

Meredith Ringel Morris

merrie@microsoft.com

<http://research.microsoft.com/~merrie>

RESEARCH INTERESTS

My area of research is Human Computer Interaction (HCI), focusing on the design, development, and evaluation of collaborative, social, and accessible technologies.

Areas of expertise: gesture interfaces, collaborative technologies, social media, social search, Q&A systems, accessible and assistive technologies, digital inclusion, universal design

Skills: software development, user-centered design, quantitative and qualitative study design, data science

EDUCATION

2006 Ph.D. in Computer Science, Stanford University

2003 M.S. in Computer Science, Stanford University

2001 Sc.B. in Computer Science, Brown University (Magna Cum Laude)

PROFESSIONAL EXPERIENCE

2006 - present **Microsoft Research**
Principal Researcher (2016 – present), *Senior Researcher* (2013 – 2016),
Researcher (2006 – 2013)

2001 – 2006 **Stanford University Department of Computer Science**
Ph.D. Candidate (advised by Terry Winograd)
Thesis topic: Supporting Effective Interaction with Tabletop Groupware

Summer 2003 **Mitsubishi Electric Research Laboratories**
Research Intern (advised by Chia Shen and Kathy Ryall)
Developed coordination mechanisms for multi-user interactive tables

Summer 2002 **Microsoft Research**
Research Intern (advised by Eric Horvitz and Susan Dumais)
Developed and evaluated alternative representations of search results

Summer 2001 **AT&T Shannon Laboratory**
Research Intern (advised by Julia Hirschberg)
Developed automatic mechanisms for prioritizing voicemail messages

Summer 2000 **Stanford University Department of Computer Science**
Research Assistant (advised by Terry Winograd)
Developed hand-gesture input system for a large, wall-mounted display

Summer 1998 **Lockheed Martin Management and Data Systems**
& *1999* *Intern*
Developed Perl scripts to customize commercial engineering software

TEACHING EXPERIENCE

- 2008 - present* Affiliate Faculty Member, University of Washington (Seattle, WA)
(Computer Science & Engineering: Affiliate Assistant Professor '08 – '12, Affiliate Associate Professor 2012 – present)
(School of Information: Affiliate Associate Professor 2012 – present)
- Instructor for the undergraduate course INFO463 (“Input & Interaction”) (with Jacob O. Wobbrock) (*Spring 2012*)
 - Co-organizer for the graduate-level joint UW/MSR seminar series CS590W (“Computers & Disabilities”) (with Richard Ladner) (*Fall 2010*)
 - Guest lecturer for various CSE and iSchool courses, including “Advanced Topics in HCI,” “Input & Interaction,” “DUB Seminar,” and “iSchool Research Conversations” (*2008 – present*)
- April 2015* Instructor for the ACM CHI conference course “Design for Searching & Finding” (with Daniel Russell, Ed Chi, Marti Hearst, & Jaime Teevan)
- Summer 2005* Instructor for “Introduction to Databases”
Stanford University
- Fall 2002 & 2003* Teaching Assistant for “Introduction to Human-Computer Interaction”
Stanford University
- Winter 2002* Teaching Assistant for “Human-Computer Interaction Design Studio”
Stanford University
- Spring 2000* Head Teaching Assistant for “Introduction to Scientific Computing”
Brown University
- Summer 1999* Teaching Assistant for “Laboratory Course in Parallel Supercomputing”
Pennsylvania Governor’s School for the Sciences, Carnegie Mellon Univ.
- Fall 1999* Teaching Assistant for “Introduction to Object-Oriented Programming”
Brown University
- Spring 1998 & 1999* Teaching Assistant for “Introduction to Scientific Computing”
Brown University

