Andy Cockburn
B.Sc.(Hons) Ph.D.

Curriculum Vitae

Full legal name	Andrew Jeremy Gavin Cockburn
University Address	Department of Computer Science and Software Engineering University of Canterbury Christchurch 8140 New Zealand
Email	andy.cockburn@canterbury.ac.nz
URL	https://profiles.canterbury.ac.nz/andy-cockburn
Consultancy Address	Cockburn Human Interface Consulting Ltd. 20 Gilmour Terrace, Lyttelton 8082 New Zealand
Telephone	+64 21 296 2307
Email	ajc168@snap.net.nz

Date	September 15, 2025

Brief Summary

International research reputation

- Over two hundred publications in international journals and conferences.
- Elected to the CHI Academy (2015), which is an honorary group of individuals who have made substantial contributions to the field of human-computer interaction.
- Recipient of the 2009 Chris Wallace award for the outstanding research contribution to Computer Science (2005-2007) in Australasia.
- Deputy Chair of the national panel for assessing Computer Science and Mathematics research quality (MIST PBRF panel, 2016-2019).
- Technical programme committee chair for ACM CHI 2020; Papers co-chair for ACM CHI 2014 and 2015.
- Editorial Board Member for: ACM Transactions on Computer-Human Interaction (2012-2021); Human-Computer Interaction Journal (2015-); Foundations and Trends in HCI (2015-2023); International Journal of Human-Computer Studies (2004-2013); Interacting with Computers (2003-2013).
- Best paper awards at CHI 2018, 2013, 2012, 2011 (awarded to the top 1% of submissions) and 13 Honourable Mention awards (top 5%) at ACM CHI.
- H-index impact factor of 62 (Google Scholar).

Excellent educator and public speaker

- Long track record of outstanding student evaluations.
- Nominated for the New Zealand National Tertiary Teaching Award, 2010. Recipient of a University of Canterbury Teaching Award (2004) and many nominations for student-elected 'lecturer of the year' award.

Experienced expert witness and consultant

- Testifying expert witness on behalf of industry leaders in various jurisdictions, including the Federal Court of Australia, US Federal Court, US Patent Trial and Appeal Board, and the US International Trade Commission.

Education

Degree	PhD (June 1993)
Discipline	Computer Science — Computer Supported Cooperative Work
Location	University of Stirling, Scotland
Thesis Title	Groupware Design: Principles, Prototypes, and Systems

Degree	BSc(Hons) (July 1988)
Discipline	Computer Science
Location	University of York, England

Employment History

Position	Emeritus Professor Computer Science and Software Engineering University of Canterbury Christchurch New Zealand
Employment Period	June 1993 — June 2025 (promoted through lecturer, senior lecturer, associate professor, to professor)

Research Student Supervision

PhD candidates

Stewart Dowding	2021–	Interaction Pace and User Preferences
Pang Suwanaposee	2020–2024	Cognitive Biases and the Subjective Experience of Interaction
Sarmad Soomro	2017–2021	Interaction with In-Vehicle Touchscreens
Joshua Leung	2013–2017	Interactive Highlighting Techniques: Noticeability and Distraction
Philip Quinn	2012–2016	Econ. Behaviour & Psych.l Biases in Human-Computer Interaction
Tham Piumsomboon	2011–2015	Adaptive and Multimodal Interfaces for Collaborative Augmented Reality
Joey Scarr	2011–2014	Improving Interaction with Spatial User Interfaces
Stephen Fitchett	2010–2013	Understanding and Improving Personal File Retrieval
Susanne Tak	2008–2011	Improving Interfaces for Window/Task Switching
Jason Alexander	2006–2009	Improving Interfaces for Document Navigation
Joerg Hauber	2004–2008	Remote Collaboration in Video Collaborative Virtual Environments
Julian Looser	2003–2007	AR Magic Lenses: Focus and Context in Augmented Reality
V. Buchmann (A. sup.)	2004–2008	Haptic Feedback in Augmented Reality
Carl Cook (A. sup.)	2002–2006	Collaborative Software Engineering
Tim Wright	2000–2004	Collab. Multiple-Notation Programming Environments for Children
Michael JasonSmith	2000–2006	User Interfaces for Temporal Awareness

M.Sc. candidates

Ben McDonald	2010–2011	Multiuser interaction with large public displays
Dominic Winkler	2009–2011	Interaction Techniques for Cross Context Activities
Taher Amer	2005–2006	Evaluating SwiftPoint
Trond Nilsen	2004–2006	Hybrid Interfaces in Augmented Reality
Joshua Savage	2003–2004	Calibration & Evaluation of Speed-Dependent Automatic Zooming Interfaces
Ben Schmidt	2001–2002	A Study of Bimanual Interaction
Elizabeth Ng (A. sup.)	1997–1998	Pen-based music input
Aaron Tay	1994–1995	End-User Tailorability in Workflow Design

Honours candidates and Honours-level interns

Joel Harrison	2012	Improving Command Selection
Joshua Leung	2012	Improving File Access
Jerome Delamarche	2010	Multiple Trajectory Pointing Methods
Joey Scarr	2010	Improving Expertise Development in User Interfaces
Stephen Fitchett	2009	Improved Mobile Scrolling Interfaces
Philip Quinn	2007	Improving Command Interfaces
Keith Humm	2007	Improving Interfaces for Task Switching
Jason Alexander	2005	Improving Document Navigation with Space-Filling Thumbnails
Philip Brock	2005	Target Acquisition with Visually Expanding Targets
David Mitchell	2003	Evaluating Focus+Context Screens
Andrew Wallace	2003	Calibrating Speed-Dependent Automatic Zooming
Andrew Barrett	2002	Implementing RSVP as an Image Browser
Julian Looser	2002	3D Games as Motivation in Fitts' Law Experiments
Joshua Savage	2002	Implementing and Evaluating Speed-Coupled Scrolling
Amal Siresena	2002	Mobile Text Entry
Michael Moyle	2001	An Evaluation of Simple Gesture Based Controls
Lee Butts	2001	Mobile Phone Text Entry
Eddie Edwards	2001	Towards Scalable Interfaces Using Spatial Cues
Gene Thomas	1997	Smart Desktop
Olof Eilert	1997	User Interfaces for Object Oriented Literate Programming
Philip Weir	1996	Distortion Oriented Workspace Awareness
Carey Evans	1996	Assisting World Wide Web Navigation
Justin Macfarlane	1995	Mawd: A Collaborative Analysis Tool
Carl Cerecke	1995	TRAIL: An Email Based CSCW Toolkit
Andrew Bryant	1995	Leogo: An Equal Opportunity Programming Environment
Ian Bosely	1994	SPI: A Social Presence Indicator

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Postgraduate Thesis Examinations

