THE UNIVERSITY OF BRITISH COLUMBIA

Curriculum Vitae for Faculty Members

Date: November 2022 **Initials**:

1. **SURNAME**: McGrenere **FIRST NAME**: Joanna
MIDDLE NAME(S): Lynn

2. **DEPARTMENT/SCHOOL:** Computer Science

3. **FACULTY**: Science

4. **PRESENT RANK**: Professor **SINCE**: July 1, 2013

5. **POST-SECONDARY EDUCATION**

University or Institution	Degree	Subject Area	Dates
University of Toronto	PhD	Computer Science	2002
University of British Columbia	MSc	Computer Science	1996
University of Western Ontario	BSc	Computer Science	1993

Special Professional Qualifications

6. **EMPLOYMENT RECORD**

(a) Prior to coming to UBC + overlapping with UBC

University, Company or Organization	Rank or Title	Dates
Inria and Université de Paris Sud	International Research Chair	2017 – present
University of Toronto	Teaching Assistant	1996 – 1999
IBM Toronto Lab	Researcher	1997 – 1997
University of British Columbia	Teaching Assistant	1995 – 1996
IBM Canada	Programmer/Analyst	1993 – 1994
University of Western Ontario	Teaching Assistant	1992 – 1993
Ontario Hydro	System Administration	1991, 1992 (summers)

(b) At UBC

Rank or Title	Dates
Professor	July 2013 – ongoing
Associate Head Graduate Affairs	July 2013 – June 2015
Associate Professor	July 2008 – June 2013
Assistant Professor	July 2002 – June 2008

(c) Date of granting of tenure at UBC: July 2008

7. LEAVES OF ABSENCE

University, Company or Organization at which Leave was taken	Type of Leave	Dates
University of Toronto	Sabbatical (study leave)	Sept 2022 – Aug 2023
Inria, Paris Saclay	Sabbatical (study leave)	Sept 2015 – Aug 2016
IBM, Centre for Advanced Studies, Toronto	Sabbatical (study leave)	Sept 2008 – Aug 2009
Leave taken from UBC	Maternity Leave	Sept 2007 – Feb 2008
Leave taken from UBC	Maternity Leave	Oct 2004 – Apr 2005

8. TEACHING

(a) Areas of special interest and accomplishments

2017- Designing for People NSERC CREATE funded new grad enrichment program. We were awarded a CREATE (MacLean PI) to offer a new grad enrichment program in Designing for People. I am the Curriculum Lead. 544-new "Fundamentals in Designing Interactive Computational Technology for People" is the first of two core courses in the program. It largely rebooted 544 from scratch (which has been cross-listed with 344 for at least 5 years). 554K is the second of the two core courses "Designing for People – Project," which is a unique outward facing course where small teams of MSc and PhD students apply the methods they've learned in 554-new on a project proposed by one of our course partners, who come form industry, government, or not-for profit. My role in this course has been to provide input/guidance to the instructional team on the structuring and running of this course, to secure some of the first industry project mentors, to work closely with one of those mentors to tune project ideas, and to serve as a DFP faculty project mentor to one team (Mozilla) throughout the full offering of the course.

2015-17 Revamp of CPSC 444. In the summer of 2015 I worked with Jessica Dawson to revamp CPSC 444 – we focused on reducing the contact hours to 4 hours per week from 6, flipping the classroom to include significant class activities, and adding prep quizzes. Dawson taught the first offering of the revised 444 (Jan 2016), and then I took over starting in Jan 2017, doing a smoothing pass in my first run.

2005-06 Introduction of the HCI Learning Studio. In parallel to the above, I created together with MacLean the department's new undergrad HCI Learning Studio. This studio follows a radically different model than traditional CS undergrad labs in its support of team-based learning processes, design artifacts creation, and the HCI design process more generally. In addition to securing funding from our department, MacLean and I were awarded a UBC TLEF grant to further equip the new studio and to fund some of the CPSC 344 & 444 course development.

2004-07 revisions to CPSC 444 and introduction of CPSC 344. The original version of the introductory ugrad course CPSC 444 required partial revision before I taught it in 2004. During 2004-07, I completely overhauled the entire ugrad HCI curriculum together with Karon MacLean. This involved moving the introductory HCI course to a 3rd year level (CPSC 344) and turning CPSC 444 into Advanced Methods in HCI. I led the new CPSC 444 development.

2002 Revamp of CPSC 544. In 2002 I fully re-designed the grad course CPSC 544. The course structure, every lecture, and all the assignments were new.

(b) Courses Taught at UBC

CPSC 110	Computation, Programs, and Programming
CPSC 444 (new in 2007)	Advanced Methods for Human Computer Interaction (ugrad)
CPSC 444 (old)	Human Computer Interaction (ugrad)
CPSC 544-*new* (in 2017)	Designing For People (DFP) -Fundamentals in Designing Interactive Computational Technology for People (HCI)
CPSC 544	Human Computer Interaction (grad)
CPSC 554m	Topics in HCI – Universal Usability, CSCW, and Personalization

	CPSC 590		Research Methods in Computer Science (grad)					
Session	**Course Number**	**Scheduled Hours/ week**	**Class Size**	**Hours Taught**				**UBC Student**
				Lectures	**Tutorials**	**Labs**	**Other**	**Eval (/5)***
2020-21 T2	CPSC 444	2hrs/wk	36	2hrs/wk	-	16 hrs		TBA
2021-22 T1	CPSC 110	3hrs/wk	207	3hrs/wk	-			4.7
2020-21 T2	CPSC 444	2hrs/wk	25	2hrs/wk	-	16 hrs		4.70
2020-21 T1	CPSC 110	3hrs/wk	260	3hrs/wk	-	-		4.34
2019-20 T1	CPSC 444	2hrs/wk	30	2hrs/wk	-	20 hrs		4.64
2019-20 T1	CPSC 544	3hrs/wk	16	3hrs/wk	-	-	-	4.22
2018-19 T2	CPSC 444	2hrs/wk	33	2hrs/wk	-	20 hrs		4.63
2018-19 T1	CPSC 544	3hrs/wk	20	3hrs/wk	-	-	-	4.92
2017-18 T2	CPSC 444	2hrs/wk	45	2hrs/wk		20 hrs		4.4
2017-18 T1	CPSC 544- ***new***	3hrs/wk	21	3hrs/wk	-	-	-	4.8
2016-17 T2	CPSC 554m	3hrs/wk	8	3hrs/wk	-	-	-	4.7
2016-17 T2	CPSC 444	2hrs/wk	49	2hrs/wk	-	20 hrs	-	4.1
2015-16 (sabbatical)								
2014-15 T2	CPSC 554m	3hrs/wk	14	3hrs/wk	-	-	-	4.8
2013-14 T2	CPSC 444	2hrs/wk	30	2hrs/wk	-	16 hrs	-	4.4
2013-14 T2	CPSC 554m	2hrs/wk	3	2hrs/wk	-	-	-	n/a***
2012-13 T2	CPSC 554m	3hrs/wk	8	3hrs/wk	-	-	-	4.8
2012-13 T1	CPSC 110	3hrs/wk	110/31	3hrs/wk	-	-	-	4.1 / 4.7**
2011-12 T2	CPSC 444	2hrs/wk	21	2hrs/wk	-	12 hrs	-	4.4
2011-12 T1	CPSC 110	3hrs/wk	136	3hrs/wk	-	-	-	4.2
2010-11 T2	CPSC 444	2hrs/wk	13	2hrs/wk	-	12 hrs	-	4.8
2010-11 T2	CPSC 554m	3hrs/wk	10	3hrs/wk	-	-	-	4.7
2009-10 T2	CPSC 444	2hrs/wk	33	2hrs/wk	-	12 hrs	-	3.94
2009-10 T1	CPSC 544	3hrs/wk	17	3hrs/wk	-	-	-	4.47
2008-09 (sabbatical)								
2007-08 (maternity leave)								
2006-07 T2	CPSC 444	2hrs/wk	18	2hrs/wk	-	10 hrs	-	4.31
2006-07 T1	CPSC 544	3hrs/wk	19	3hrs/wk	-	-	-	4.66
2005-06 T2	CPSC 444	3hrs/wk	45	3hrs/wk	-	10 hrs	-	4.05
2005-06 T1	CPSC 544	3hrs/wk	17	3hrs/wk	-	-	-	4.68
2004-05 (maternity leave)								
2003-04 T2	CPSC 444	3hrs/wk	52	3hrs/wk	-	10 hrs	-	4.02
2003-04 T1	CPSC 590	3 hrs	30	3 hrs			1 assn.	-
2003-04 T1	CPSC 544	3hrs/wk	20	3hrs/wk	-	-	-	4.77
2002-03 T1	CPSC 544	3hrs/wk	16	3hrs/wk	-	-	-	4.25

* refers to the question on "Overall teaching effectiveness"
** two sections taught in same time slot
*** student evals not done for classes of less than 5 students

Undergraduate Courses Involving Individual Supervision:

Student	**Terms**	**Project**	**Original Employment**
Undergraduate Research Project in Cognitive Systems (COGS 400/402)			
Edward Lin	2020-21 T2	Mental Health and Interactive Technology	Summer RA with me

Joseph Merced	2020-21 T2	Mental Health and Interactive Technology	TBD
Shalini Mohan	2019-20 T2	Mental Health and Interactive Technology	MBA UBC
Sandra Yuen	2007-08 T1	Aphasia Project	Continuing ugrad student
Undergraduate Honours Thesis (CPSC 449)			
Kimberly Tee	2003–04 T2	Aphasia Project	Continued to MSc
Undergraduate Directed Studies Students (CPSC 448)			
Janet Chen	2019-20 T2 & T2	Personal data management	Continuing to PhD
Helen Yin (Khine Htwe)	2017S	Help Kiosk	Programmer TD Securities
Zack Wilson	2017S + 2017-18 T1	Help Kiosk	Continuing student
Joshua (Kevin) Budiman	2013-14 T2	C-TOC	Continued to USRA
Sandy Fang	2013-14 T1	C-TOC	eventbase
Jessica Dawson	2009-10 T1 & T2	Personalization	Continuing student
Justine Yang	2008-09 T2	Aphasia Project	
Sarah Yang	2002–03 T2	Aphasia Project	Electronic Arts
Undergraduate Project Course (Electrical and Computer Engineering 496)			
Eve Macgregor	2003–04 T1	Aphasia Project	Continued to MSc

(c) Graduate Students Supervised

Start dates reflect when students began working with me, not necessarily when they began their degree.