PUBLICATIONS

- books* Morris, M.R. and Teevan, J. Collaborative Web Search: Who, What, Where, When, and Why? *Morgan & Claypool*, 2010.
- editorships* Golovchinsky, G., Morris, M.R., and Pickens, J. *Information Processing and Management*, special issue on Collaborative Information Seeking (2010).
- journal articles* Teevan, J., Morris, M.R., and Azenkot, S. Supporting Interpersonal Interaction during Collaborative Mobile Search. *IEEE Computer, Special Issue on Collaborative Information Seeking*, March 2014.
- Isenberg, P., Paul, S., Fisher, D., Morris, M.R., Inkpen, K., and Czerwinski, M. Co-located Collaborative Visual Analytics Around a Tabletop Display. *Transactions on Visualization and Computer Graphics*, May 2012.
- Paul, S. and Morris, M.R. Sensemaking in Collaborative Web Search. *Human-Computer Interaction*, 26(1), January 2011, 72 - 122.
- Morris, M.R., Fisher, D., and Wigdor, D. Search on Surfaces: Exploring the Potential of Interactive Tabletops for Collaborative Search Tasks. *Information Processing and Management*, 2010.
- Morris, M.R., Piper, A.M., Cassanego, A., Huang, A., Paepcke, A., and Winograd, T. Mediating Group Dynamics through Tabletop Interface Design. *IEEE Computer Graphics and Applications*, Sept/Oct 2006, 65-73.
- Ryall, K., Morris, M.R., Everitt, K., Esenther, A., Forlines, C., Shen, C., Shipman, S., and Vernier, F. Identity-Differentiating Widgets for Multi-User Interactive Surfaces. *IEEE Computer Graphics and Applications*, Sept/Oct 2006, 56-64.
- Shen, C., Ryall, K., Forlines, C., Esenther, A., Everitt, K., Hancock, M., Morris, M.R., Vernier, F., Wigdor, D., and Wu, M. Interfaces, Interaction Techniques and User Experience on Direct-Touch Horizontal Surfaces. *IEEE Computer Graphics and Applications*, Sept/Oct 2006, 36-46.
- Borchers, J., Ringel, M., Tyler, J., and Fox, A. Stanford Interactive Workspaces: A Framework for Physical and Graphical User Interface Prototyping. *IEEE Wireless Communications*, 9(6), December 2002, 64-69.
- full-length conference papers* Morris, M.R., Perkins, A., Yao, C., Bahram, S., Bigham, J.P., and Kane, S. "With most of it being pictures now, I rarely use it": Understanding Twitter's Evolving Accessibility to Blind Users. *Proceedings of CHI 2016*.

Brewer, R., Morris, M.R., and Piper, A.M. “Why would anybody do this?”: Older Adults’ Understanding of and Experiences with Crowdwork. *Proceedings of CHI 2016*.

Morris, M.R., Begel, A., and Wiedermann, B. Understanding the Challenges Faced by Neurodiverse Software Engineering Employees: Towards a More Inclusive and Productive Technical Workforce. *Proceedings of ASSETS 2015*. **Best Paper Award**.

Brady, E., Morris, M.R., and Bigham, J.P. Gauging Receptiveness to Social Microvolunteering. *Proceedings of CHI 2015*. **Best Paper Nominee**.

Kim, J., Glassman, E., Monroy-Hernández, A., and Morris, M.R. RIMES: Embedding Interactive Multimedia Exercises in Lecture Videos. *Proceedings of CHI 2015*.

Glassman, E., Kim, J., Monroy-Hernández, A., and Morris, M.R. Mudslide: A Spatially Anchored Census of Student Confusion for Online Lecture Videos. *Proceedings of CHI 2015*. **Best Paper Nominee**.

Zyskowski, K., Morris, M.R., Bigham, J.P., Gray, M.L., and Kane, S. Accessible Crowdwork? Understanding the Value in and Challenge of Microtask Employment for People with Disabilities. *Proceedings of CSCW 2015*.

Williams, M., Roseway, A., O’Dowd, C., Czerwinski, M., and Morris, M.R. SWARM: An Actuated Wearable for Mediating Affect. *Proceedings of TEI 2015*.

Ammari, T., Morris, M.R., and Schoenebeck, S.Y. Accessing Social Support and Overcoming Judgment on Social Media among Parents of Children with Special Needs. *Proceedings of ICWSM 2014*.

Rzeszotarski, J. and Morris, M.R. Estimating the Social Costs of Friendsourcing. *Proceedings of CHI 2014*. **Best Paper Award**.

De Choudhury, M., Morris, M.R., and White, R. Seeking and Sharing Health Information Online: Comparing Search Engines and Social Media. *Proceedings of CHI 2014*.

Morris, M.R. Social Networking Site Use by Mothers of Young Children. *Proceedings of CSCW 2014*.

Morris, M.R., Inkpen, K., and Venolia, G. Remote Shopping Advice: Enhancing In-Store Shopping with Social Technologies. *Proceedings of CSCW 2014*.