Pang Suwanaposee	PhD	Supervisor	University fo Canterbury	2024
Sarmad Soomro	PhD	Supervisor	University fo Canterbury	2021
Katherine Fennedy	PhD	External Examiner	Singapore University of Tech. & Design	2021
Praveenkumar Kanithi	PhD	Chair	University of Canterbury	2020
Ori Gagoni	PhD	Chair	University of Canterbury	2019
Alaeddin Nassani	PhD	Chair	University of Canterbury	2019
Veera Mandalika	PhD	Chair	University of Canterbury	2018
Jessalyn Alvina	PhD	Examiner	Université Paris Sud	2017
Hyungon Kim	PhD	Chair	University of Canterbury	2017
Thomas Young	PhD	Chair	University of Canterbury	2017
Craig Sutherland	PhD	Examiner	University of Auckland	2016
David Thompson	PhD	Chair	University of Canterbury	2016
Philip Quinn	PhD	Supervisor	University of Canterbury	2016
Daniel Bradley	PhD	Examiner	University of Queensland	2016
David Altimera	PhD	Chair	University of Canterbury	2015
Jakub Zlotowsky	PhD	Chair	University of Canterbury	2015
Thammathip Piumsomboon	PhD	Supervisor	University of Canterbury	2015
Robert Schattschnieder	PhD	Chair	University of Canterbury	2014
Hazel Bradshaw	PhD	Chair	University of Canterbury	2014
Amur Al Manji	PhD	Examiner	University of Auckland	2014
Amir Shareghi Najar	PhD	Chair	University of Canterbury	2014
Joey Scarr	PhD	Supervisor	University of Canterbury	2014
Stephen Fitchett	PhD	Supervisor	University of Canterbury	2014
Amali Weeseringhe	PhD	Chair	University of Canterbury	2012
Sayan Ray	PhD	Chair	University of Canterbury	2012
Christina Dicke	PhD	Chair	University of Canterbury	2012
Minkyung Lee	PhD	Chair	University of Canterbury	2010
Jason Alexander	PhD	Supervisor	University of Canterbury	2009
Leah Findlater	PhD	Examiner	University of British Colombia	2009
Judy Bowen	PhD	Examiner	University of Waikato	2008
Joerg Hauber	PhD	Supervisor	University of Canterbury	2008
Julian Looser	PhD	Supervisor	University of Canterbury	2008
Michael JasonSmith	PhD	Supervisor	University of Canterbury	2006
Tim Wright	PhD	Supervisor	University of Canterbury	2005
Beryl Plimmer	PhD	Examiner	University of Waikato	2003
Gorden Paynter	PhD	Examiner	University of Waikato	2000
Gitesh K Raikundalia	PhD	Examiner	Bond University	1997
Ramon Craig Standing	PhD	Examiner	University of Western Australia	1997
Ying Leung	PhD	Examiner	Massey University	1995
Qi Min Ser	Masters	Examiner	University of Canterbury	2016
Taher Amer	Masters	Supervisor	University of Canterbury	2006
Trond Nilsen	Masters	Supervisor	University of Canterbury	2006
Akhil Mehra	Masters	Examiner	University of Auckland	2005
Aparna Krishnan	Masters	Examiner	University of Waikato	2003
Shaun Kaasten	Masters	Examiner	University of Calgary	2001
Boyd Ludlow	Masters	Examiner	University of Waikato	1999
Donald Cox	Masters	Examiner	University of Calgary	1998
Wallace Chigona	Masters	Examiner	Waikato University	1997
Simon Gianoutsos	Masters	Examiner	Waikato University	1997
Jing Deng	Masters	Examiner	Waikato University	1996 and 1997
Aaron Tay	Masters	Examiner	University of Canterbury	1996

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Student glory

Pang Suwanaposee	PhD	2022	Google PhD Fellowship Award AUD$15,000.
Pang Suwanaposee	PhD	2021	CHI Honourable Mention award.
Joey Scarr	PhD	2016	Bennett Award for Distinguished C.S. PhD thesis in Australasia.
Philip Quinn	PhD	2015	US Patent Awarded (Google Assignee).
Philip Quinn	PhD	2014	US Patent Awarded (Google Assignee).
Stephen Fitchett	PhD	2014	CHI Honourable Mention award.
Philip Quinn	PhD	2013	Google Mountain View Internship.
Stephen Fitchett	PhD	2013	CHI Best Paper award.
Joey Scarr	PhD	2013	CHI Honourable Mention award.
Joey Scarr	PhD	2013	CHI ReplicCHI award.
Joey Scarr	PhD	2012	CHI Best Paper award.
Stephen Fitchett	PhD	2012	CHI Honourable Mention award.
Philip Quinn	PhD	2012	Google Mountainview Internship.
Joey Scarr	PhD	2012	Google Sydney Internship.
Stephen Fitchett	PhD	2011	Outstanding reference from Darren Edge, Microsoft Research Asia.
Joey Scarr	PhD	2012	$3K for 2nd place in University ‘PhD in 3’ competition.
Joey Scarr	PhD	2012	$1K for 1st place in College ‘PhD in 3’ competition.
Stephen Fitchett	PhD	2012	$1K for 3rd place in College ‘PhD in 3’ competition.
Philip Quinn	PhD	2011	Honourable Mention award ACM CHI’11.
Joey Scarr	PhD	2011	Google Sydney Internship.
Susanne Tak	PhD	2010	$5K Google Anita Borg Scholarship
Susanne Tak	PhD	2010	$3K from ACM for participation at CHI’s Doctoral Consortium
Jason Alexander	PhD	2010	PhD Thesis placed on “Dean’s list for excellence” (top 10%)
Susanne Tak	PhD	2009	$2K award for 1st place in College Research Poster competition
Jason Alexander	PhD	2008	$1K award for 2nd place in College Research Poster competition
Jason Alexander	PhD	2008	Sweeney best student paper award, Graphics Interface ’08.
Mark Hancock	PhD	2007	Best paper nomination at ACM CHI’07.
J. Savage & A. Wallace	M.Sc.	2005	Best paper nomination at ACM CHI’05.
Mike Moyle	Hons	2005	NZ Hi-Tech Young Achiever of the Year Award

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Publications

Edited Volumes

EV1 J McGrenere and A Cockburn (Eds.) Proceedings of ACM CHI 2020 Conference on Human Factors in Computing Systems.

EV2 J McGrenere and A Cockburn (Eds.) Extended Abstracts of ACM CHI 2020 Conference on Human Factors in Computing Systems.

EV3 M Billinghurst and A Cockburn (Eds.) Proceedings of the Sixth Australasian User Interface Conference (AUIC2005). Volume 40 of the Conferences in Research and Practice in Information Technology, Australian Computer Society.

EV4 A Cockburn (Ed.) Proceedings of the Fifth Australasian User Interface Conference (AUIC2004). Volume 28 of the Conferences in Research and Practice in Information Technology, Australian Computer Society.

Papers in Refereed Journals and Collections

J1 A Cockburn, D Hills, Z Che, and C Gutwin. User Interface Evaluation Through Implicit-Association Tests. *Proceedings of the ACM on Human-Computer Interaction.* EICS, Article v8eics262. 2024.

J2 A Cockburn, A Goguey, C Gutwin, Z Chen, P Suwanaposee, and S Dowding. Automatically Adapting System Pace Towards User Pace – Empirical Studies. *International Journal of Human-Computer Studies.* 185:103228. May. 2024.

J3 S Dowding, C Gutwin, and A Cockburn. User Speech Rates and Preferences for System Speech Rates. *International Journal of Human-Computer Studies.* 184:103222. April. 2024.

J4 P Suwanaposee, C Gutwin, and A Cockburn. The Influence of Audio Effects and Attention on the Perceived Duration of Interaction. *International Journal of Human-Computer Studies.* 159:102756. March. 2022.

J5 J Leung and A Cockburn. Design Framework for Interactive Highlighting Techniques. *Foundations and Trends in Human-Computer Interaction.* 14(2-3):96-271. 2021.

J6 AF Mairena, C Gutwin, and A Cockburn. Which Emphasis Technique to Use? Perception of Emphasis Techniques with Varying Distractors, Backgrounds, and Visualization Types. *Information Visualization.* 21(2):95-129. 2022.

J7 A Cockburn, P Dragicevic, L Besançon and C Gutwin. Threats of a Replication Crisis in Empirical Computer Science. *Communications of the ACM.* 63(8):70-79. August 2020.

J8 M Claypool, A Cockburn and C Gutwin. The Impact of Motion and Delay on Selecting Game Targets with a Mouse. *ACM Transactions on Multimedia Computing, Communications, and Applications.* 16(2s):73, 1-14. June 2020.