Student Name	Program Type	Year		Principal Supervisor	Co-Supervisor(s)
		Start	Finish		
Ishita Haque	MSc	2022	in progress	J. McGrenere	
Zhe Liu	PhD Track	2022	in progress	J. McGrenere	C. Conati
Elise Shen	MSc	2021	in progress	J. McGrenere	
Mui Tanprasert	PhD	2021	in progress	J. McsGrenere	
Sang-Wha Sien	PhD	2019	in progress	J. McGrenere	
Kevin Chow	PhD	2019	in progress	J. McGrenere	T. Fritz
Arya Rashtchian	MSc – breadth	2019	2020	J. McGrenere	L. Segal
Yelim Kim	MSc	2018	2020	D. Yoon	J. McGrenere
Shareen Mahmud	MSc	2017	2019	J. McGrenere	
Hayley Guillou	MSc	2017	2020	J. McGrenere	T. Fritz (U Zurich)
Taslim Arefin Khan	MSc	2017	2019	J. McGrenere	D. Yoon
Laton Vermette	PhD (SFU)	2017	2022	P. Chilana (SFU)	J. McGrenere
Francesco Vitale	PhD	2016	2020	J. McGrenere	W. Odom (SFU)
Izabelle Janzen	PhD	2016	2022	J. McGrenere	
Kamyar Ardekani	PhD	2016	2017 wtd	J. McGrenere	
Antoine Ponsard	MSc	2013	2015	J. McGrenere	
Kailun Zhang	MSc	2013	2015	J. McGrenere	
Kamyar Ardekani	MSc	2013	2016	J. McGrenere	
Matei Negulescu	PhD	2012	2014 wtd	J. McGrenere	
Matt Brehmer	PhD	2011	2016	T. Munzner	J. McGrenere
Mona Haraty	PhD	2011	2016	J. McGrenere	
Juliette Link	MSc	2011	2013	J. McGrenere	K. Booth
Jessica Dawson	MSc	2011	2013	J. McGrenere	T. Munzner
Shathel Haddad	MSc	2011	2013	J. McGrenere	
Diane Tam	MSc	2010	2012	K. MacLean	J. McGrenere
Gokhan Himmetoglu	MSc - 6 credit	2009	2011	K. MacLean	J. McGrenere

Student Name	Program Type	Year		Principal Supervisor	Co-Supervisor(s)
		Start	Finish		
Gordon (Jih-Shiang) Chang	MSc - breadth	2009	2011	J. McGrenere	K. MacLean
Amirhossein Mehrabian	MSc - breadth	2009	2011	J. McGrenere	
Mohan Raj Rajamanickam	MSc	2009	2011	J. McGrenere	
Matt Brehmer	MSc	2009	2011	J. McGrenere	C. Jacova
Tom Hazelton	MSc	2008	2010	K. MacLean	J. McGrenere
Jeff Hendy	PhD	2010	2010 wtd	J. McGrenere	K. Booth
Rock Leung	PhD	2006	2011	J. McGrenere	P. Graf
Karyn Moffatt	PhD	2004	2010	J. McGrenere	
Jeff Hendy	MSc	2007	2009	J. McGrenere	K. Booth
Leah Findlater	PhD	2004	2009	J. McGrenere	
Yamin Htun	MSc	2005	2007	J. McGrenere	K. Booth
Meghan Allen	MSc	2004	2006	J. McGrenere	
Jennifer Gluck	MSc	2004	2006	J. McGrenere	
Andrea Bunt	PhD	2003	2007	C. Conati	J. McGrenere
Adam Bodnar	MSc	2003	2006	T. Munzner	J. McGrenere
Dmitry Nekrasovski	MSc	2003	2006	J. McGrenere	T. Munzner
Qixing Zheng	MSc	2003	2005	J. McGrenere	K. Booth
Andrew Chan	MSc	2002	2004	J. McGrenere	K. MacLean
Rhian Davies	MSc	2002	2004	J. McGrenere	
Leah Findlater	MSc	2002	2004	J. McGrenere	
Karyn Moffatt	MSc	2002	2004	J. McGrenere	M. Klawe

Note on co-supervision
Approximately 25% of my graduate students were (or are) co-supervised. For most (except Vermette, Kim, and Hazelton), I have played an equal or a greater role in their supervision than the other co-supervisor(s). Where the co-supervision relationship has truly been one of joint-supervision, involving roughly equal intellectual contribution and time from both co-supervisors, I use grey shading.

In general, my philosophy of supervision is that co-supervision with another faculty collaborator is a direct benefit to the student. HCI is a highly multi-disciplinary field and co-supervision is common. Although I find that co-supervision typically requires as much of my time as sole supervision, establishing a culture of collaboration has long-term benefits for both my students and me.

(d) Graduate Supervisory Committees

Start dates reflect when I joined students' committees, not necessarily when they began their degree.

Student Name	Prgm Type	Year		Principal Supervisor	Co-Supervisor(s)
		Start	Finish		
Preeti Vyas	PhD	2021	ongoing	K. MacLean (UBC, CS)	
Mint Tanprasert	PhD-Track	2020	ongoing	D. Yoon (UBC, CS)	
Michael Oppermann	PhD	2018	2021	T. Munzner (UBC, CS)	
Stephen Kasica	PhD	2019	ongoing	T. Munzner (UBC, CS)	
Nick Bradley	PhD	2019	ongoing	R. Holmes (UBC, CS)	
Omar Alomeir	PhD	2018	ongoing	R. Pottinger (UBC, CS)	
Boris Dalstein	PhD	2014	2017	M. van de Panne (UBC, CS)	
Samad Kardan	PhD	2011	2017	C. Conati (UBC, CS)	
Noreen Kamal	PhD	2010	2013	S. Fels (UBC, ECE)	

Student Name	Prgm Type	Year		Principal Supervisor	Co-Supervisor(s)
		Start	Finish		
Peter McLachlan	PhD	2007	2010	T. Munzner (UBC, CS)	
Heidi Lam	PhD	2006	2008	T. Munzner (UBC, CS)	
Dave Ternes	MSc	2007	2007	K. MacLean (UBC, CS)	
Hiroe Li	MSc	2005	2007	P. Graf (UBC, Psych)	
Saleema Amershi	MSc	2005	2006	C. Conati (UBC, CS)	
Shirley Gaw	PhD	2004	2004	M. Klawe (Princeton, CS)	
Colin Swindells	PhD	2003	2007	K. MacLean (UBC, CS)	K. Booth (UBC, CS)
Kasia Muldner	PhD	2003	2007	C. Conati (UBC, CS)	
Iman Brouwer	MSc	2003	2004	K. MacLean (UBC, Mech Eng)	
Mark Hancock	MSc	2002	2004	K. Booth (UBC, CS)	
Tim Beamish	MSc	2002	2003	K. MacLean (UBC, CS)	
Fang Gao	MSc	2002	2003	C. Conati (UBC, CS)	

UBC PhD Thesis University Examiner

Student Name	Department	Year	Principal Supervisor	Co-Supervisor(s)
Mahsa Khalili	Mech	2021	M. van der Loos	
Jill Dosso	Psychology	2020	A. Kingstone	
Primal Wijesekera	ECE	2018	K. Beznosov	Serge Engelman
Ajung Moon	Mech	2017	E. Croft & M. van der Loos	
Joey Chisholm	Psychology	2014	A. Kingstone	
Pooja Viswanathan	CS	2012	A. Mackworth	J. Little
Ali Dashti	Sauder	2010	I. Benbesat	
Tony Tang	ECE	2009	S. Fels	

UBC MSc Thesis Second Reader / Examiner

Student Name	Department	Year	Principal Supervisor	Co-Supervisor(s)
Frances Sin	CS	2021	D. Yoon	
Mohi Reza	CS	2020	D. Yoon	
Melsa Smith	CS	2013	R. Pottinger	
Yasaman Sefidgar	CS	2012	K. MacLean	
Alex Bradley	CS	2011	G. Murphy	
Micheal Ilich	ECE	2009	S. Fels	
Izzet Safer	CS	2007	G. Murphy	
Gene Zhenyu Song	CS	2002	M. Klawe	

External MSc Thesis Second Reader / Examiner

Student Name	Department	Year	Principal Supervisor	Co-Supervisor(s)
Mohsen Kamalzadeh	CS, SFU	2013	T. Möller	

Supervision of Visiting Graduate Students

Student Name	Program Type	Duration	Principal Supervisor	Co-Supervisor(s)
Xiaojuan Ma	PhD	Summer 2007	P. Cook (Princeton, CS)	
Shirley Gaw	PhD	Summer 2004	M. Klawe (Princeton, CS)	

Advising/Supervision of Graduate Students during my Sabbatical and Inria International Chair

During my sabbatical (2015-16) and as part of my Inria International Chair (for which I am spending 12 months over a 5-year period at Inria, 2017-2022) I work very closely with the Inria graduate students, tantamount to supervision. This involves weekly meetings while I am in France and mentoring through co-author papers and beyond when back in Canada.

Student Name	Program Type	Duration	Principal Supervisor	Unofficial Co-Supervisor
Yi Zhang	Masters -> PhD	2018 – 2021 (wtd)	W.E. Mackay (Inria)	J. McGrenere
Carla Griggio	PhD	2015 – 2018	W.E. Mackay (Inria)	J. McGrenere
Francesco Vitale	MSc	2015 – 2016	W.E. Mackay (Inria)	J. McGrenere
Ghita Jalal	PhD	2015 – 2016	W.E. Mackay (Inria)	J. McGrenere

Supervision of Postdoctoral Researchers

Postdoc Name	Program Type	Duration	Principal Supervisor	Co-Supervisor(s)
Emmanouil Giannisakis	Postdoc	2019 - 2021	J. McGrenere	
Sabrina Hauser	Postdoc	2018 - 2019	J. McGrenere	K. MacLean
Jessalyn Alvina	Postdoc	2018 - 2020	J. McGrenere	
Leila Aflatoony	Postdoc	2017 - 2018	J. McGrenere	K. MacLean
Sung-Hee Kim	Postdoc	2014 – 2015	J. McGrenere	
Charlotte Tang	Postdoc	2010 - 2012	J. McGrenere	

(e) Continuing Education Activities

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

(g) Other

Guest lecturer, Inria, France, HCI Masters Class, Jan 11, 2016
Guest lecturer, CPSC 349, Honours Seminar, Term 1, 2010 – 2011
Guest lecturer, CPSC 349, Honours Seminar, Term 2, 2009 – 2010
Guest lecturer, CPSC 349, Honours Seminar, Term 1, 2006 – 2007
Guest lecturer, CPSC 349, Honours Seminar, Term 2, 2003 – 2004
Guest lecturer, CPSC 349, Honours Seminar, Term 2, 2002 – 2003
Created and lead the Interaction Design Reading Group, weekly meetings, 2002 – ongoing

Undergraduate Co-Op, Summer Students and Research Assistants:

Student	Dates	Project	Original Employment
Edward Lin	05/21 – 08/21	Mental Health and Interactive Technology	Applying to grad schools

Janet Chen	05/20 – 08/20	Personal Data Management (NSERC USRA)	Cornell PhD
Kevin Chow	05/19 – 08/19	Time Well Spent	UBC PhD Track
Zack Wilson	01/18 – 08/18	Help Kiosk	Grad school in Europe
Helen Yin	09/17 – 08/18	Help Kiosk	TD Securities
Frederic Ren	05/14 – 08/14	Adaptive interface for older adults	Continuing at Stanford
Kevin Budiman	05/14 – 08/14	C-TOC	Continuing at UCL
Larissa Leong	05/13 – 08/13	C-TOC	Continuing (LLB) at UBC
Kanupriya	05/11 – 07/11	Elder HCI (Globalink student)	Continuing Student
Jessica Dawson	05/11 – 08/11	Personalization (NSERC USRA)	Continuing Student
Carmen Li	12/10 – 04/11	C-TOC	IBM
Hyunsoo Lee	05/10 – ongoing	C-TOC	Continuing Student
Jessica Dawson	05/10 – 08/10	Personalization (NSERC USRA)	Continuing Student
Jessica Dawson	05/08 – 08/08	Personalization	Continuing Student
Juliette Link	01/10 – 09/10	Personalization	Continuing Student
Vilia Ingriany	01/10 – 09/10	Older Users	SAP
Justine Yang	05/08 – 08/08	Aphasia Project (NSERC USRA)	Continuing Student
Sandra Yuen	01/08 – 04/08	Aphasia Project	Continuing Student
Kim Tee	05/04 – 08/04	Aphasia Project (NSERC USRA)	Continuing Student

9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

(a) Areas of special interest and accomplishments

My research is in the area of Human-Computer Interaction (HCI). HCI is a broad multi-disciplinary field involving researchers from many fields, which include: computer science, psychology, cognitive science, sociology, mechanical and industrial engineering, and management information systems. My focus within HCI is on interface design, user interface personalization, universal usability, designing technology for people with cognitive disorders, qualitative and quantitative evaluation methodologies, and computer supported cooperative work.

