural Sciences and Engineering Research Council, Engage**, Interactive Public Displays for Community Engagement, with TransLink  
Valued at \$24,971 CND
- 2015 **Natural Sciences and Engineering Research Council, Engage**, Wearable Devices for Workplace Collaboration and Awareness, with Samsung  
Valued at \$24,918 CND
- 2014 **Natural Sciences and Engineering Research Council, Engage**, Persistent Household Displays for Family Information Presentation, with chART Projects  
Valued at \$24,822 CND
- 2014 **Natural Sciences and Engineering Research Council, Engage**, Online Analytics for Tumblr Fandoms, with HootSuite  
Valued at \$24,962 CND
- 2014 **GRAND Network of Centres of Excellence (NCE), CONNECT, KIDZ, NMSL**  
Valued at \$30,000 CND
- 2013-2014 **GRAND Network of Centres of Excellence (NCE), DIGIKIDZ**  
Valued at \$8,500 CND
- 2013-2014 **SFU VP Research SSHRC 4A**, Designing Scalable Location-Based Games for Sharing Experiences  
Valued at \$10,000 CND
- 2013-2014 **GRAND Network of Centres of Excellence (NCE), GAMFIT, AFEVAL, DIGIKIDZ, HCTSL, CPRM**  
Valued at \$21,000 CND
- 2013 **Natural Sciences and Engineering Research Council, Engage**, Advanced Video Communication Systems for Families, with Perch Communications Inc.

Valued at \$24,990 CND

- 2012-2013 **GRAND Network of Centres of Excellence (NCE)**, GAMFIT, AFEVAL, DIGIKIDZ, HCTSL  
Valued at \$20,000 CND
- 2011-2015 **Natural Sciences and Engineering Research Council, Discovery Grant**, Supporting Awareness and Interaction through Domestic Media Spaces  
Valued at \$20,000 CND per annum from 2011-2015, total \$100,000
- 2011-2013 **Social Sciences and Humanities Research Council, Insight Development**, Community Creation of Digital Media for Pervasive Games, Co-Applicant: Ron Wakkary  
Valued at \$67,950 CND in total over two years
- 2011-2012 **GRAND Network of Centres of Excellence (NCE)**, GAMFIT and AFEVAL  
Valued at \$15,000 CND
- 2010 **Simon Fraser University, President's Research Startup Grant** for studying family awareness and communication.  
Valued at \$50,000 CND, one time

### Awards

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- 2020 **SFU Nominee for the Royal Society of Canada, College of New Scholars**
- 2019 **SFU Nominee for NSERC E.W.R. Steacie Fellowship**, in the National competition I was ranked 19 of 76 (only 6 awards were given out)
- 2019 **Excellent Service Award** for Technical Program Co-Chair, ACM Designing Interactive Systems (DIS) Conference
- 2018 **Honorable Mention for Best Paper**, at ACM CHI 2018, The Benefits and Challenges of Video Calling for Emergency Situations, Top 5% of papers
- 2018 **Honorable Mention for Best Paper**, at ACM CHI 2018, Practices and Technology Needs of Rural Farmers in Kenya, Top 5% of papers
- 2017 **Honorable Mention for Best Paper**, at ACM CHI 2017, Why Tangibility Matters: A Design Case Study of At-Risk Children Learning to Read and Spell, Top 5% of papers
- 2016 **Honorable Mention for Best Paper**, at ACM DIS 2016, The Frustrations and Benefits of Mobile Device Usage in the Home when Co-Present with Family Members, Top 5% of papers
- 2016 **Honorable Mention for Best Paper**, at ACM CHI 2016, Human Proxies for Remote University Classroom Attendance, Proceedings of ACM Conference on Computer Human Interaction, Top 5% of papers
- 2014 **Honorable Mention for Best Paper**, at ACM CSCW 2014, Collaboration Surrounding Beacon Use During Companion Avalanche Rescue, Top 5% of papers
- 2007 **Best Student Paper Award**, at Graphics Interface 2007, Top 1% of papers
- 2006 **Honorable Mention for Best Paper**, at ACM CHI 2006, "LINC-ing" the Family: The Participatory Design of an Inkable Family Calendar, Top 5% of papers
- 2005 **Alberta Ingenuity Scholarship** for research and course excellence.  
Valued at \$22,000 CND per annum (without other major scholarship) plus \$1500 CND per annum research allowance, for a duration of five years.
- 2004 **NSERC PGS-D Scholarship** for research and course excellence.  
Natural Sciences and Engineering Research Council, Canada  
Valued at \$21,000 CND per annum for a duration of two years.
- 2004 **iCORE Graduate Student Scholarship** for research and course excellence.  
Informatics Circle of Research Excellence, Canada  
Valued at \$15,000 CND per annum for a duration of two years.