J9 P Quinn and A Cockburn. Loss Aversion and Preference in Interaction. *Human-Computer Interaction Journal.* 35(2):143-190. 2020. (Online from 2018).

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J10 A Cockburn, D Masson, C Gutwin, P Palanque, A Goguey, M Yung, C Gris and C Trask. Design and Evaluation of Braced Touch for Touchscreen Input Stabilisation. *International Journal of Human-Computer Studies.* 122:21-37. 2018.

J11 B Lafreniere, C Gutwin, and A Cockburn. Investigating the Post-Training Persistence of Expert Interaction Techniques. *ACM Transactions on Human-Computer Interaction.* 24(4): Article 29 (46 pages). 2017.

J12 A Cockburn, P Quinn and C Gutwin The Effects of Interaction Sequencing on User Experience and Preference. *International Journal of Human-Computer Studies.* 108:89-104. 2017.

J13 J Aceituno, S Malacria, P Quinn, N Roussel, A Cockburn and G Casiez. The Design, Use, and Performance of Edge-Scrolling Techniques. *International Journal of Human-Computer Studies.* 97:58-76. 2017.

J14 J Scarr, C Gutwin, A Cockburn and A Bunt. StencilMaps and EphemeralMaps: Spatially Stable Interfaces that Highlight Command Subsets. *Behaviour and Information Technology.* 34(11):1092-1106. 2015.

J15 S Fitchett and A Cockburn. An Empirical Characterisation of File Retrieval. *International Journal of Human-Computer Studies.* 74:1-13. 2015.

J16 A Cockburn, C Gutwin, J Scarr and S Malacria. Supporting Novice to Expert Transitions in User Interfaces. *ACM Computing Surveys.* 47(2):31:1-36. 2014.

J17 J Scarr, A Cockburn and C Gutwin. Supporting and Exploiting Spatial Memory in User Interfaces. *Foundations and Trends in Human-Computer Interaction.* 6(1):1-84. 2013.

J18 P Quinn, A Cockburn and J Delamarche. Examining the Costs of Multiple Trajectory Pointing Techniques. *International Journal of Human-Computer Studies.* 71(4):492-509. 2013.

J19 S Tak and A Cockburn. Enhanced Spatial Stability with Hilbert and Moore Treemaps. *Transactions on Visualization and Computer Graphics*. 19(1):141-148. 2013.

J20 A Cockburn, D Ahlstrom and C Gutwin. Understanding Performance in Touch Selections: Tap, Drag, and Radial Pointing Drag with Finger, Stylus and Mouse. *International Journal of Human-Computer Studies*. 70(3):218-233. 2012.

J21 J Hauber, A Cockburn, M Billinghurst and H Regenbrecht. The Impact of Collaborative Style on the Perception of 2D and 3D Videoconferencing Interfaces. *Open Software Engineering Journal*. 6:1-20. 2012.

J22 A Cockburn, P Quinn, C Gutwin, G Ramos and J Looser. Air Pointing: Design and Evaluation of Spatial Target Acquisition with and without Visual Feedback. *International Journal of Human-Computer Studies*. 69:401-414. 2011.

J23 E Tanvir, A Bunt, A Cockburn and P Irani. Improving Cascading Menu Selections with Adaptive Activation Areas. *International Journal of Human-Computer Studies*. 69:769-785. 2011.

J24 A Cockburn and C Gutwin. A Model of Novice and Expert Navigation Performance in Constrained Input Interfaces. *ACM Transactions on Computer-Human Interaction*. ACM Press. 7(3):1-38. 2010.

J25 A Cockburn and C Gutwin. A Predictive Model of Human Performance with Scrolling and Hierarchical Lists. *Human-Computer Interaction Journal*. Taylor and Francis. 24(3): 273-314. 2009.

J26 A Cockburn, A Karlson and B Bederson. A Review of Overview+Detail, Zooming, and Focus+Context Interfaces. *ACM Computing Surveys.* ACM Press. 41(1): 1-31. 2008.

J27 J Alexander, A Cockburn and R Lobb. AppMonitor: A Tool for Recording User Actions in Unmodified Windows Applications. *Behavior Research Methods*. Psychonomic Society. 40(2): 413-421. 2008.

J28 G Casiez, D Vogel, R Balakrishnan and A Cockburn. The Impact of Control-Display Gain on User Performance in Pointing Tasks. *Human-Computer Interaction Journal*. Taylor and Francis. 23(3): 215-250. 2008.

J29 S Jones, M Jones, G Marsden, D Patel and A Cockburn. An Evaluation Of Integrated Zooming and Scrolling On Small Screens *International Journal of Human-Computer Studies*. 63(3): 271–303. Elsevier Science. 2005.

J30 A Cockburn and S Brewster. Multimodal Feedback for the Acquisition of Small Targets *Ergonomics*. Taylor & Francis. 48(9): 1129–1150. 2005.

J31 M Moyle and A Cockburn. A Flick in the Right Direction: A Case Study of Gestural Input *Behaviour and Information Technology*. 24(4): 275–288. Taylor & Francis. 2005.

J32 A Cockburn. Web Browsers *Berkshire Encyclopedia of Human-Computer Interaction*. Bainbridge, WS (Editor). Volume 1: 80–83. Berkshire Publishing. 2004.

J33 A Cockburn and B McKenzie. Evaluating Spatial Memory in Two and Three Dimensions *International Journal of Human-Computer Studies*. 61(3): 359–373. Elsevier Science. 2004.

J34 A Cockburn and M Smith. Hidden Messages: Evaluating the Efficiency of Code Elision in Program Navigation *Interacting with Computers: The Interdisciplinary Journal of Human-Computer Interaction*. 15(3): 387–407. 2003.

J35 A Cockburn, S Greenberg, S Jones, B McKenzie and M Moyle. Improving Web Page Revisitation: Analysis, Design, and Evaluation *Information Technology and Society: Special Issue on Web Navigation, editors B Shneiderman, J Lazar, M Ivory*. 3(1): 159–183. 2003.

J36 A Cockburn, B McKenzie and M JasonSmith. Pushing Back: Evaluating a New Behaviour for the Back and Forward Buttons in Web Browsers *International Journal of Human-Computer Studies*. 57(5):397–414. Elsevier Science. 2002.

J37 T Bell, A Cockburn, B McKenzie and J Vargo. Digital Lectures: If You Make Them, Will Students Use Them? Constraints on Effective Delivery of Flexible Learning Systems *International Multimedia Electronic Journal of Computer-Enhanced Learning*. 3(2). Association for the Advancement of Computing in Education. 2001 This paper was one of 25 (from 115 full papers) selected from the proceedings of ED-MEDIA 2001 for adaptation and inclusion in the journal.

J38 A Cockburn. Supporting Tailorable Program Visualisations with Literate Programming and Fisheye Views. *Information and Software Technology*. 43(13):745–758. Elsevier Science. 2001.

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J39 A Cockburn, T Bell and B McKenzie. Death to the Office of the Nineties: An HCI Perspective on Some Problems in Modern Office Information Systems *Journal of Research and Practice in Information Technology, Special Issue on Human-Computer Interaction (HCI).*, 33(1):68–82. Australian Computer Society. 2001.

J40 A Cockburn and B McKenzie. What Do Web Users Do? An Empirical Analysis of Web Use. *International Journal of Human-Computer Studies*, 54(6):903–922. Academic Press. 2001.

J41 A Cockburn and S Greenberg. Issues of Page Representation and Organisation in Web Browser's Revisitation Tools. *Australian Journal of Information Systems*, 7(2):120–127. 2000.

J42 A Cockburn and P Weir. An Investigation of Groupware Support for Collaborative Awareness Through Distortion-Oriented Views. *International Journal of Human Computer Interaction*, 11(3):231–255. Lawrence Erlbaum Associates. 1999.