(b) Research or equivalent grants (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))

The percentage of a grant allocated for my research is indicated in brackets below the dollar figure.

Granting Agency	Subject	COMP	$ Per Year	Year	Principal Investigator	Co-Investigator(s)
Reality Labs Research (Meta/Facebook)	[anything I want]	NC	$30,000 (100%)	2022	J. McGrenere	
UBC VPRI Research Excellence Clusters	Designing for People Cluster in Interactive Computational Technology	C	$200,000 (5%)	2022/ 23	K. MacLean	J. McGrenere & ~18 others
NCE AGE-WELL	Inclusive Interactive Apps to Reduce Older Adults' Social Isolation and Digital Marginalization	C	$575,000 (20%)	2020	C. Munteanu	J. McGrenere & 3 others

UBC VPRI Research Excellence Clusters	Designing for People Cluster in Interactive Computational Technology	C	$200,000 (5%)	2020/ 21	K. MacLean	J. McGrenere & ~18 others
NCE AGE-WELL	Inclusive Interactive Apps to Reduce Older Adults' Social Isolation and Digital Marginalization	C	$30,000 (20%)	2019	C. Munteanu	J. McGrenere & 3 others
UBC VPRI Research Excellence Clusters	Designing for People Cluster in Interactive Computational Technology	C	$200,000 (5%)	2018	K. MacLean	J. McGrenere & ~18 others
NCE AGE-WELL	Improving the Learnability and Usability of Smartphones for Older Adults (Samsung R&D Canada is industry partner)	C	$45,000 (95%)	17-18	J. McGrenere	K. Moffatt
UBC VPRI Research Excellence Clusters	Designing for People Cluster in Interactive Computational Technology	C	$200,000 (10%)	2017	K. MacLean	J. McGrenere & 14 others
UBC VPRI Research Facility Support Grant	The Interactive Multimedia Lab	C	$25,000 (10%)	2017	K. MacLean	J. McGrenere and 6 others
Mitacs Accelerate	Investigating How Teachers Learn and Customize Digital Classroom Tools (Microsoft Vancouver is industry partner)	C	$30,000 (50%)	17-18	P. Chilana	J. McGrenere
NSERC Strategic Partnerships Grant	Making it personal: tools and techniques for fostering effective user interaction with feature-rich software (Microsoft Vancouver and Autodesk Research are industry partners)	C	$124,850 $198,000 $166,800 (33%)	17-18 18-19 19-20	J. McGrenere	P. Chilana A. Bunt
NSERC Discovery Grant	Highly Personalized User Interfaces	C	$50,000 $50,000 $50,000 $50,000 $50,000 (100%)	17-18 18-19 19-20 20-21 21-22	J.McGrenere	
NSERC CREATE	Designing for People (DFP): Cross disciplinary Program in Interactive Computational Technology	C	$150,000 $300,000 $300,000 $300,000 $300,000 $300,000 (10%)	17-18 18-19 19-20 20-21 21-22 22-23	K. MacLean	J. McGrenere & 9 others

UBC VPRI Research Excellence Clusters	Designing for People Cluster in Interactive Computational Technology	C	$100,000 (10%)	2016	K. MacLean	J. McGrenere & 9 others
UBC Killam Faculty Research Fellowships	Personalization through Co-Adaptive Human-Computer Interaction	C	$18,000 (100%)	2015	J. McGrenere	
Microsoft Research Software Engineering Innovation Fund (SEIF)	Adaptive Touch Targeting for Mobile Devices: Supporting Users Across the Adult Lifespan	C	$25,000 (100%)	13-14	J. McGrenere	
NSERC Discovery Accelerator Supplements (DAS)	Design of Information Computing Technology for Older Adults	C	$40,000 $40,000 $40,000 (100%)	12-13 13-14 14-15	J. McGrenere	
NSERC Discovery Grant	Design of Information Computing Technology for Older Adults	C	$42,000 $42,000 $42,000 $42,000 $42,000 (100%)	12-13 13-14 14-15 15-16 16-17	J. McGrenere	
NCE	GRAND – Graphics, Animation and New Media, 3 projects: 1. Personalized User Interfaces and Learnability (PERUI) 2. Accessibility of New Media for Disabled, Elderly, and Vulnerable Individuals (INCLUDE) 3. Children's Digital Culture: Connecting, Communicating and Collaborating in a Digital World (DIGIKIDZ)	C	For projects: $100,000 (13%) $100,000 (13%) $100,000 (13%) (* see Note1 in Section 13)	10-11 11-12 12-13 13-14 14-15	K.S. Booth	~65 Network Investigators + up to 50 Collaborating Researchers
Microsoft Research	DIGIKIDZ (see above)		$20,000 (* see Note2 in Section 13)	12-13	J. McGrenere	Alissa Antle
PWIAS	Early Career Scholars Program	C	$10,000 (100%)	2010	J. McGrenere	
Google	Google Android Phones – Designing and Evaluating Novel Smartphone Applications Using Advanced HCI Methodology	NC	$4,908 (100%)	2010	J. McGrenere	
IBM	IBM Faculty Award: Smart Internet	NC	$10,000 (100%)	09-10	J. McGrenere	

CIHR Catalyst Grant: Pilot Projects in Aging	Development of a Computer-Based Screening Test to Support the Evaluation of Cognitive Impairment and Dementia in British Columbia	C	$50,000 (20%)	09-10	C. Jacova	J. McGrenere R. Hsuing B.L. Beattie H. Feldman
NSERC Strategic Projects	HALO: Transparent Guidance of Networked Interactions Through a Haptic-Affect Loop	C	$150,000 $164,500 $166,500 (33%)	08-09 09-10 10-11	K. MacLean	E. Croft J. McGrenere
CIHR Pillars III & IV Development Seed Funding	Development of a Computer-based Screening Test to Support Evaluation for Cognitive Impairment and Dementia in BC	C	$5,000 (33%)	08	C. Jacova	R. Hsuing J. McGrenere
Microsoft	Mixed-initiative Visual Vocabulary Application for People with Aphasia	C	$50,000 (24%)	08	P. Cook	J. McGrenere
Nokia	Improving the learnability of mobile applications for older people using multi-layered interfaces	C	$5,000	08	J. McGrenere	
NSERC Discovery Grant	Design and Evaluation of Adaptive and Adaptable Information Technology	C	$30,000 $30,000 $30,000 $30,000 $30,000 (100%)	07-08 08-09 09-10 10-11 11-12	J. McGrenere	
UBC Teaching and Learning Enhancement Fund	Team Based Learning and Studio Methods in Computer Science	C	$41,217 (50%)	06-07	J. McGrenere K. MacLean	
CIHR Operating	Technology Usability Across the Adult Lifespan	C	$82,000/yr (40%)	05-08	P.Graf	J.McGrenere M. Klawe
NSERC Research Network	NECTAR – Network for Effective Collaboration Technologies through Advanced Research	C	$1.1M/yr (5.5%) (** see note in Section 13)	05-08	R. Baecker	K.S. Booth S. Greenberg C. Gutwin S. Carpendale K. Inkpen E. Toms R. Vertegaal R. Balakrishnan G. Penn K.N. Plataniotis J. McGrenere S. Subramaniam N. Graham
IBM	IBM CAS Fellowship (awarded for Leah Findlater)	C	$20,000 $28,000 $28,000 (100%)	05-06 06-07 07-08	J. McGrenere	

IBM	IBM Faculty Award: Mixed-Initiative Approaches to Managing User Interface Complexity	C	$16,000 USD $23,400 CDN $11,400 CDN (100%)	04-05 05-06 06-07	J. McGrenere	
ICICS, UBC	New Student Support Program (awarded for Rhian Davies)	NC	$3,000 (100%)	04	J. McGrenere	
NSERC Discovery Grant	Adaptive and Adaptable Information Technology	C	$28,000 $28,000 $28,000 $28,000 (100%)	03-04 04-05 05-06 06-07	J. McGrenere	
NSERC RTI (equipment)	Displays of Disparate Resolution and Size	C	$88,332 (33%)	03	T. Munzner	J. McGrenere K. Maclean M. Van de Panne
Hewlett Packard	Aphasia Project	NC	$10,000 (in kind) (50%)	03	M. Klawe	J. McGrenere
UBC Faculty of Science	Aphasia Project	NC	$10,000 (50%)	03	J. McGrenere	M. Klawe
ICICS, UBC	New Student Support Program (awarded for Rhian Davies)	NC	$4,000 (100%)	03	J.McGrenere	
UBC Start-up Funds	Startup Equipment Grant	NC	$60,000 (100%)	02	J.McGrenere	

(c) Research or equivalent contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC).