2005	<b>University of Calgary, Graduate Students' Association Distinction Award</b> for community service. Valued at \$1000 CND.
2004	<b>University of Calgary, Dean's Research Excellence Award</b> for research potential and excellence. Valued at \$3000 CND.
2003	<b>Telecommunication Research Labs, TR Labs Research Scholarship</b> for research excellence. Valued at \$12,000 CND per annum for a duration of 2 years.
2003	<b>University of Calgary, Dean's Entry Award</b> for research potential. Valued at \$6000 CND.

### Organizational Memberships

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2008 - Present	<b>Special Interest Group on Computer-Human Interaction (SIGCHI), ACM</b>
2007 - Present	<b>Association for Computing Machinery (ACM)</b>
2004 -2005	<b>Computer Science Graduate Society, President, University of Calgary</b>
2003 -2004	<b>Computer Science Graduate Society, VP Academic, University of Calgary</b>
2003 -2004	<b>Graduate Students' Association, Academic Standing Committee, University of Calgary</b>
1997 -1998	<b>Residence Computing Support, University of Calgary</b>

### Community

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I am an active member of the community in which I live in Maple Ridge, BC, Canada. This includes heavy participation in youth soccer programs and administration to build community and foster a life-long appreciation for sports and wellness.

### Volunteer Positions

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2018 - Present	<b>Vice President, Board of Directors, West Coast Auto Group Football Club</b>
Fall 2019	<b>Head Coach, West Coast Auto Group Football Club, U7 Boys</b>
Spring 2019	<b>Head Coach, West Coast Auto Group Football Club, U6 Boys</b>
Spring 2019	<b>Head Coach, West Coast Auto Group Football Club, U10 Girls</b>
Spring 2019	<b>Head Coach, West Coast Auto Group Football Club, U13 Boys</b>
Fall 2018	<b>Head Coach, West Coast Auto Group Football Club, U6 Boys</b>
Fall 2018	<b>Head Coach, West Coast Auto Group Football Club, U10 Girls</b>
Fall 2018	<b>Head Coach, West Coast Auto Group Football Club, U13 Boys</b>
Spring 2018	<b>Board of Directors Communications Subcommittee, West Coast Auto Group Football Club</b>
Spring 2018	<b>Head Coach, West Coast Auto Group Football Club, U5 Boys</b>
Spring 2018	<b>Head Coach, West Coast Auto Group Football Club, U9 Girls</b>
Spring 2018	<b>Head Coach, West Coast Auto Group Football Club, U12 Boys</b>
Fall 2017	<b>Head Coach, West Coast Auto Group Football Club, U5 Boys</b>
Fall 2017	<b>Head Coach, West Coast Auto Group Football Club, U9 Girls</b>
Fall 2017	<b>Head Coach, West Coast Auto Group Football Club, U12 Boys</b>
Spring 2017	<b>Head Coach, West Coast Auto Group Football Club, U9 Girls</b>
Spring 2017	<b>Head Coach, West Coast Auto Group Football Club, U11 Boys</b>
Fall 2016	<b>Assistant Coach, West Coast Auto Group Football Club, U11 Boys</b>
Fall 2016	<b>Head Coach, West Coast Auto Group Football Club, U8 Girls</b>
Spring 2016	<b>Head Coach, West Coast Auto Group Football Club, U11/U12 Boys</b>
Spring 2016	<b>Head Coach, West Coast Auto Group Football Club, U8 Girls</b>
Fall 2015	<b>Head Coach, West Coast Auto Group Football Club, U7 Girls</b>
Spring 2015	<b>Head Coach, West Coast Auto Group Football Club, U7 Girls</b>
Fall 2014	<b>Head Coach, West Coast Auto Group Football Club, U6 Girls</b>
Fall 2013	<b>Head Coach, West Coast Auto Group Football Club, U8 Boys</b>
Fall 2012	<b>Head Coach, West Coast Auto Group Football Club, U7 Boys</b>

### Coaching Certifications

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Spring 2018	<b>Making Ethical Decisions, Coaching Association of Canada</b>
Spring 2018	<b>Soccer for Life (U13-U18), BC Soccer</b>
Fall 2017	<b>Active Start (U5-U6), BC Soccer</b>
Fall 2016	<b>Learning to Train (U10-U12), BC Soccer</b>
Fall 2016	<b>Fundamentals (U7-U9), BC Soccer</b>