J43 A Cockburn and S Greenberg. The Design and Evolution of TurboTurtle, a Collaborative Microworld for Exploring Newtonian Physics. *International Journal of Human-Computer Studies*, 48(6):777-801. Academic Press. 1998.

J44 A Cockburn and A Bryant. Leogo: An Equal Opportunity User Interface for Programming. *Journal of Visual Languages and Computing*, 8(5–6):601–619. Academic Press. 1997.

J45 A Cockburn and S Jones. Which way now? Analysing and Easing Inadequacies in WWW Navigation. *International Journal of Human-Computer Studies*, 45(1):105–129. Academic Press. 1996.

J46 A Cockburn and S Jones. Four Principles for Groupware Design. *Interacting with Computers: The Interdisciplinary Journal of Human-Computer Interaction*, 7(2):195–210. Elsevier. 1995.

J47 HW Thimbleby, SP Marsh, SR Jones, and AG Cockburn. Trust in CSCW. In S Scrivener, editor, *Computer-Supported Cooperative Work*, pages 253–271. Ashgate Publishing, 1994.

J48 H Thimbleby, A Cockburn, and S Jones. Hypercard: An Object-Oriented Disappointment. In P Gray and R Took, editors, *Building Interactive Systems: Architectures and Tools*, pages 35–55. Springer-Verlag, 1992.

Papers in Refereed Conference Proceedings

C1 C Gutwin, CD Beattie, A Cockburn, E Redekopp. Understanding and Improving the Performance of Action Pointing. *Proceedings of ACM CHI 2025.* Yokohama, Japan. *2025.*

C2 K Kargut, C Gutwin, A Cockburn. Effects of Device Environment and Information Layout on Spatial Memory and Performance in VR Selection Tasks. *Proceedings of ACM CHI 2024.* Hawai'i. *2024.*

C3 P Suwanaposee, C Gutwin, Z Chen, A Cockburn. 'Specially For You' – Examining the Barnum Effect's Influence on the Perceived Quality of System Recommendations. *Proceedings of ACM CHI 2023.* Hamburg, Germany. *2023.*

C4 A Cockburn, P Quinn, C Gutwin, Z Chen, P Suwanaposee. Probability Weighting in Interactive Decisions: Evidence for Overuse of Bad Assistance, Underuse of Good Assistance. *Proceedings of ACM CHI 2022.* New Orleans, USA. *2022.*

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C5 K Lam, C Gutwin, M Klarkowski, and A Cockburn. More Errors vs. Longer Commands: The Effects of Repetition and Reduced Expressiveness on Input Interpretation Error, Learning, and User Preference. *Proceedings of ACM CHI 2022.* New Orleans, USA. *2022.*

C6 A Goguey, C Gutwin, Z Chen, P Suwanaposee, and A Cockburn. Interaction Pace and User Preferences. *Proceedings of ACM CHI 2021.* Yokohama, Japan. *2021.* **Honourable mention award**

C7 K Lam, C Gutwin, M Klarkowski, and A Cockburn. The Effects of System Interpretation Errors on Learning New Input Mechanisms. *Proceedings of ACM CHI 2021.* Yokohama, Japan. *2021.* **Honourable mention award**

C8 S Liu, M Claypool, A Cockburn, R Eg, C Gutwin, and K Raaen. Datasets – Moving Target Selection with Delay. *Proceedings of the 12th ACM Multimedia Systems Conference (MMSys '21),* Istanbul, Turkey. *2021.*

C9 N Bandeira Romao Tome, M Klarkowski, C Phillips, RL Mandryk, A Cockburn, and C Gutwin. Risking Treasure: Testing Loss Aversion in an Adventure Game. *Proceedings of ACM CHI PLAY 2020 Symposium on Computer-Human Interaction in Play.* Ottawa, Canada. *2020.*

C10 P Schmid, S Malacria, A Cockburn and M Nancel. Interaction Interferences: Implications of Last-Instant System State Changes. *Proceedings of ACM UIST'2020 Symposium on User Interface Software and Technology.* Minneapolis, USA. *2020.*

C11 P Palanque, A Cockburn and C Gutwin. A Classification of Faults Covering the Human-Computer Interaction Loop. *Proceedings of SafeComp 2020: 39th International Conference on Computer Safety, Reliability and Security.* Lisbon, Portugal. *2020.*

C12 A Mairena, M Dechant, C Gutwin and A Cockburn. A Baseline Study of Emphasis Effects in Information Visualization. *Proceedings of Graphics Interface 2020.* Toronto, Canada. *2020.*

C13 C Gutwin, A Cockburn, M van der Kamp, J Storring and C Philips. Testing the Limits of the Spatial Approach: Comparing Retrieval and Revisitation Performance of Spatial and Paged Data Organizations for Large Item Sets. *Proceedings of Graphics Interface 2020.* Toronto, Canada. *2020.*

C14 A Cockburn, B Lewis, P Quinn and C Gutwin. Framing Effects Influence Interface Feature Decisions. *Proceedings of ACM CHI 2020.* Hawai'i. *2020.*

C15 B Lewis, G d'Eon, A Cockburn and D Vogel. KeyMap: Improving Keyboard Shortcut Vocabulary Using Norman's Mapping. *Proceedings of ACM CHI 2020.* Hawai'i. *2020.*

C16 A Goguey, S Malacria, A Cockburn, and C Gutwin. Reducing Error Aversion to Support Novice-to-Expert Transitions with FastTap. *Proceedings of the 31st Francophone Conference on Human-Computer Interaction – IHM 2019.* Grenoble, France. *2019.* **Best paper award**

C17 P Palanque, A Cockburn, L Désert-Legendre, C Gutwin and Y Déléris. Brace Touch: a Dependable, Turbulence-Tolerant, Multi-Touch Interaction Technique for Interactive Cockpits. *Proceedings of the 38th International Conference on Computer Safety, Reliability and Security - SafeComp 2019.* Turku, Finland. *2019.*

C18 C Martinie, P Palanque, E Bouzekri, A Cockburn, A Canny and E Barboni. Analysing and Demonstrating Tool-Supported Customizable Task Notations. *Proceedings of the 11th ACM SIGCHI Symposium on Engineering Interactive Computing Systems.* Valencia, Spain. *2019.*

C19 Q Roy, C Zakaria, W Kim, M Nancel, ST Perrault, A Misra and A Cockburn. A Comparative Study of Pointing Techniques for Eyewear Using a Simulated Pedestrian Environment. *Proceedings of the 17th IFIP TC.13 International Conference on Human-Computer Interaction.* Cyprus. *2019.*

C20 A Cockburn and C Gutwin. Anchoring Effects and Troublesome Asymmetric Transfer in Subjective Ratings. *Proceedings of ACM CHI 2019.* Glasgow, Scotland. *2019.*

C21 AF Mairena, C Gutwin, A Cockburn and LJ Elias The Effects of Feature Combination and Task Demands on Peripheral Notifications in Large Displays. *Proceedings of ACM CHI 2019.* Glasgow, Scotland. *2019.*

C22 M Claypool, A Cockburn and C Gutwin. Game Input with Delay – Moving Target Selection Parameters. *Proceedings of ACM Multimedia Systems Conference 2019.* Amhurst, MA. *2019.*

C23 A Cockburn, D Woolley, K Tran Pham Thai, D Clucas, S Hoermann, and C Gutwin. Reducing the Attentional Demands of In-Vehicle Touchscreens with Stencil Overlays. *Proceedings of ACM Automotive UI 2018.* Toronto, Canada. *2018.*

C24 A Cockburn, C Gutwin and A Dix. HARK No More: On the Preregistration of CHI Experiments. *Proceedings of ACM CHI 2018.* Montreal, Canada. *2018.* Paper 141. **Best paper award**

C25 A Goguey, G Casiez, A Cockburn and C Gutwin. Storyboard-Based Empirical Modelling of Touch Interface Performance. *Proceedings of ACM CHI 2018.* Montreal, Canada. *2018.* Paper 445. **Honourable mention award**

C26 A Cockburn, C Gutwin, P Palanque, Y Deleris, C Trask, A Coveney, M Yung and K MacLean. Turbulent Touch: Touchscreen Input for Cockpit Flight Displays. *Proceedings of ACM CHI 2017.* Denver, CO. *2017.* 6742-6753.