Granting Agency	Subject	COMP	$ Per Year	Year	Principal Investigator	Co-Investigator(s)
IBM CAS IBM CAS	Visiting Scientist Faculty Fellow	NC NC	$10,000 -	03 - 09 03 - 10	J. McGrenere J. McGrenere	

(d) Invited Presentations (Non-Conference)

Designing for People (DFP) Seminar, Vancouver, BC	2021
Inria, Lille, Loki group (Technology & Knowledge for Interaction), Paris, France	2019
Sorbonne Université, ISIR group (Institut des Systèmes Intelligents et de Robotique), Paris, France	2019
Designing for People Salon, Vancouver BC	2019
Human-Machine Collaboration in Embodied Interaction, Workshop, IRCAM, Paris, France	2018
University of Zurich, Department of Informatics Lecture Series	2016
University of Toronto, DCS50 Celebration of Women in CS, ***keynote***	2015
Inria / Université Paris-Saclay/ SigCHI Paris, France	2015
SFU SIAT, BC	2014
Ayogo, BC	2013
University of Washington, Washington USA	2013
Canadian Association of Gerontology	2012
TorCHI, Toronto local chapter of SIGCHI, University of Toronto, ON	2012
University of Toronto, Department of Computer Science, Toronto, ON	2012
McGill University, School of Information, Montreal, QB	2012
University Waterloo, Department of Computer Science, Waterloo, ON	2012
Nokia, Vancouver, BC	2009
IBM CAS / NSERC Strategic Workshop in Smart Internet Technologies	2009

IBM University Days 2009
TorCHI, Toronto local chapter of SIGCHI, University of Toronto, ON 2009
Queen's University, Department of Computer Science Kingston, ON 2009
University of Waterloo, Department of Computer Science Waterloo, ON 2009
IBM Pacific Development Centre, Software Technology Seminar Series, Vancouver, BC 2007
University of Colorado at Boulder, Science of Learning Conference, Cognitive Science 2006
Sauder Business School, UBC, Vancouver 2006
University of Toronto, Department of Computer Science, Toronto, ON 2006
IBM Center for Advanced Studies Talk, Toronto, ON 2004, 2005
Princeton University, Department of Computer Science colloquium, Princeton, NJ 2003
IBM's Make It Easy Conference, panel: Autonomic Computing, Toronto, ON 2003
Dalhousie University, Department of Computer Science, Halifax, NS 2002
University of British Columbia, Department of Computer Science, Vancouver, BC 2002
University of Toronto, Department of Computer Science, Toronto, ON 2002
University of Western Ontario, Department of Computer Science, London, ON 2002
Carlton University, Department of Computer Science, Ottawa, ON 2002
York University, Department of Computer Science, Toronto, ON 2002
University of Waterloo, Department of Computer Science Waterloo, ON 2002
University of Calgary, Department of Computer Science, Calgary, AB 2002
University of Saskatchewan, Department of Computer Science, Saskatoon, SK 2002
Microsoft Research, Redmond, WA 2000
IBM User Centered Design Group, Worldwide Webcast, Toronto, ON 2000
Annual General Meeting, Communications and Information Technology Ontario (CITO), Toronto, ON 1999
Nortel Networks, Corporate Design Group, Ottawa, ON 1999
National Research Council of Canada, Ottawa, ON 1999
Annual General Meeting, Communications and Information Technology Ontario (CITO), Toronto, ON 1998

(e) Other Presentations

McGrenere, J. (1998). Presentation at the ACM CHI '98 workshop "Too Much of a Good Thing? Identifying and Resolving Bloat in the User Interface," Los Angeles, CA.
McGrenere, J. and Yoon, D. (2021) Co-host Q&A with Professor Murray Shanahan, scientific advisor of film Ex Machina, DFP & Language Sciences, UBC 2021

(f) Other

Director of Haptok (0961676 B.C. Ltd), startup company 2013-2015
Co-organizer, UBC HCI Demo Reception; promoted UBC's HCI research during the UIST-ICMI'03 conferences; involved 17 UBC faculty from 4 departments, 38 demos and 135 international HCI researchers in attendance 2003

(g) Conference Participation (Organizer, Keynote Speaker, etc.)

Keynote:

International Symposium on Interactive Technology and Ageing Populations (ITAP), keynote 2016
Graphics Interface Conference, keynote speaker 2015

Invited speaker:

Psychology of Technology Institute – New Directions in Research on the Psychology of Technology Conference 2019
Radical Research Summit, Vancouver, BC 2017

Invited panelist:

Radical Research Summit: Industry-Academia Collaboration Opportunities, Challenges, and Tips 2021
Transparency in Qualitative Research: Increasing Fairness in the CHI Review Process, CHI 2020 2020

AGE_WELL NCE ACM, panel on on Ageing Well Across Borders: An International Perspective on Gerontechnology Development	2018
Canadian Celebration of Women in Computing Conference (CAN-CWIC), panel on representation of females in Computer Science programs in Canada	2017

Organizer:

Technical Program Co-Chair, ACM CHI	2020
Program Co-Chair, ACM ASSETS	2018
Papers Co-Chair, ACM CHI	2015
Sub-committee Co-Chair, ACM CHI	2013, 2014
Doctoral Consortium panelist, ACM ASSETS	2012
Student Research Competition Co-Chair, ACM CHI	2009, 2010
Posters Co-Chair, ACM UIST	2004
Conference Organization, ACM UIST	2003
Student Fellows Co-Chair, ACM Conference on Universal Usability (CUU)	2000

Program Committee:

Program Committee, ACM ASSETS	2008, 2013, 2015, 2017, 2021
Associate Chair, ACM CHI	2007, 2009, 2011
Program Committee, ACM IUI	2009
Associate Chair, ACM UIST	2004, 2007*
Program Committee, Graphics Interface	2003, 2004, 2009, 2021, 2022

*Note: I stepped off this committee due to maternity leave in Fall 2007.

(a) Memberships on committees, including offices held and dates

UBC:

DACOPAT (Dean's Advisory Committee on Promotion and Tenure), Faculty of Science	2018, 2019, 2020
External Review Panel – iSchool (SLAIS)	2014
Search Committee – Canada Excellence Research Chair (CERC) in Digital Media	2013

Departmental:

Peer Eval	2019, 2020, 2021
Faculty Recruiting	2007, 2011, 2016, 2021
Merit Committee	2017
Chair CODE (Committee on Outreach, Diversity and Equity)	2016, 2017, 2018
Finance Committee	2009, 2014
Chair Graduate Affairs	2013 2014
Graduate Affairs	2002, 2003, 2004, 2012
Communications	2012
Space Committee	2011
Faculty Recruiting	2011
Faculty Recruiting Planning	2011
Ad-Hoc Committee Faculty Recruiting Strategic Planning	2010
Chair Student Development Committee	2009, 2010
Head Search Committee	2009
Graduate Admissions Committee (ad hoc HCI member while MacLean on leave)	2004
Chair of Focus on Women and Computing	2004
Focus on Women and Computing	2002, 2003, 2005, 2006
Ad-Hoc Committee, Should CS Become a School	2003, 2004
Graduate Committee, Department of Computer Science, UofT	1998, 1999, 2000, 2001
Graduate Admissions Committee, Department of Computer Science, UBC	1996

(b) Other service, including dates

Departmental:
Associate Head of Graduate Affairs, CS 2013-2015

Panelist – CSSS Undergrad Research Night 2021
Panelist – FOWCS luncheon on exploring research in CS 2012
Panelist – applying to graduate school 2010

Departmental – Chair of Thesis Proposal or RPE: (started recording in 2014)
Tony Mason 2021
Ben Ling 2018
Chenxi Liu 2017
Nasa (Mushfiqur) Rouf 2014
Hasti Seifi 2014

UBC – General:
Blogpost July 26, 2021: Staying safe and supporting students despite the "vaccination gap": Four recommendations for UBC's return to campus. (co-authored with Karen Bakker) 2021

Killam Postdoctoral Fellow Research Prize - adjudication committee (Faculty of Science) 2021
Invited mentor - Strengthening and Polishing Your CV - May 19 2020, Faculty of Science workshop 2020
Co-organizer, HCI Symposium, CS-50 Celebration 2018
Curriculum Lead, Designing for People, Graduate Program & UBC Research Excellence Cluster 2017-2022
Leading "HCI@UBC" – effort to bring together all HCI-related researchers at UBC 2013-2015
Co-organized "HCI@UBC: Taking it to the Next Level" workshop 2013

MAGIC – HCI Sub-specialization program committee, *Chair* 2013-2015
MAGIC – HCI Sub-specialization program committee 2004-2013

PWIAS – Mentoring Award selection committee 2013
PWIAS – Early Career Scholar Cross Co-hort Event planning committee 2013
PWIAS – Early Career Scholars selection committee 2012
PWIAS – panelist "Looking over the Wall, the Future of the Peter Wall Institute for Advanced Studies" 2012
Strategic planning group, Office of the Dean of Science 2010
Three-year annual renewal committee for faculty member in SLAIS 2010

UBC – PhD Defense Chair:
Jennifer Whitman 2013
Clark Banack 2012
Babak Derakhshandeh 2011

11. SERVICE TO THE COMMUNITY

(a) Memberships on scholarly societies, including offices held and dates

Association for Computer Machinery (ACM), 2000-present
Special Interest Group on Human-Computer Interaction (SIGCHI), 2000-present

(b) Memberships on other societies, including offices held and dates

(c) Memberships on scholarly committees, including offices held and dates

Graphics Interface (GI) Chair Selection Committee	2020
ACM CHI Steering Committee	2019-2020
ACM SIGACCESS – Awards committee	2014, 2015, 2016
ACM TACCESS – Editor in Chief search committee	2012

(d) Memberships on other committees, including offices held and dates

Mitacs College of Reviewers	2013

(e) Editorships (list journal and dates)

CACM-Research Highlights Editorial Board	2021-present
ACM Transaction on Human Computer Interaction (ToCHI) – Editorial Board	2015-present
ACM Transactions on Accessible Computing (TACCESS) – Editorial Board	2011-present
ACM TACCESS – Guest Editor for special issue on Mobile Technologies for Older Users	2012

(f) Reviewer (journal, agency, etc. including dates)

Journals

ACM Computing Surveys	2002, 2015
IEEE Pervasive	2015
Human-Computer Interaction	2013
Interacting with Computers	2010
ACM Transactions on Human-Computer Interaction	2009, 2010, 2013
International Journal of Human Computer Studies	2007, 2008, 2009, 2011, 2012, 2017
ACM Transaction on Interactive Intelligent Systems	2012
Universal Access in the Information Society	2006
International Conference on Information Systems, Association for Information Systems	2004

Conferences

Mobile HCI	2014
ACM CHI (Conference on Human Factors in Computing Systems)	2000, 02, 03, 04, 06, 10, 12, 14, 16, 17, 18, 19, 20, 21, 22
Graphics Interface	2002, 2006, 2007
ACM UIST (User Interface Software Technology)	1999, 2003, 2006, 2010, 2011, 2012, 2014
ACM CSCW	2011, 2022
ACM SIGGRAPH (Special Interest Group on Graphics)	2000
8th International World Wide Web Conference	1999

Book Chapters

Springer	2010
Wiley	2003

Granting Agency

NSERC Discovery Grants	2003, 04, 06, 07, 09, 11, 13, 14, 15, 17, 19, 20, 21
NSERC CREATE	2016
NSERC Strategic Grants	2003, 2005
NSERC Engage	2012
Mitacs Accelerate	2013, 2021
Marsden (New Zealand)	2010
IBM Arise Project Grants	2003

(g) External examiner (indicate universities and dates)