Oeldorf-Hirsch, A., Hecht, B., Morris, M.R., Teevan, J., and Gergle, D. To Search or to Ask: The Routing of Information Needs between Traditional Search Engines and Social Networks. *Proceedings of CSCW 2014*.

Kane, S., Morris, M.R., and Wobbrock, J.O. Touchplates: Low-Cost Tactile Overlays for Visually Impaired Touchscreen Users. *Proceedings of ASSETS 2013*.

Jeong, J-W., Morris, M.R., Teevan, J., and Liebling, D. A Crowd-Powered Socially Embedded Search Engine. *Proceedings of ICWSM 2013*.

Kairam, S., Morris, M.R., Teevan, J., Liebling, D., and Dumais, S.T. Leveraging Social Media to Support Search over Trending Events. *Proceedings of ICWSM 2013*. **Best Paper Honorable Mention.**

Fourney, A. and Morris, M.R. Enhancing Technical Q&A Forums with CiteHistory. *Proceedings of ICWSM 2013*.

Brady, E., Morris, M.R., Zhong, Y., White, S., and Bigham, J. Visual Challenges in the Everyday Lives of Blind People. *Proceedings of CHI 2013*.

Morris, M.R. Collaborative Search Revisited. *Proceedings of CSCW 2013*.

Brady, E., Zhong, Y., Morris, M.R., and Bigham, J. Investigating the Appropriateness of Social Network Question Asking as a Resource for Blind Users. *Proceedings of CSCW 2013*.

Yang, J., Counts, S., Morris, M.R., and Hoff, A. Microblog Credibility Perceptions: Comparing the United States and China. *Proceedings of CSCW 2013*.

Morris, M.R. Web on the Wall: Insights from a Multimodal Interaction Elicitation Study. *Proceedings of Interactive Tabletops & Surfaces 2012*.

Hecht, B., Teevan, J., Morris, M.R., and Liebling, D. SearchBuddies: Bringing Search Engines into the Conversation. *Proceedings of ICWSM 2012*.

Morris, M.R., Counts, S., Hoff, A., Roseway, A., and Schwarz, J. Tweeting is Believing? Understanding Microblog Credibility Perceptions. *Proceedings of CSCW 2012*. **Best Paper Honorable Mention.**

Bragdon, A., DeLine, R., Hinckley, K., and Morris, M.R. Code Space: Combining Touch, Devices, and Skeletal Tracking to Support Developer Meetings. *Proceedings of ITS 2011*.

Kane, S., Morris, M.R., Perkins, A., Wobbrock, J., Wigdor, D., and Ladner, R. Access Overlays: Improving Non-Visual Access to Large Touch Screens for Blind Users. *Proceedings of UIST 2011*.

Yang, J., Morris, M.R., Teevan, J., Adamic, L., and Ackerman, M. Culture Matters: A Survey Study of Social Q&A Behavior. *Proceedings of ICWSM 2011*.

Schwarz, J. and Morris, M.R. Augmenting Web Pages and Search Results to Support Credibility Assessment. *Proceedings of CHI 2011*.

Moraveji, N., Morris, M.R., Morris, D., Czerwinski, M., and Riche, N. ClassSearch: Facilitating the Development of Web Search Skills through Social Learning. *Proceedings of CHI 2011*. **Best Paper Nominee.**

Teevan, J., Ramage, D., and Morris, M.R. #TwitterSearch: A Comparison of Microblog Search and Web Search. *Proceedings of WSDM 2011*.

Isenberg, P., Fisher, D., Morris, M.R., Inkpen, K., and Czerwinski, M. An Exploratory Study of Co-located Collaborative Visual Analytics around a Tabletop Display. *Proceedings of IEEE VAST 2010*, 179-186. **Best Paper Honorable Mention.**

Morris, M.R., Wobbrock, J., and Wilson, A. Understanding Users' Preferences for Surface Gestures. *Proceedings of Graphics Interface 2010*, 261-268.

Morris, M.R., Teevan, J., and Panovich, K. What Do People Ask Their Social Networks, and Why? A Survey Study of Status Message Q&A Behavior. *Proceedings of CHI 2010*, 1739-1748.

Morris, M.R., Lombardo, J., and Wigdor, D. WeSearch: Supporting Collaborative Search and Sensemaking on a Tabletop Display. *Proceedings of CSCW 2010*, 401-410.