C27 C Gutwin, A Cockburn and N Gough. A Field Experiment of Spatially-Stable Overviews for Document Navigation. *Proceedings of ACM CHI 2017.* Denver, CO. *2017.* 5905-5916.

C28 C Gutwin, A Cockburn and A Coveney. Peripheral Popout: The Influence of Visual Angle on Popout Effects. *Proceedings of ACM CHI 2017.* Denver, CO. *2017.* 208-219.

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O3 Marsden update. 'Young researchers experience international science.' (PhD student Stephen Fitchett). February 2012.

O4 Magazine article. New Zealand Listener. "Charge of the tech brigade". Mar 31, 2012.

O5 Newspaper article. The Press. "Conference acceptance a coup". Dec 22, 2011.

O6 Newspaper article. The Press. "Intuitive Innovations". Feb 22, 2011.

O7 UC Communications. 'UC/Microsoft internship opens up world for computer science student.' Mar 22, 2011.

O8 Marsden update. 'Highlights of the 2010 funding round.' November 2010.

O9 Magazine article. 'Profiling Excellence'. Royal Society of New Zealand. 'Thirty years of research in a single hit', March 2010.

O10 Newspaper article. Sydney Morning Herald. 'Computer mouse still rules, says expert', Jan 19, 2010. (Widely syndicated through AAP.)

`http://news.smh.com.au/breaking-news-national/computer-mouse-still-rules-says-expert-20100119-mhnp.html`

O11 Newspaper article. Dominion Post. 'Next-step mouse on its way', Feb 1, 2010.

O12 Radio Interview (Live). ABC Perth. 'Drive Time' program. January 19th, 2010.

O13 Newspaper article. The Press. 'Boost for Computer Activation Project', Nov. 5, 2009.

O14 Radio interview (Sweden). 'Highlights of the INTERACT Conference', Sept 3 2009. `http://www.sr.se/cgi-bin/p1/program/artikel.asp?ProgramID=406&nyheter=1&artikel=3075930`

O15 Newspaper article. Dominion Post. 'Kiwi mouse comes out of hiding', March 10, 2008. `http://www.stuff.co.nz/4433363a28.html`

O16 Newspaper article. Christchurch Press. 'Fast Kiwi mouse attracts interest from big players', March 5, 2008. `http://www.stuff.co.nz/4425499a28.html`

O17 Newspaper article. The Age (Australia). 'Kiwi mouse attracts interest', March 5, 2008. `http://http://www.theage.com.au/news/biztech/kiwi-mouse-attracts-interest/2008/03/10/1204998342852.html`

O18 Magazine article. Marsden Update. 'Document Navigation', December 2008.

O19 Interview. IEEE Spectrum. 'A New Spin on the Computer Mouse', October 2006. `http://www.spectrum.ieee.org/oct06/4668`

O20 Video. Faster Document Navigation with Space-Filling Thumbnails *Video in the Video Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI2006)* Montreal, Canada, April *2006*. http://www.cosc.canterbury.ac.nz/~andy/sft.mov

O21 Video. Tuning and Testing Scrolling Interfaces that Automatically Zoom *Video in the Refereed Video Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI2005)* Portland, Oregon, April *2005*. http://www.cosc.canterbury.ac.nz/~andy/tuning-n-testing.wmv

O22 Video. Around the World in Seconds with Speed-Dependent Automatic Zooming *Video and Demonstration at the ACM Conference on User Interface Software and Technology* Vancouver, Canada, November *2003*. http://www.cosc.canterbury.ac.nz/~andy/uist-sdaz.avi

O23 Radio Interview. BBC World Service. 'Go Digital' program. January 14th, 2003 http://news.bbc.co.uk/2/hi/technology/2677337.stm

O24 Nature Journal's Science Update. 'Browsers go back to the future' www.nature.com/nsu/021230/021230-3.html

O25 'The Register' in the UK. 'Kiwis redesign the Back button'. http://www.theregister.co.uk/content/6/28729.html

O26 Canadian Broadcast Corporation. Programmers try out alternative to browser's back button. http://cbc.ca/storyview/CBC/2002/12/30/back_button021230

O27 Slashdot. 'Redesigning The "Back" Button' slashdot.org/article.pl?sid=02/12/30/1727206&mode=thread&tid=95

O28 NZOOM's Technology Page. technology.nzoom.com/technology_subcategory/0,1610,113-116,00.html

O29 Newspaper Interview. Christchurch Press. 'Better Going Back', Feb 11, 2003.

O30 University Chronicle. "Taking the frusturation out of the web", Feb 20, 2003.

O31 S Greenberg, C Gutwin, and A Cockburn. Applying Distortion-Oriented Displays to Groupware. Video Programme of the ACM Conference on Computer Supported Cooperative Work. 1996.

O32 S Greenberg, C Gutwin, and A Cockburn. Sharing fisheye views in relaxed-WYSIWIS groupware applications. Technical Report 95/577/29, Department of Computer Science, University of Calgary, Calgary, CANADA., 1996.

O33 S Greenberg, C Gutwin, and A Cockburn. Using distortion-oriented displays to support workspace awareness. Technical Report 96/581/01, Department of Computer Science, University of Calgary, Calgary, CANADA., 1996.

O34 S Greenberg, C Gutwin, M Roseman, and A Cockburn. From awareness to teamrooms, groupweb and turboturtle: Eight snapshots of recent work in the grouplab project. Technical Report 95/580/32, Department of Computing Science, University of Calgary, Canada, December 1995.

O35 A Cockburn and S Greenberg. The design and evolution of turboturtle: A collaborative microworld for exploring newtonian physics. Technical Report tr-cosc.03.95, University of Canterbury, Christchurch. New Zealand, 1995.

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O36 AJG Cockburn. Social awareness without mega-bits. In *Proceedings of Uniforum. Rotoroa, New Zealand.*, 1994.

O37 AJG Cockburn. *Groupware design: principles, prototypes, and systems*. PhD thesis, Department of Computing Science and Mathematics, University of Stirling, Scotland. FK9 4LA, 1993. Available from British Libraries, or as Technical Report 107 from the University of Stirling.

O38 SRA Jones and AJG Cockburn. Reducing requirements in computer supported writing tasks, 1993. Paper presented at: 6th UK conference on computers and writing. University of Wales. April 13-15.

O39 AJG Cockburn and S Greenberg. Making contact: getting the group communicating. Technical Report 93/498/03, Department of Computer Science, University of Calgary, Alberta T2N 1N4 Canada, 1993.

O40 AJG Cockburn and HW Thimbleby. Reducing user effort in collaboration support. Technical Report 93, University of Stirling, Stirling, Scotland, FK9 4LA, 1992.

O41 AJG Cockburn and HW Thimbleby. A reflexive perspective of CSCW. *ACM SIGCHI Bulletin*, 23(3):63–68, July 1991.

O42 AJG Cockburn. A user's guide to TELEFREEK: a communication and social awareness environment. Technical Report 105, Department of Computing Science and Mathematics, University of Stirling, Stirling, Scotland, FK9 4LA, 1993.