Manuela Zueger, PhD, Sensing and Indicating Interruptibility in Office Workplaces, Department of Informatics, University of Zurich, Aug 2018
Manuela Zueger, PhD *proposal*, Reducing the Cost of Interruptions Measuring and Providing Awareness on the Interruptibility of Knowledge Workers, Department of Informatics, University of Zurich, Oct 2016
Can Liu, PhD, Embodied Interaction for Data Manipulation Tasks on a Wall-sized Display, Université Paris Saclay, Dec 2015
Theophanis Tsandilas, PhD, Towards the Systematic Assessment and Design of Adaptive User Interfaces, University of Toronto, Computer Science, July 2007

(h) Consultant (indicate organization and dates)

(i) Other service to the community

Public communication and outreach on my research:
Interview for CTV news: "Have you thought about what happens to your digital data once you're gone?" (May 6, 2021) (About [64], link)
Coverage on builtin-com "What Happens When Accounts Outlive Users? Inside UX Design's Grapple With Death." (Nov 17, 2021) (About [C64], link)
Dongwook Yoon and Joanna McGrenere. 2021. Making virtual assistants sound human poses a challenge for designers. The Conversation. June 7, 2021. (About [63], link)

Other:

Demonstration of Help Kiosk at BC Tech Summit	2018
Panelist, Parent Session, Girlsmarts Workshop, SAP and UBC	2016
Mentor, UBC's Women Faculty Mentoring Initiative	2014
Mentor, UBC CS's Tri-Mentoring Program	2003, 2009-present
Organized a 2-day workshop at ACM CHI 2006 on Designing Technology for People with Cognitive Impairments	2006
Panelist / role model, "XX Evening" hosted by Science World, mentoring event for females	2004, 2006, 2007
Workshop on Computer Science, "A Day with a Difference" for grade 7 and 8 girls, Waterloo, ON	2000
Organized panel of females in computing careers (academic and industry) for a computer science undergraduate and graduate event for females, UofT	1999
Presentation of the 1992 report "More than Just Numbers" at a computer science graduate event for females, UofT	1998
Student Volunteer, ACM CHI Conference	1995, 1996, 1997

12. AWARDS AND DISTINCTIONS

(a) Awards for Teaching (indicate name of award, awarding organizations, date)

Incredible Instructor Award, UBC Department of Computer Science (for CPSC 444)	2019
Incredible Instructor Award, UBC Department of Computer Science (for CPSC 444)	2012
Incredible Instructor Award, UBC Department of Computer Science (for CPSC 544)	2004

(b) Awards for Scholarship (indicate name of award, awarding organizations, date)

★ international, ◆ Canadian, O regional/institutional

★ ACM Distinguished Member 2022
Recognizes those ACM members with at least 15 years of professional experience and 5 years of Professional Membership in the last 10 years who have achieved significant accomplishments or have made a significant impact on the computing field.

★ **ACM Conference on Human Factors in Computing Systems, honorable mention [C64]** 2021
For What Happens After Death? Using a Design Workbook to Understand User Expectations for Preparing their Data. (114 honorable mentions out of 2844 submissions = 4%)

★ **ACM Conference on Designing Interactive Systems, honourable mention for best paper award [C57]** 2020
For Peek-through Customization: Example-Based In-Context Sharing for Learning Management Systems. (34 honorable mentions out of 578 submissions = 6%)

★ **ACM Conference on Human Factors in Computing Systems, best paper award [C53]** 2020
For Creating Augmented and Virtual Reality Applications: Current Practices, Challenges, and Opportunities. (31 best papers awarded out of 3126 submissions = 1%)

★ **ACM Conference on Designing Interactive Systems, honourable mention for best paper award [C51]** 2019
For Keeping and Discarding Personal Data: Exploring a Design Space. (9 honorable mentions out of 415 submissions = 2%)

★ **ACM Conference on Human Factors in Computing Systems, best paper award [C46]** 2018
For Hoarding and Minimalism: Tendencies in Digital Data. (25 best papers awarded out of 2590 submissions = 1%)

★ **ACM Conference on Human Factors in Computing Systems, honorable mention [C45]** 2018
For BIGFile: Bayesian Information Gain for Fast File Retrieval. (101 honorable mentions out of 2590 submissions = 4%)

◆ **Royal Society of Canada, member of The College of New Scholars, Artists and Scientists** 2017
Those named to the College "represent the emerging generation of scholarly, scientific and artistic leadership in Canada."

★ **ACM Conference on Human Factors in Computing Systems, honorable mention [C38]** 2016
For Anchored Customization: Anchoring Settings to the Application Interface to Afford Customization. (92 honorable mentions out of 2435 submissions = 4%)

O **Killam Faculty Research Fellowship Award, UBC** 2015
Award supports scholars engaged in research projects of broad significance. They are to assist promising faculty members, who wish to devote full time to research and study in their field during a recognized study leave.

★ **Microsoft Software Engineering Innovation Fund Award** 2013
One-year award from Microsoft Research based on my research proposal on Adaptive Touch Targeting for Mobile Devices: Supporting Users Across the Adult Lifespan. (Acceptance rate: 16/141 = 11%)

O **Killam Award For Excellence in Mentoring, mid-career category, UBC** 2012
Award recognizing sustained mentorship of numerous graduate students over many years. Mid-career category is for those who have had appointments for less than 12 years.

★ **Michael A. J. Sweeney Award for the best student paper for Graphics Interface (HCI track)** 2012
For Individual Differences in Personal Task Management: A field Study in an Academic. Award recognizes the best paper with a student first author.

◆ **Outstanding Young Computer Science Research Award, Canadian Association of Computer Science** 2011

Awarded to computer science faculty members in Canada who have had outstanding impact in their field within 10 years of graduation from their Ph.D. program.

- **Peter Wall Institute for Advanced Studies, UBC, Early Career Scholar Award** 2010
  Awarded to full-time faculty in the early stage of their academic career, specifically to individuals with highly promising records who will appreciate the possibilities of intellectual and interdisciplinary exchange with peers in very different areas of research.
- ★ **ACM Conference on Human Factors in Computing Systems, best paper award [C24]** 2009
  For Ephemeral Adaptation: The Use of Gradual Onset to Improve Menu Selection. (7 best papers awarded out of 1130 submissions = 0.6%)
- ★ **ACM SIGACCESS Conference on Computers and Accessibility, best student paper award [C19]** 2007
  For Slipping and Drifting: Using Older Users to Uncover Pen-based Target Acquisition Difficulties. Award recognizes the best paper with a student first author.
- ★ **ACM Conference on Intelligent User Interfaces, best paper award [C15]** 2007
  For Supporting Interface Customization Using a Mixed-Initiative Approach.
- ★ **IBM Faculty Award** 2004, 2005, 2006, 2009
  The IBM Faculty Awards is a competitive worldwide program intended to foster collaboration between researchers at leading universities worldwide and those in IBM research, development and services organizations. Candidates must be nominated by an IBM employee who will serve as liaison for the collaboration.
- ★ **Borg Early Career Award** 2004
  Given to a woman in computer science and/or engineering who has made significant research contributions and who has contributed to her profession, especially in the outreach to women.

Awards held as a graduate student:

- ★ IBM CAS Fellowship, Centre for Advanced Studies, IBM Canada 1999, 2000, 2001
- OGSST (Ontario Graduate Scholarships in Science and Technology) 1999, 2000
- University of Toronto Fellowship 1998
- ◆ NSERC Postgraduate Scholarship B 1996, 1997
- ◆ NSERC Postgraduate Scholarship A 1994, 1995
- Graduate Scholarship, Advanced Systems Institute, BC 1994
- Gold Medal Award for Computer Science, University of Western Ontario 1993
- Faculty Association Award, University of Western Ontario 1992
- University of Western Ontario Award 1991
- ◆ Canada Scholarship 1989, 1990, 1991, 1992

(c) Awards for Service (indicate name of award, awarding organizations, date)

(d) Other Awards

Nomination for IBM CAS Innovation Impact Award 2009

13. OTHER RELEVANT INFORMATION (Maximum One Page)

Research

In HCI, the order of authorship on papers is generally determined by the contribution made by each author to the work. When authors have made roughly equivalent contributions, the names are listed in alphabetical order. There are two exceptions. The first is that in all cases where I have made roughly equal contributions with my students, I have placed myself after the students. For jointly supervised students, it is common that the student's name is first, and the co-supervisors follow in alphabetical order. The ordering of co-supervisors' names is only reversed in cases that reflect a substantial difference in contribution. ***The second exception is that some HCI labs have adopted a practice where the senior supervising researcher's name goes last. I began to adopt that practice around 2017.*** In all authoring cases, a researcher is only included as an author if intellectual contributions have been made to the work.

Grants

* GRAND was a NCE with funding of $23M for 5 years (announced Dec 1, 2009).

> Note1: The budgets continually evolved. I was an investigator on three of the funded projects, each project with funding of approximately $100K/yr. Of the combined $300K, the amount supporting my research within the NCE was approximately $40K per year for five years.
>
> Note2: DIGIKIDZ was proposed by Dr. Antle (SFU) and I and is a new project for year 3 of the NCE. I led the effort to secure $20K in funds from MSR to support this project, but the funds will not come directly to the project members, but rather be funneled into the main GRAND funding pool.

** NECTAR was an NSERC strategic research network awarded five-year funding. There were 11 applicants and a plan to add a total of 2-4 new researchers during the second and third years of the research program. I was one of two researchers added in the second year. A fourteenth researcher was added in the third year. Of the $1.1M per year, the amount supporting my research within the network was approximately $60K per year for four years.

THE UNIVERSITY OF BRITISH COLUMBIA
Publications Record

SURNAME: McGrenere **FIRST NAME**: Joanna **Initials**:
MIDDLE NAME(S): Lynn **Date**: November 2022

1. REFEREED PUBLICATIONS

As is common in computer science, significant emphasis is placed on conference publications. Conference submissions are rigorously reviewed. The top conferences in HCI are as competitive, and in some cases more competitive, than the top HCI journals. Under conference proceedings below, I list those publications subjected to rigorous review. Acceptance rates for these conferences are provided when available. Papers for which the reviewing may have been of lesser quality (fewer than 3 reviewers) are separated into category 1c, other. The latter also include workshop publications and abstract-length publications. Names of student and postdoc co-authors that I supervise are in bold. (This includes students who published work stemming from graduate courses I've taught.)

(a) Journals

J16. **Sung-Hee Kim**, **Kailun Zhang**, Joanna McGrenere, Kellogg S. Booth, and Claudia Jacova. 2020. A Comparison of Touchscreen and Mouse for Real-World and Abstract Tasks with Older Adults. *ACM Trans. Access. Comput.* 13, 4, Article 16 (October 2020), 26 pages.

J15. **Haraty, M.,** McGrenere, J., **Tang, C.** (2016). How personal task management differs across individuals. I*nternational Journal of Human-Computer Studies*, 88, C (April 2016), 13-37.

J14. Murphy-Hill, E., Lee, D.Y., Murphy, G., and McGrenere, J. (2015). How do users discover new tools in software development and beyond? *The CSCW Journal,* 24(5), 389-422.