O43 AJG Cockburn. A user's guide to *mona*: an enhanced email system. Technical Report 97, Department of Computing Science and Mathematics, University of Stirling, Stirling, Scotland, FK9 4LA, 1992.

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Grants and industry research/consulting

Project	Source	Date	Amount
The human experience of intelligent UIs	Marsden, NZ R. Soc. (19-UC-021)	2020-2023	$530,000
Travel expenses	Airbus & U. Paul Sabatier	2018	≈ $7,000
In-Vehicle Touchscreens	NZ Science for Innovation	2017	$200,000
Travel expenses	ACM CHI Steering Committee	2017	≈ $4,000
Travel expenses	Australian National University	2016	≈ $3,000
Travel expenses	Airbus & U. Paul Sabatier	2016	≈ $5,000
Travel expenses	ACM CHI Academy Award (Seoul)	2015	≈ $5,000
Benjamin Meaker Visiting Professorship	University of Bristol	2013	£7,000
Novice to expert transitions with UIs	Marsden, NZ R. Soc. (10-UC-020)	2011-2014	$496,000
Dynamic Multimodal Affordances	HP Innovations Award	2011-2012	US$40,000
Travel expenses	ACM UIST conference	June 2009	≈ $4,000
Postdoctoral Fellow	BuildIT	2011-2012	$116,000
Dynamic Multimodal Affordances	HP Innovations Award	2010-2011	US$40,000
Travel expenses	ACM UIST conference	June 2009	≈ $4,000
Scrolling device studies	Logitech Inc	2010	$10,000
Canadian GRAND project (int. collab.)	Canadian Centres of Excellence	2010-2014	C$25,000,000
BuildIT Emerging Researcher Mentoring Fund	BuildIT	2010	$8,000
Pythodogogical	UC Teaching and Learning	2009-2010	$15,000
Dynamic Multimodal Affordances	HP Innovations Award	2009-2010	US$40,000
Travel expenses	ACM UIST conference	June 2009	≈ $4,000
Travel expenses	ACM CHI conference	Nov. 2008	≈ $4,000
Improving document navigation interfaces	Marsden, NZ R. Soc. (07-UC-13)	2007–2010	$400,000
Accessible AR on Everyday Devices	FRST (UOCX0704)	2007–2011	$1,875,000
Usability training	Jade Software	2007	≈ $2,000
Usability training	AMI	2007	≈ $2,000
Expenses	Logitech Inc., California	April 2007	≈ $5,000
Expenses	Logitech Inc., California	July 2006	≈ $2,000
Grant in aid	University of Toronto	July 2006	≈ $8,000
Grant in aid	University of Saskatoon	June 2006	≈ $6,000
Grant in aid	University of Calgary	May 2006	≈ $3,000
Grant in aid	IBM Almaden Research, California	April 2006	≈ $3,000
NOKIA Pocket (Assoc. with HIT Lab).	Nokia Research Center	2006.	≈$100,000
Speed-Dependent Automatic Zooming	Computer Science	2003	$3,000
Evaluation of Speed-Coupled Scrolling	Computer Science	2002	$3,000
Multimedia Learning of Graphics (Assoc.)	UoC Teaching and Learning Ctte.	2002	$5,000
Fastap Evaluation	Digit Wireless LLC, MA, USA.	2002	$3,000
Supermedia—The MagicBook Project (Assoc.)	NZ NERF (UOCX0204)	2002	$333,000
Practical Flexible Delivery of Virtual Learning	UoC (U6360)	1999–2002	$40,000
Collaborative Programming for Children	Marsden, NZ Roy. Soc. (UC805)	2000–2002	$135,000
Evaluation of Back/Forward in Web-browsers	Computer Science	2001	$3,000
Interfaces for WWW navigation.	Microsoft Research, USA.	1999	≈ $8,000
HCI and multi-media research lab	Computer Science	1999	$7,400
Video analysis and multi-media lab	UoC (2313728)	1996	$30,000
Collaborative video analysis	Computer Science	1996	$3,000
Collaborative microworlds	Computer Science	1995	$4,000
Asynchronous groupware toolkits	Computer Science	1994	$2,000

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Academic Service

Grant reviewer	2024/5	European Research Council. ERC Advanced Grants.
Grant reviewer	2024	Swiss National Science Foundation.
EiC Cttee.	2024	Search committee for ACM ToCHI Editor in Chief.
Grant reviewer	2024	French National Research Agency (ANR).
Grant reviewer	2024	Israel Science Foundation (ISF).
External assessor	2019	Promotion to Full Professor: University of Toronto.
External assessor	2018	Promotion to Full Professor: University of Cambridge.
Rapporteur	2018	Habilitation, Dr Eric Lecolinet, Université Paris Sud, France.
Rapporteur	2018	Habilitation, Dr Marcos Serrano, Univ. Toulouse III Paul Sabatier, France.
External assessor	2017	Promotion application: University of Waterloo.
Chair	2018-2021	Technical program chair for ACM CHI 2020 Conference
Committee member	2016-2020	Steering Committee for the ACM CHI Conference
Rapporteur	2017	Habilitation, Dr Caroline Appert, University Paris-Sud, France.
Chair	2016-2018	CORE Chris Wallace Research Award Panel
Deputy Chair	2016-2018	PBRF Mathematical and Information Sciences Panel
Editorial	2015–2023	Editorial Board of Foundations and Trends in Human-Computer Interaction.
Editorial	2015–	Editorial Board of Human-Computer Interaction. Taylor and Francis.
Chair	2012–2015	Papers co-chair for ACM CHI 2014 and 2015 (over 2000 submissions).
Service Award.	2014.	ACM SIGCHI Recognition of Service Award.
Editorial	2012–2021	Editorial Board of ACM Transactions on Computer-Human Interaction. ACM.
Panel member	2011-2012	Member of the Mathematics, Information Sciences & Technology PBRF panel.
Panel member	2008–2009	BuildIT Postdoctoral Award.
Governance board	2008–2010	Elected member of the governance board of BuildIT.
Panel member	2009, 2011	Member of the Mathematics and Information Sciences Marsden panel.
Panel member	2008–2009	BuildIT Postdoctoral Award.
Panel member	2008–2010	BuildIT Emerging Reseacher Travel Fund.
Mentor	2009–2010	BuildIT mentor for early career researchers.
External assessor	2010	Docent application advisor, University of Tampere, Finland.
External assessor	2010	Promotion application for University of Auckland.
External assessor	2007, 2009	Promotion applications for INRIA, University Paris-Sud.
External assessor	2007	Postdoctoral applicants for Ryerson Univerity, Canada.
Editorial	2002–2013	Associate Editor for International Journal of Human-Computer Studies.
Editorial	2002–2013	Member Editorial Board for Interacting with Computers Journal.
Chair	2010–2011	Subcommittee Chair ACM CHI'11.
Senior Reviewing	2004–	Associate Chair (Papers) for ACM CHI'04, CHI'08, CHI'09.
Senior Reviewing	2009	Associate Chair (Papers) for ACM UIST 2009.
Senior Reviewing	2007	Short papers chair for INTERACT 2007
Chair	2004–2005	Papers chair for Australasian User Interface Conferences
Competition judge	2009	Student Research Competition at CHI 2009.
Journal Reviewing	1993–	Communications of the ACM, Human-Computer Interaction Journal, IEEE Transactions on Visualization and Computer Graphics, ACM Transactions on Computer-Human Interaction, Ergonomics, Information and Software Technology, Information Technology and Society, Interacting with Computers, Virtual Reality, Personal and Ubiquitous Computing, Journal of Computer-Mediated Communication, and International Journal of Human-Computer Studies.
Misc.	2003	Organised the 'Masterclass and Symposium on Interacting with and Through Next Generation Computer Systems', held at the University of Canterbury.
Organising committees	1996, 1998	OzCHI
Doctoral consortium	2008	CHI 2008
Other reviewing	Ongoing	Graphics Interface 2009, 2010, 2011; UIST Demos 2009; ACM CHI 2007, 2006, 2005, 2004, 2003, 2002. AICCS-07; ACM UIST 2007, 2006, 2005, 2003; InfoVis 2006; BEyond time and errors: novel evaLuation methods for Information Visualization (BELIV'06); ACM Advanced Visual Interfaces (AVI) 2006; IEEE Tencon'05; CHINZ'05; Interact'05; MobileHCI'05; ACM CSCW 2004; ACM UIST 2003; INTERACT 2003; Australasian User Interface Conference, 2000–2003; The Active Web, '99; ACM Conference on Data Communications 1994; ACM Conference on Human Factors in Computing Systems 1996; OZCHI'94-97; APCHI'96 & '98; ACM Hypertext '97; Graphics Interface '97; InterAct '97; ACM Group '97.