J13. Robillard, J.M., Illes, J., Arcand, M., Beattie, B.L., Hayden, S., Lawrence, P., McGrenere, J., Reiner, P.B., Wittenberg, D., Jacova, C. (2015). Scientific and ethical features of English-language online tests for Alzheimer Disease. *Alzheimer's & Dementia: Diagnosis, Assessment and Disease Monitoring*, 1(3), 281-288.

J12. Jacova, C, McGrenere, J., Lee, H.S., Wang, W., Le Huray, S., Corenblith, E.F., **Brehmer, M., Tang, C.,** Hayden, S., Beattie, B.L., and Hsiung, G.Y.R. (2015). C-TOC (Cognitive Testing on Computer): Investigating the usability and validity of a novel self-administered cognitive assessment tool in aging and early dementia. *Alzheimer Disease & Associated Disorders*, 29(3):213-21

J11. **Dawson, J.**, Munzner, T., and McGrenere, J. (2015). A search set model of path tracing in graphs. *Information Visualization*, 14(4), 308-338.

J10. **Pan, M.** McGrenere, J., MacLean, K. E., and Croft, E. A. (2014). Exploring the role of haptic feedback in an implicit HCI-based bookmarking application. *IEEE Transactions on Haptics*, 7(1):24-36.

J9. **Leung, R., Tang, C., Haddad, S.,** McGrenere, J., Graf, P., **Ingriany, V.** (2012). How older adults learn to use mobile devices: Survey and field investigations. *ACM Transactions on Accessible Computing*, 4(3), Article 11, 1-33.

J8. **Leung, R.**, **Findlater, L.**, McGrenere, J., Graf, P., and **Yang, J.** (2010). Multi-layered interfaces to improve older adults' initial learnability of mobile applications. *ACM Transactions on Accessible Computing,* 3(1), Article 1, 1-30.

J7. **Findlater, L.**, and McGrenere, J. (2010). Beyond performance: Feature awareness in personalized interfaces. *International Journal of Human-Computer Studies*, 68(3), 121-137.

J6. **Leung, R.**, McGrenere, J., and Graf, P. (2009). Age-related differences in the initial usability of mobile device icons. *Behaviour & Information Technology*, First published on: 22 September 2009 (iFirst).

J5. **Moffatt, K.**, and McGrenere, J. (2009). Exploring methods to improve pen-based menu selection for younger and older adults. *ACM Transactions on Accessible Computing*, 2(1), Article no 3, 1-32.

J4. **Allen, M.**, McGrenere, J., and Purves, B. (2008). The field evaluation of a mobile digital image communication application designed for people with aphasia. *ACM Transactions on Accessible Computing.* 1(1), Article 5, 1-26.

J3. **Allen, M., Leung, R.**, McGrenere, J., and Purves, B. (2008). Involving domain experts in assistive technology research. *User Access in the Information Society*. 7(3), 145-154.

J2. **Chan, A.,** MacLean, K., and McGrenere, J. (2008). Designing haptic icons to support collaborative turn-taking. *International Journal of Human Computer Studies*. 66(5), 333-355.

J1. McGrenere, J., Baecker, R.M., and Booth, K.S. (2007). A field evaluation of an adaptable two-interface design for feature-rich software. *ACM Transactions on Computer-Human Interaction*. 14(1), Article 3, 1-43.

(b) Conference Proceedings

C68. **Emmanouil Giannisakis**, **Jessalyn Alvina**, Andrea Bunt, Parmit Chilana, and Joanna McGrenere. 2022. Promoting Feature Awareness by Leveraging Collaborators' Usage Habits in Collaborative Editors. *Proceedings of Graphics Interface* (GI '22). [Conference acceptance rate: TBA]

C67. **Sang-Wha Sien**, **Shalini Mohan**, and Joanna McGrenere. 2022. Exploring Design Opportunities for Supporting Mental Wellbeing Among East Asian University Students in Canada. In *CHI Conference on Human Factors in Computing Systems* (*CHI '22*). Association for Computing Machinery, New York, NY, USA, Article 330, 1–16. [Conference acceptance rate: 637/2579 = 24.7%]

C66. **Izabelle F Janzen** and Joanna McGrenere. 2022. Reflective Spring Cleaning: Using Personal Informatics to Support Infrequent Notification Personalization. In *CHI Conference on Human Factors in Computing Systems* (*CHI '22*). Association for Computing Machinery, New York, NY, USA, Article 179, 1–16. [Conference acceptance rate: 637/2579 = 24.7%]

C65. **Laton Vermette**, Kavana Ramesh, Joanna McGrenere, and Parmit K Chilana. 2022. Uncovering Instructors' Diverse Practices and Perceptions: A Field Deployment of a Customization-Sharing Platform that Supports Course Management. In *CHI Conference on Human Factors in Computing Systems* (*CHI '22*). Association for Computing Machinery, New York, NY, USA, Article 249, 1–15. [Conference acceptance rate: 637/2579 = 24.7 %]

C64. **Janet Chen**, **Francesco Vitale,** and Joanna McGrenere. 2021. What Happens After Death? Using a Design Workbook to Understand User Expectations for Preparing their Data. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems* (*CHI '21*). Association for Computing Machinery, New York, NY, USA, Article 169, 1–13. [Conference acceptance rate: 749/2844 = 26.3%] ***Best of CHI: Honorable Mention Award***

C63. **Yelim Kim,** Mohi Reza, Joanna McGrenere, and Dongwook Yoon. 2021. Designers Characterize Naturalness in Voice User Interfaces: Their Goals, Practices, and Challenges. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems* (*CHI '21*). Association for Computing Machinery, New York, NY, USA, Article 242, 1–13. [Conference acceptance rate: 749/2844 = 26.3%]

C62. Carolyn Pang, Zhiqin Collin Wang, Joanna McGrenere, Rock Leung, Jiamin Dai, and Karyn Moffatt. 2021. Technology Adoption and Learning Preferences for Older Adults: Evolving Perceptions, Ongoing Challenges, and Emerging Design Opportunities. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems* (*CHI '21*). Association for Computing Machinery, New York, NY, USA, Article 490, 1–13. [Conference acceptance rate: 749/2844 = 26.3%]

C61. Patrick Marcel Joseph Dubois, Mahya Maftouni, Parmit K. Chilana, Joanna McGrenere and Andrea Bunt. 2020. Gender Differences in Graphic Design Q&As: How Community and Site Characteristics Contribute to Gender Gaps in Answering Questions. In *Proceedings of the ACM on Human-Computer Interaction*, Vol. 4, CSCW2, Article 113 (October 2020), 26 pages. [Acceptance rate: 40.1%]

C60. Shahed Anzarus Sabab, Adnan Khan, Parmit K. Chilana, Joanna McGrenere and Andrea Bunt. 2020. An Automated Approach to Assessing an Application Tutorial's Difficulty. In *Proceedings of the 2020 IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC)*, 2020, 1-10. [Conference acceptance rate: 15/50 = 30%]

C59. **Francesco Vitale**, **Janet** Chen, William Odom, and Joanna McGrenere. 2020. Data Dashboard: Exploring Centralization and Customization in Personal Data Curation. In *Proceedings of the 2020 Designing Interactive Systems Conference* (DIS '20). ACM, New York, NY, USA, 311-326. [Conference acceptance rate: 139/578 = 24%]

C58. **Jessalyn Alvina**, Andrea Bunt, Parmit K. Chilana, Sylvain Malacria, Joanna McGrenere. 2020. Where is that Feature? Designing for Cross-Device Software Learnability. In *Proceedings of the 2020 Designing Interactive Systems Conference* (DIS '20). ACM, New York, NY, USA, 1103-1115. [Conference acceptance rate: 139/578 = 24%]

C57. **Laton Vermette**, Joanna McGrenere, and Parmit K. Chilana. 2020. Peek-through Customization: Example-Based In-Context Sharing for Learning Management Systems. In *Proceedings of the 2020 Designing Interactive Systems Conference* (DIS '20). ACM, New York, NY, USA, 1155-1167. [Conference acceptance rate: 139/578 = 24%] ***Honorable Mention for Best Paper Award***

C56. **Taslim Khan**, Dongwook Yoon, Joanna McGrenere. 2020. Designing an Eyes-Reduced Document Skimming App for Situational Impairments. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems* (CHI '20). ACM, New York, NY, USA, 1-14. [Conference acceptance rate: 760/3126 = 24%]

C55. **Shareen Mahmud, Jessalyn Alvina**, Andrea Bunt, Parmit K. Chilana, Joanna McGrenere. 2020. Learning Through Exploration: How Children, Adults, and Older Adults Interact with a New Feature-Rich Application. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems* (CHI '20). ACM, New York, NY, USA, 1-14. [Conference acceptance rate: 760/3126 = 24%]

C54. **Hayley Guillou, Kevin Chow,** Thomas Fritz, Joanna McGrenere. 2020. Is Your Time Well Spent? Reflecting on Knowledge Work More Holistically. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems* (CHI '20). ACM, New York, NY, USA, 1-9. [Conference acceptance rate: 760/3126 = 24%]

C53. Narges Ashtari, Andrea Bunt, Joanna McGrenere, Michael Nebeling, Parmit K. Chilana. 2020. Creating Augmented and Virtual Reality Applications: Current Practices, Challenges, and Opportunities. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems* (CHI '20). ACM, New York, NY, USA, 1-13. [Conference acceptance rate: 760/3126 = 24%] ***Best Paper Award***

C52. **Carla F. Griggio**, Joanna McGrenere, and Wendy E. Mackay. 2019. Carla F. Griggio, Joanna McGrenere, and Wendy E. Mackay. 2019. Customizations and Expression Breakdowns in Ecosystems of Communication Apps. *Proc. ACM Hum.-Comput. Interact.* 3, CSCW, Article 26 (November 2019), 26 pages. [Conference acceptance rate: 205/658 = 31%]

C51. **Francesco Vitale**, William Odom, and Joanna McGrenere. 2019. Keeping and Discarding Personal Data: Exploring a Design Space. In *Proceedings of the 2019 on Designing Interactive Systems Conference* (DIS '19). ACM, New York, NY, USA, 1463-1477. [Conference acceptance rate: 105/415 = 25%] ***Honorable Mention for Best Paper Award***

C50. **Carla F. Griggio**, Midas Nouwens, Joanna McGrenere, and Wendy E. Mackay. 2019. Augmenting Couples' Communication with *Lifelines*: Shared Timelines of Mixed Contextual Information. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems* (CHI '19). ACM, New York, NY, USA, Paper 623, 13 pages. [Conference acceptance rate: 705/2960 = 24%].

C49. **Laton Vermette**, Joanna McGrenere, Colin Birge, Adam Kelly, and Parmit K. Chilana. 2019. Freedom to Personalize My Digital Classroom: Understanding Teachers' Practices and Motivations. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems* (CHI '19). ACM, New York, NY, USA, Paper 318, 14 pages. [Conference acceptance rate: 705/2960 = 24%].

C48. Kimia Kiani, George Cui, Andrea Bunt, Joanna McGrenere, and Parmit K. Chilana. 2019. Beyond "One-Size-Fits-All": Understanding the Diversity in How Software Newcomers Discover and Make Use of Help Resources. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems* (CHI '19). ACM, New York, NY, USA, Paper 340, 14 pages. [Conference acceptance rate: 705/2960 = 24%].

C47. **Izabelle Janzen**, **Francesco Vitale,** and Joanna McGrenere. 2018. Control and Personalization: Experience of Notifications in Young and Old. *Proceedings of Graphics Interface* (GI '18). Toronto, ON. 138 – 145. (Conference acceptance:15/35 = 43%)

C46. **Francesco Vitale, Izabelle Janzen**, and Joanna McGrenere. 2018. Hoarding and Minimalism: Tendencies in Digital Data Preservation. In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems* (CHI '18). ACM, New York, NY, USA, Paper 587, 12 pages. (Conference acceptance rate: 666/2590 = 26%) ***Best Paper Award***

C45. Wanyu Liu, Olivier Rioul, Joanna McGrenere, Wendy E. Mackay, and Michel Beaudouin-Lafon. 2018. BIGFile: Bayesian Information Gain for Fast File Retrieval. In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems* (CHI '18). ACM, New York, NY, USA, Paper 385, 13 pages. (Conference acceptance rate: 666/2590 = 26%) ***Best of CHI: Honorable Mention Award***

C44. **Laton Vermette**, Shruti Dembla, April Y. Wang, Joanna McGrenere, and Parmit K. Chilana. 2017. Social CheatSheet: An Interactive Community-Curated Information Overlay for Web Applications. *Proc. ACM Hum.-Comput. Interact.* 1, CSCW, Article 102 (December 2017), 19 pages. (Conference acceptance rate: 105/384 = 27%)

C43. Hornof, A., Whitman, H., Sutherland, M., Gerendasy, S., and McGrenere, J. (2017). Designing for the "universe of one": Personalized interactive media systems for people with the severe cognitive impairment associated with rett syndrome. In *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems* (CHI '17). ACM, New York, NY, USA, 2137-2148. (Conference acceptance rate: 600/2400 = 25%)

C42. Malloch, J., **Griggio, C.**, McGrenere, J., and Mackay, W. (2017). Fieldward and pathward: Dyanmic guides for defining your own gestures. In *Proceedings of the 2017 CHI Conference on*

Human Factors in Computing Systems (CHI '17). ACM, New York, NY, USA, 4266-4277. (Conference acceptance rate: 600/2400 = 25%)

C41. **Vitale, F.,** McGrenere, J., Tabard, A., Beaudouin-Lafon, M., and Mackay, W. (2017). High costs and small benefits: A field study of how users experience operating system upgrades. In *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems* (CHI '17). ACM, New York, NY, USA, 4242-4253. (Conference acceptance rate: 600/2400 = 25%)

C40. **Haraty, M.,** McGrenere, J., and Bunt, A. (2017). Online Customization Sharing Ecosystems: Components, Roles, and Motivations In *Proceedings of the 2017 ACM Conference on Computer Supported Cooperative Work and Social Computing* (CSCW '17). ACM, New York, NY, USA, 2359-2371. (Conference acceptance rate: 183/530 = 35%)

C39. **Haraty, M.** and McGrenere, J. (2016). Designing for advanced personalization in personal task management. In *Proceedings of the 2016 ACM Conference on Designing Interactive Systems* (DIS '16). ACM, New York, NY, USA, 239-250. (Conference acceptance rate: 109/418 = 26%)

C38. **Ponsard, A.** and McGrenere, J. (2016). Anchored Customization: Anchoring Settings to the Application Interface to Afford Customization. In *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems (CHI '16)*. ACM, New York, NY, USA, 4154-4165. (Conference acceptance rate: 565/2435 = 23%) ***Best of CHI: Honorable Mention Award***

C37. **Ponsard, A., Ardekany, K., Zhang, K., Negulescu, M., Ren, F.,** and McGrenere, J. (2015). Twist and pulse: Ephemeral adaptation to improve icon selection on smartphones. In *Proceedings of Graphics Interface* 2015, 219-222. (Conference acceptance rate: 22/57 = 38%)

C36. **Haraty, M.,** McGrenere, J., and Tang C. (2015). How and why personal task management behaviors change over time. In *Proceedings of Graphics Interface* 2015, 147-154. (Conference acceptance rate: 22/57 = 38%)

C35. **Negulescu. M.** and McGrenere, J. (2015). Grip change as an information side channel for mobile touch interaction. In *Proceedings of the 33rd Annual ACM Conference on Human Factors in Computing Systems* (CHI '15). ACM, New York, NY, USA, 1519-1522. (Conference acceptance rate: 486/2120 = 23%)

C34. **Seifi, H. Halbert, H**., and McGrenere, J. (2014). Supervisor-student research meetings: A case study on choice of tools and practices in computer science. *Proceedings of Graphics Interface* 2014, 129-135. (Conference acceptance rate: 15/40 = 37%)

C33. **Haddad, S.,** McGrenere, J., and Jacova, C. (2014). Interface design for older adults with varying cultural attitudes toward uncertainty. *Proceedings of the 32nd International Conference on Human Factors in Computing Systems*, (Toronto, Canada, Apr 26 - May1, 2014). CHI'14. ACM Press, 1913-1922. (Conference acceptance rate: 471/2064 = 23%)

C32. **Kamal, N.**, Fels, S., McGrenere, J., Nance, K. (2013). Helping me helping you: Designing to influence health behavior through social connections. *Proceedings of International Conference on Human Computer Interaction - INTERACT 2013*, *Lecture Notes in Computer Science 8119*, 708-725. (Conference acceptance rate: 128/413 = 31%)

C31. **Tam, D.**, MacLean, K., McGrenere, J., Kuchenbecker, K. (2013). The design and field observation of a haptic notification system for timing awareness during oral presentations. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (CHI '13). ACM, New York, NY, USA, 1689-1698. (Conference acceptance rate: 392/1963 = 20%)

C30. **Haraty, M., Tam, D., Haddad, S.,** McGrenere, J., **Tang, C.** (2012). Individual differences in personal task management: A field study in an academic setting. In *Proceedings of Graphics Interface 2012* (Toronto, Ontario, Canada, May 28 – 30, 2012). GI 2012. Canadian Human-Computer

Communications Society, 35-44. (Conference acceptance rate: 13/34 = 38%) ***Best student paper award.***

C29. **Brehmer, M.**, McGrenere, J., **Tang, C.** and Jacova, C. (2012). Effects of interruptions on older adults' computerised cognitive testing performance. In *Proceedings of the 30th International Conference on Human Factors in Computing Systems*, (Austin, Texas, USA, May 5 - 10, 2012). CHI'12. ACM Press, 2649-2658. (Conference acceptance rate: 370/1577 = 23.0%)

C28. **Nobarany, S.**, **Oram**, **L.**, **Kumar Rejendran, V.**, **Chen, D.**, McGrenere, J.**,** Munzner, T. (2012). The design space of opinion measurement interfaces: Exploring recall support for rating and ranking. In *Proceedings of the 30th International Conference on Human Factors in Computing Systems*, (Austin, Texas, USA, May 5 - 10, 2012). CHI'12. ACM Press, 2035-2044. (Conference acceptance rate: 370/1577 = 23.0%)

C27. **Hendy, J.**, **Link, J.**, Booth, K.S., and McGrenere, J. (2011). Parameter selection in keyboard-based dialog boxes. In *Proceedings of the 29th International Conference on Human Factors in Computing Systems*, (Vancouver, Canada, May 7 – 12, 2011).CHI '11. ACM Press, 2761-2764. (Conference acceptance rate: 400/1540 = 26.0%)

C26. **Hendy, J.**, Booth, K.S., and McGrenere, J. (2010). Graphically enhanced keyboard accelerators for GUIs. In *Proceedings of Graphics Interface 2010* (Ottawa, Ontario, Canada, Mar 31 – June 2, 2010). GI 2010. Canadian Human-Computer Communications Society, 3-10. (Conference acceptance rate: 33/88 = 37.5%)

C25. **Moffatt, K.,** and McGrenere, J. (2010). Steadied-bubbles: Combining techniques to address pen-based pointing errors for younger and older adults. In *Proceedings of the 28th International Conference on Human Factors in Computing Systems* (Atlanta, Georgia, USA, April 10 - 15, 2010). CHI '10. ACM Press, 1125-1134. (Conference acceptance rate: 302/1346 = 22.4%)

C24. **Findlater, L., Moffatt, M.**, McGrenere, J., **Dawson, J.** (2009). Ephemeral adaptation: The use of gradual onset to improve menu selection performance. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Boston, Massachusetts, April 6 - 9, 2009). CHI '09. ACM Press, 1655-1664. (Conference acceptance rate: 277/1130 = 24.5%, Best paper rate: 7/1130 = 0.6%) ***Best paper award.***

C23. **Moffatt, K.,** and McGrenere, J. (2008). Hover or tap? Supporting pen-based menu navigation for older adults. *Proceedings of the 10th International ACM SIGACCESS Conference on Computers and Accessibility* (Halifax, Nova Scotia, Canada, October 13 – 15, 2008). Assets '08. ACM Press, 51-58. (Conference acceptance rate: 157/714 = 37%)

C22. **Findlater, L.**, and McGrenere, J. (2008). Impact of screen size on performance, awareness, and user satisfaction with adaptive graphical user interfaces. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Florence, Italy, April 5 - 10, 2008). CHI '08. ACM Press, 1247-1256. (Conference acceptance rate: 157/714 = 22%)

C21. **Findlater, L.**, McGrenere, J., and Modjeska, D. (2008). Evaluation of a role-based approach for customizing a complex development environment. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Florence, Italy, April 5 - 10, 2008). CHI '08. ACM Press, 1267-1270. (Conference notes acceptance rate: 61/340 = 18%)

C20. **Allen, M.**, McGrenere, J., and Purves, B. (2007). PhotoTalk: The design and evaluation of a digital image based communication tool for people who have aphasia. In *Proceedings of the 9th International ACM SIGACCESS Conference on Computers and Accessibility* (Tempe, Arizona, USA, October 15 - 17, 2007). Assets '07. ACM Press, 187-194. (Conference acceptance rate: 27/86 = 31%)

C19. **Moffatt, K.**, and McGrenere, J. (2007). Slipping and drifting: Using older users to uncover pen-based target acquisition difficulties. In *Proceedings of the 9th International ACM SIGACCESS Conference on Computers and Accessibility* (Tempe, Arizona, USA, October 15 - 17, 2007). Assets '07. ACM Press, 11-18. (Conference acceptance rate: 27/86 = 31%) ***Best student paper award.***

C18. **Findlater, L.**, and McGrenere, J. (2007). Evaluating reduced-functionality interfaces according to feature findability and awareness. In *Proceedings of the 11th IFIP International Conference on Human Computer Interaction* (Rio de Janeiro, Brazil, September 10 - 14, 2007). INTERACT 2007. International Federation for Information Processing, 592-605. (Conference acceptance rate: 75/223 = 33%)