Invited seminar presentations outside the University of Canterbury

Keynote address, ACM Interactive Surfaces and Spaces Conference, Wellington, NZ.	November, 2022.
Keynote address, INTERACT Conference, Mumbai.	September, 2017.
Dean's Colloquium, ANU, Australia.	August, 2016.
Engineering & Computer Science, ANU, Australia.	August, 2016.
Institute of Advanced Studies, University of Bristol, UK.	August, 2013.
Department of Computer Science, University of Glasgow, UK.	August, 2013.
Colloquium Polaris, INRIA, Lille, France.	July, 2013.
Department of Computer Science, University of Manitoba, Canada.	August, 2010.
Department of Computer Science, University of British Colombia, Canada.	August, 2010.
Keynote address, Australasian Computer Science Week.	January, 2010.
Department of Computer Science, University of British Colombia, Canada.	July, 2009.
Department of Computer Science, University of Calgary, Canada.	July, 2008.
Department of Computer Science, Swansea University, UK.	September, 2008.
INRIA, Universite Paris-Sud, France.	September, 2006.
Department of Computer Science, Swansea University, UK.	August, 2006.
Logitech Inc., California.	July, 2006.
Department of Computer Science, Dalhousie University, Nova Scotia.	July, 2006.
Digital Graphics Project Lab, University of Toronto.	June, 2006.
Department of Computer Science, University of Saskatoon.	June, 2006.
Department of Computer Science, University of Calgary.	April, 2006.
IBM Almaden Research Centre.	March, 2006.
Digital Fusion Inc..	February, 2006.
Usability Professionals Association (UPA), Canterbury Innovation Incubator.	November, 2005.
Usability Professionals Association (UPA), Canterbury Innovation Incubator.	November, 2004.
Department of Computer Science, University of Calgary, Canada.	November, 2003.
Human-Computer Interaction Lab, Univ. of Maryland, College Park, USA.	October 2003.
Department of Computer Science, University of Glasgow.	September, 2003.
Department of Psychology, University of York.	September, 2003.
Interaction Centre, University College London.	September, 2003.
Department of Computer Science, University of Southampton.	September, 2003
New Zealand Computer Society, Christchurch.	June, 2003.
Department of Computer Science, University of Waikato.	December, 2002.
Allied Telesyn Research.	November, 2002.
Department of Computer Science, University of Calgary, Canada.	October, 2001.
Institute for Info. Tech., National Research Center, Ottawa, Canada.	October, 2001.
Grouplab, University of Calgary, Canada.	October, 2001.
Department of Computer Science, University of Saskatchewan, Canada.	October, 2001.
Department of Computer Science, University of Cape Town, South Africa.	September, 2001.
Department of Computer Science, Victoria University of Wellington.	July, 2000.
Inaugural ACM SIGCHI_NZ meeting. Massey University.	June 2000.
Department of Computer Science, University of Waikato.	May, 2000.
Department of Computer Science, University of Calgary.	March, 1999.
Center for LifeLong Learning and Design, University of Colorado, Boulder.	November, 1998.
Norsk Regencentral (Norwegian Research Centre), Oslo, Norway.	August, 1998.
Department of Computer Science, University of Calgary.	January, 1996.
Department of Computer Science, Massey University.	January, 1993.
Department of Computer Science, University of Waikato.	January, 1993.

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Visiting academics

Prof. Joanna McGrenere	University of British Columbia, Vancouver, Canada.	One month, 2023.
Prof. Carl Gutwin	University of Saskatchewan, Saskatoon, Canada.	Two months, 2023.
Dr. Philip Quinn	Google Research, Mountain View, California.	One year, 2020-2021.
Prof. Carl Gutwin	University of Saskatchewan, Saskatoon, Canada.	Four weeks, 2020.
Prof. Carl Gutwin	University of Saskatchewan, Saskatoon, Canada.	Seven weeks, 2015-2016.
Prof. Wolfgang Stuerzlinger	University of Waterloo, Canada	Three months, 2011-2012
Prof. Kari-Jouko Raiha	University of Tampere, Finland	Nine months, 2009-2010
Dr. Saila Ovaska	University of Tampere, Finland	Nine months, 2009-2010
Dr. David Ahlstroem	Klagenfurt University, Austria.	Eighteen months, 2008-2010.
Prof. Carl Gutwin	University of Saskatchewan, Saskatoon, Canada.	Three months, 2008.
Prof. Karon MacLean	University of British Colombia, Canada.	Six months, 2007-2008.
Prof. Bob Kraut	Carnegie Mellon University.	Erskine Visitor. Three months, 2008.
Prof. Andrew Monk	University of York, UK.	Three months, 2008.
Dr. Gonzalo Ramos	University of Toronto, Canada.	One month, 2007.
Prof. Carl Gutwin	University of Saskatchewan, Saskatoon, Canada.	Erskine Fellow. Four months, 2007.
Prof. Alistair Sutcliffe	University of Manchester, UK.	One month, 2007.
Prof. Carl Gutwin	University of Saskatchewan, Saskatoon, Canada.	One week, 2005.
Prof. Ben Bederson	University of Maryland, Maryland, USA.	One week, 2004.
Prof. Ben Shneiderman	University of Maryland, Maryland, USA.	Erskine Fellow. One month, 2003.
Prof. Jenny Preece	University of Maryland, Baltimore County, Maryland.	Erskine Fellow. One month, 2003.
Prof. Stephen Brewster	University of Glasgow, UK.	Erskine Fellow. Six months, 2003.
Prof. Gerhard Fischer	University of Colorado, Boulder.	One year, 2002–2003.
Prof. Bob Spence	Imperial College London.	Erskine Fellow. One month, 2002.
Prof. Gerhard Fischer	University of Colorado, Boulder.	Erskine Fellow. One month, 2000.
Prof. Harold Thimbleby	Middlesex University, UK.	Erskine Fellow. One month, 1997.
Dr Allen Cypher	Apple Research, Cuppertino, California.	One week, 1996.
Dr Akihiko Machizawa	Communications Research Laboratory, Japan.	Three years, 1996–1998.
Professor Brian Wyvill	University of Calgary, Canada.	Erskine Fellow. Two months, 1996.
Professor Saul Greenberg	University of Calgary, Canada.	Erskine Fellow. Six months, 1995.
Carl Gutwin	University of Calgary, Canada.	Two months, 1995.
Dr Steve Jones	University of Abertay, Dundee.	Six months, 1995.