C17. **Bunt, A.**, McGrenere, J., and Conati, C. (2007). Understanding the Utility of Rationale in a Mixed-Initiative System for GUI Customization. *Proceedings of the 11th International Conference on User Modeling* (Corfu, Greece, June 25 - 29, 2007). UM 2007. Springer, 147-156. (Conference acceptance rate: 30/153 = 20%)

C16. **Gluck, J.**, **Bunt, A.**, and McGrenere, J. (2007). Matching attentional draw with utility in interruption. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (San Jose, California, USA, April 28 - May 03, 2007). CHI '07. ACM Press, 41-50. (Conference acceptance rate: 142/571 = 25%)

C15. **Bunt, A.**, Conati, C., and McGrenere, J. (2007). Supporting interface customization using a mixed-initiative approach. In *Proceedings of the 12th International Conference on Intelligent User Interfaces* (Honolulu, Hawaii, USA, January 28 - 31, 2007). IUI '07. ACM Press, 92-101. ***Best paper award.*** (Conference acceptance rate: 26/118 = 22%)

C14. **Nekrasovski, D., Bodnar, A.**, McGrenere, J., Guimbretiere, F., and Munzner, T. (2006). An evaluation of pan&zoom and rubber sheet navigation with and without an overview. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Montréal, Québec, Canada, April 22 - 27, 2006). CHI '06. ACM Press, 11-20. (Conference acceptance rate: 118/508 = 23%)

C13. **Zheng, Q.**, Booth, K.S., and McGrenere, J. (2006). Co-authoring with structured annotations. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Montréal, Québec, Canada, April 22 - 27, 2006). CHI '06. ACM Press, 131-140. (Conference acceptance rate: 118/508 = 23%)

C12. **Tee, K., Moffatt, K., Findlater, L., Macgregor, E.**, McGrenere, J., Purves, B., and Fels, S. (2005). A visual recipe book for persons with language impairments. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Portland, Oregon, USA, April 02 - 07, 2005). CHI '05. ACM Press, 501-510. (Conference acceptance rate: 93/372 = 25%)

C11. **Chan, A.**, Maclean, K., and McGrenere, J. (2005). Learning and identifying haptic icons under workload. In *Proceedings of the First Joint Eurohaptics Conference and Symposium on Haptic Interfaces for Virtual Environment and Teleoperator Systems* (Pisa, Italy, March 18-20, 2005). WHC 2005, IEEE-VR2005. WHC. IEEE Computer Society, 432-439. (Conference acceptance rate approximately 40%)

C10. **Davies, R.**, Marcella, S., McGrenere, J., Purves, B. (2004). The ethnographically informed participatory design of a PDA application to support communication. In *Proceedings of the 6th International ACM SIGACCESS Conference on Computers and Accessibility* (Atlanta, GA, USA, October 18 - 20, 2004). Assets '04. ACM Press, 153-160. (Conference acceptance rate: 25/47 = 53%)

C9. **Findlater, L.**, McGrenere, J. (2004). A comparison of static, adaptive, and adaptable menus. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Vienna, Austria, April 24 - 29, 2004). CHI '04. ACM Press, 89-96. (Conference acceptance rate: 93/578 = 16%)

C8. **Moffatt, K.**, McGrenere, J., Purves, B., Klawe, M. (2004). The participatory design of a sound and image enhanced daily planner for people with aphasia. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Vienna, Austria, April 24 - 29, 2004). CHI '04. ACM Press, 407-414. (Conference acceptance rate: 93/578 = 16%)

C7. **Bunt, A.**, Conati, C., McGrenere, J. (2004). What role can adaptive support play in and adaptable system? In *Proceedings of the 9th International Conference on Intelligent User Interfaces* (Funchal, Madeira, Portugal, January 13 - 16, 2004). IUI '04. ACM Press, 117-124. (Conference acceptance rate: 27/95 = 28%)

C6. McGrenere, J., **Davies, R., Findlater, L**., Graf, P., Klawe, M., **Moffatt, K.**, Purves, B., and **Yang. S.** (2003). Insights from the aphasia project: Designing technology for and with people who have aphasia. In *Proceedings of the 2003 Conference on Universal Usability* (Vancouver, British Columbia, Canada, November 10 - 11, 2003). CUU '03. ACM Press, 112-118. (Conference acceptance rate: 19/75 = 25%)

C5. McGrenere, J., Baecker, R., and Booth, K.S. (2002). An evaluation of a multiple interface design solution for bloated software. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (Minneapolis, Minnesota, USA, April 20 - 25, 2002). CHI '02. ACM Press, 163-170. (Conference acceptance rate: 61/414 = 15%)

C4. Baecker, R., Booth, K.S., Jovicic, S., McGrenere, J., and Moore, G. (2000). Reducing the gap between what users know and what they need to know. In *Proceedings on the 2000 Conference on Universal Usability* (Arlington, Virginia, United States, November 16 - 17, 2000). CUU '00. ACM Press, 17-23. (Conference acceptance rate unknown)

C3. McGrenere, J., and Moore, G. (2000). Are we all in the same "bloat"? In *Proceedings of Graphics Interface 2000* (Montreal, Quebec, Canada, May 15 - 17, 2000). GI 2000. Canadian Human-Computer Communications Society, 187-196. (Conference acceptance rate: 27/90 = 30%)

C2. McGrenere, J., and Ho, W. (2000). Affordances: Clarifying and evolving a concept. In *Proceedings of Graphics Interface 2000* (Montreal, Quebec, Canada, May 15 - 17, 2000). GI 2000. Canadian Human-Computer Communications Society, 179-186. (Conference acceptance rate: 27/90 = 30%)

C1. Inkpen, K., McGrenere, J., Booth, K.S., and Klawe, M. (1997). Turn-taking protocols for mouse-driven collaborative environments. In *Proceedings of Graphics Interface '97* (Kelowna, British Columbia, Canada, May 21 - 23, 1997). GI '97. Canadian Human-Computer Communications Society 138-145. (Conference acceptance rate unknown)

(c) Other

O25. Poorna Talkad Sukumar, Ignacio Avellino, Christian Remy, Michael A. DeVito, Tawanna R. Dillahunt, Joanna McGrenere, and Max L. Wilson. 2020. Transparency in Qualitative Research: Increasing Fairness in the CHI Review Process. In *Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems* (*CHI EA '20*). Association for Computing Machinery, New York, NY, USA, 1–6.

O24. **Jessalyn Alvina,** Chengcheng Qu, Joanna McGrenere, Wendy Mackay. (2019). MojiBoard: Generating Parametric Emojis with Gesture Keyboards. Extended Abstracts in *Proceedings of CHI 2019.* (acceptance rate: 343/813=42%).

O23. **Zachary Wilson, Helen Yin**, Sayan Sarcar, Rock Leung, and Joanna McGrenere. 2018. Help Kiosk: An Augmented Display System to Assist Older Adults to Learn How to Use Smart Phones. Demonstration In *Proceedings of the 20th International ACM SIGACCESS Conference on Computers and Accessibility* (ASSETS '18). ACM, New York, NY, USA, 441-443.

O22. McGrenere, J. (2017). Improving the Learnability of Mobile Device Interfaces for Older Adults. Position paper, Workshop on *Designing Mobile Interaction for the Ageing Population, ACM CHI 2017*, May 6, 2017.

O21. Parham, K., Wong, J., Cang, L ., Shash, Y., Frazier, T. Z., & McGrenere, J. (2015). "DisasterBox: Designing social media for disaster relief." Proceedings of the Association for Information Science and Technology, 52(1), 14.

O20. Riggs, J., Jacova, C., McGrenere, J. (2014). Computerized cognitive testing at home: are we there yet? Abstract and poster presentation at 2014 EHealth and Innovation Technology Showcase in Health – eHITS (Vancouver, Canada, May 9, 2014).

O19. **Tang, C., Rajamanickam M**. and McGrenere, J. (2013). Mommy! Which one should I choose? Exploring the Design of Dialog Boxes for Children. Abstract and poster presentation at *Graphics Interface '13* (Regina, Canada, May 29-31, 2013).

O18. **Haraty, M.,** McGrenere, J., and **Tang, C.** (2012). Role of reflection in customization behaviors. Workshop presentation paper presented at "Simple, Sustainable Living," *SIGCHI Conference on Human Factors in Computing Systems* (Austin, Texas, USA, May 5 - 10, 2012). CHI '12. (3 pages)

O17. **Haraty, M.,** McGrenere, J., and **Tang, C.** (2012). Individual differences in personal task managements. Technote and presentation, *Graphics, Animation and New Media ("GRAND") NCE AGM* (Montreal, Canada, May 2-4, 2012). (4 pages) ***Honorable Mention.***

O16. **Tang, C., Leung, R., Haddad, S.**, and McGrenere, J. (2012). What motivates older adults to learn to use mobile phones. Technote and presentation, *Graphics, Animation and New Media ("GRAND") NCE AGM* (Montreal, Canada, May 2-4, 2012). (4 pages)

O15. **Tang, C., Rajamanickam, M.R.**, and McGrenere, J. (2012). Designing dialog boxes for children by age: A field investigation. Technote and presentation, *Graphics, Animation and New Media ("GRAND") NCE AGM* (Montreal, Canada, May 2-4, 2012). (4 pages)

O14. **Brehmer, M., Tang, C.,** and McGrenere, J. (2011). A tale of two studies: Investigating the impact of interruptions on task performance in older adults. Work-in-progress and presentation, *Graphics, Animation and New Media ("GRAND") NCE AGM* (Vancouver, Canada, April 12-14, 2011).

O13. **Leung, R.**, McGrenere, J., and Graf, P. (2010). Improving learnability: Lowering barriers to technology adoption. Workshop position paper presented at "Senior-friendly technologies: Interaction design for the elderly," *SIGCHI Conference on Human Factors in Computing Systems* (Atlanta, Georgia, USA, April 10 - 15, 2010). CHI '10. (4 pages)

O12. Jacova, C., Lee H.S., Le Huray, S., McGrenere, J., Beattie, B.L., Feldman, H., and Hsiung G-Y.R. (2010). Cognitive Testing on Computer (C-TOC): Designing a computerized test battery for evaluation of cognitive impairment with user and community health professional input. Poster presentation and abstract, *Alzheimer's Association International Conference on Alzheimer's Disease 2010* (Honolulu, Hawaii, July 10-15, 2010). ICAD 2010.

O11. **Bunt, A.**, Conati, C., and McGrenere, J. (2008). Insights from the design and evaluation of a mixed-initiative personalization facility. Workshop position paper presented at "Usable AI," *SIGCHI Conference on Human Factors in Computing Systems* (Florence, Italy, April 5 - 10, 2008). CHI '08. (4 pages)

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(b) Conference Proceedings

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4. PATENTS

5. SPECIAL COPYRIGHTS

6. ARTISTIC WORKS, PERFORMANCES, DESIGNS

7. OTHER WORKS