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Expert Witness Consulting

Role	Expert witness for O'Melveny & Myers, counsel for Samsung. (analysis, reports, deposition).
Case	Mullen Industries versus Samsung. *Eastern District of Texas.* 2:24-CV-00049-JRG.
Dates	December 2024 – July 2025
Role	Expert witness for Fish & Richardson, counsel for LG. (analysis, reports).
Case	LG Electronics, Inc v. Maxell. *Patent Trial and Appeal Board.* IPR $\times$ 2.
Dates	October 2024 – July 2025
Role	Expert witness for White and Case, counsel for TikTok and ByteDance. (analysis, reports).
Case	DiStefano Website Innovations v. ByteDance et al. *Patent Trial and Appeal Board.* IPR $\times$ 2 and EPR $\times$ 2.
Dates	August 2024 –
Role	Expert witness for Pillsbury Winthrop Shaw Pittman, counsel for Slack Technologies and Salesforce. (analysis, reports).
Case	Wrinkl, Inc v. Slack Technologies/Salesforce. *Patent Trial and Appeal Board.* IPR $\times$ 2.
Dates	August 2024 –
Role	Expert witness for SBM Legal, counsel for New Zealand Te Whatu Ora Waitemata. (analysis, reports).
Case	Vinod Chand v. Health New Zealand Te Whatu Ora Waitemata. *Employment relations authority (regarding text auto-correct functionality).*
Dates	May 2024 – June 2024.
Role	Expert witness for Fish & Richardson, counsel for Apple. (analysis, reports, deposition $\times$ 6).
Case	Smith Interface Technologies v. Apple. *Patent Trial and Appeal Board.* IPR $\times$ 6; Re-exam declaration.
Dates	December 2023 – September 2025
Role	Expert witness for Fish & Richardson, counsel for Apple. (analysis, reports, deposition $\times$ 4).
Case	Masimo v. Apple. *Patent Trial and Appeal Board.* IPR $\times$ 2.
Dates	July 2023 – June 2025
Role	Expert witness for Finnegan, Henderson, Farabow, Garrett & Dunner, counsel for Samsung. (analysis).
Case	Smith Interface Technologies v. Samsung. *Eastern District of Texas.* 2:22-cv-00290-JRG
Dates	November 2022 – June 2023
Role	Expert witness for Morrison Foerster, counsel for Apple. (analysis, reports, deposition).
Case	Firstface Co. Ltd. v. Apple Inc. *Northern District of California.* 3:18-cv-02245-JD.
Dates	June 2022 – March 2024
Role	Expert witness for Finnegan, Henderson, Farabow, Garrett & Dunner, counsel for Samsung.

(analysis).
Case Village Green Technologies v. Samsung.
Eastern District of Texas. 2:21-cv-00323-JRG-RSP
Dates January 2022 – March 2022

Role Expert witness for Desmarais, counsel for IBM.
(analysis, reports, deposition).
Case Chewy, Inc. v. IBM.
Southern District of New York. 1:21-cv-01319-JSR.
Dates August 2021 – Jan 2023

Role Expert witness for Farella, Braun & Martel, counsel for Google.
(analysis, reports, testimony at trial).
Case Profectus Technology versus Google.
Western District of Texas. 6:20-cv-101-ADA.
Dates March 2021 – October 2021

Role Expert witness for Latham & Watkins and Allen & Overy, counsel for Facebook/Instagram/WhatsApp/Meta.
(analysis, reports, deposition).
Case Facebook/Meta Platforms *et al.* versus Wrinkl
Patent Trial and Appeal Board. IPR2021-00882, -00883
Dates February 2021 – November 2022

Role Expert witness for Morrison & Foerster, counsel for Renesas.
(analysis).
Case Neodron versus Renesas Electronics Corp.
Western District of Texas. 6:20-CV-00529.
Dates December 2020 – August 2021

Role Expert witness for DLA Piper, counsel for Samsung.
(analysis, declaration).
Case Neonode versus Samsung.
Western District of Texas. 6:20-CV-00507.
Dates September 2020 – June 2025

Role Expert witness for DLA Piper (counsel for Apple, Microsoft and ASUS), Morrison & Foerster (counsel for Amazon), Finnegan, Henderson, Farabow, Garrett & Dunner (counsel for LG), O'Melveny & Myers (counsel for Samsung), Vasquez Benisek & Lindgren (counsel for ASUS).
(analysis).
Case Neodron versus Apple, Microsoft, Amazon & others.
US International Trade Commission. 337-TA-1193.
Dates May 2020 – November 2020

Role Expert witness for Desmarais, counsel for IBM.
(analysis, reports).
Case IBM versus Zillow Group.
Central District of California. 8:19-CV-01777.
Dates October 2019 – May 2020

Role Expert witness for DLA Piper (counsel for Microsoft, HP, Lenovo), Morrison & Foerster (counsel for Amazon), Finnegan, Henderson, Farabow, Garrett & Dunner (counsel for Motorola and Lenovo), Alston & Bird (counsel for Dell), O'Melveny & Myers (counsel for Samsung).
(analysis, reports, deposition).
Case Neodron versus Microsoft, HP, Amazon, Samsung, Dell, Motorola, Lenovo.
US International Trade Commission. 337-TA-1162.
Dates August 2019 – December 2020

Role	Expert witness for Jones Day, counsel for Google and Huawei. (analysis).
Case	American Patents versus Huawei.
Dates	April 2019 – July 2019

Role	Expert witness for Gilbert+Tobin, counsel for Aristocrat Technologies. (reports, testimony at trial).
Case	Aristocrat Technologies versus Commissioner of Patents. *Federal Court of Australia.* NSD 1343/2018.
Dates	September 2018 – June 2020

Role	Expert witness for Williams & Connolly and Alston & Bird, counsel for Google and ASUS Inc. (reports, deposition).
Case	Koninklijke Philips versus ASUS. *Northern District of California* 4:18-cv-01885-HSG.
Dates	March 2016 – March 2020

Role	Expert witness for Williams and Connolly, counsel for Google Inc. (reports, deposition).
Case	Google versus Philips. *Patent Trial and Appeal Board.* IPR2017-00386/387/388/389.
Dates	March 2016 – March 2020

Role	Expert witness for DLA Piper, counsel for Apple Inc. (reports, deposition, testimony at trial).
Case	Immersion versus Apple. *US International Trade Commission.* 337-TA-1004 and 337-TA-990 (consolidated).
Dates	June 2016 – May 2017

Role	Expert witness for DLA Piper, counsel for Apple Inc. (reports).
Case	Apple versus Immersion. *Patent Trial and Appeal Board.* IPR2016-01777.
Dates	June 2016 – May 2017

Role	Expert witness for Wilmer Cutler Pickering Hale and Dorr, counsel for Apple Inc. (analysis).
Case	Core Wireless Licensing S.a.r.l. v. Apple Inc. *Eastern District of Texas.* 6:14-cv-00751 and 6:14-cv-00752.
Dates	August 2015 – June 2016

Role	Expert witness for Weil, Gotshal & Manges, counsel for Apple Inc. (analysis).
Case	Motorola Mobility Inc. versus Apple Inc. *Southern District of Florida.* 10-CV-23580-RNS-TEB and 12-CV-20271-RNS-TEB.
Dates	October 2013 – March 2014

Role	Expert witness for Gibson, Dunn & Crutcher, counsel for Apple Inc. (reports, deposition, testimony at trial).
Case	Apple Inc. versus Samsung Electronics Co. Ltd. *Northern District of California.* 12-CV-0630-LHK.
Dates	June 2013 – June 2014

Role	Expert witness for Herbert Smith Freehills, counsel for Apple Inc. (reports, testimony at trial).
Case	Apple Inc. versus Samsung Electronics Co. Ltd. *Federal Court of Australia.* NSD 1243 of 2011.

Dates September 2011 – May 2013

Other

- Member of the Association of Computing Machinery (ACM).
- Member of the ACM Special Interest Group of Computer-Human Interaction.

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