Amershi, S., Morris, M.R., Moraveji, N., Balakrishnan, R., and Toyoma, K. Multiple Mouse Text Entry for Single-Display Groupware. *Proceedings of CSCW 2010*, 169-178. **Best Paper Nominee.**

Freeman, D., Benko, H., Morris, M.R., and Wigdor, D. ShadowGuides: Visualizations for In-Situ Learning of Multi-Touch and Whole-Hand Gestures. *Proceedings of Tabletop 2009*, 183-190.

Paul, S. and Morris, M.R. CoSense: Enhancing Sensemaking for Collaborative Web Search. *Proceedings of CHI 2009*, 1771-1780. **Best Paper Nominee.**

Wobbrock, J., Morris, M.R., and Wilson, A. User-Defined Gestures for Surface Computing. *Proceedings of CHI 2009*, 1083-1092. **Best Paper Nominee.**

Fiebrink, R., Morris, D., and Morris, M.R. Dynamic Mapping of Physical Controls for Tabletop Groupware. *Proceedings of CHI 2009*, 471-480.

Buscher, G., Cutrell, E., and Morris, M.R. What Do You See When You're Surfing? Using Eye Tracking to Predict Salient Regions of Web Pages. *Proceedings of CHI 2009*, 21-30.

Teevan, J., Morris, M.R., and Bush, S. Discovering and Using Groups to Improve Personalized Search. *Proceedings of WSDM 2009*, 15-24

Morris, M.R., Brush, A.J.B., and Meyers, B. A Field Study of Knowledge Workers' Use of Interactive Horizontal Displays. *Proceedings of IEEE Tabletops and Interactive Surfaces 2008*, 113-120.

Amershi, S. and Morris, M.R. CoSearch: A System for Co-located Collaborative Web Search. *Proceedings of CHI 2008*, 1647-1656.

Morris, D., Morris, M.R., and Venolia, G. SearchBar: A Search-Centric Web History for Task Resumption and Information Re-finding. *Proceedings of CHI 2008*, 1207-1216.

Morris, M.R. and Horvitz, E. SearchTogether: An Interface for Collaborative Web Search. *Proceedings of UIST 2007*, 3-12.

Morris, M.R., Brush, A.J.B., and Meyers, B. Reading Revisited: Evaluating the Usability of Digital Display Surfaces for Active Reading Tasks. *Proceedings of IEEE Tabletop 2007*, 79-86.

Piper, A.M., O'Brien, E., Morris, M.R., and Winograd, T. SIDES: A Cooperative Tabletop Computer Game for Social Skills Development. *Proceedings of CSCW 2006*, 1-10.

Morris, M.R., Huang, A., Paepcke, A., and Winograd, T. Cooperative Gestures: Multi-User Gestural Interactions for Co-located Groupware. *Proceedings of CHI 2006*, 1201-1210.

Morris, M.R., Paepcke, A., Winograd, T., and Stamberger, J. TeamTag: Exploring Centralized versus Replicated Controls for Co-located Tabletop Groupware. *Proceedings of CHI 2006*, 1273-1282.

Morris, M.R., Paepcke, A., and Winograd, T. TeamSearch: Comparing Techniques for Co-Present Collaborative Search of Digital Media. *The First IEEE International Workshop on Horizontal Interactive Human-Computer Systems*, January 2006, 97-104.

Ryall, K., Morris, M.R., Everitt, K., Forlines, C., and Shen, C. Experiences with and Observations of Direct-Touch Tabletops. *The First IEEE International Workshop on Horizontal Interactive Human-Computer Systems*, January 2006, 89-96.

Morris, M.R., Morris, D., and Winograd, T. Individual Audio Channels with Single Display Groupware: Effects on Communication and Task Strategy. *Proceedings of CSCW 2004*, 242-251.

Ryall, K., Forlines, C., Shen, C., and Morris, M.R. Exploring the Effects of Group Size and Table Size on Interactions with Tabletop Shared-Display Groupware. *Proceedings of CSCW 2004*, 284-293.

Shen, C., Vernier, F., Forlines, C., and Ringel, M. DiamondSpin: An Extensible Toolkit for Around-the-Table Interaction. *Proceedings of CHI 2004*, 167-174.

Ringel, M., Cutrell, E., Dumais, S., and Horvitz, E. Milestones in Time: The Value of Landmarks in Retrieving Information from Personal Stores. *Proceedings of Interact 2003*, 184-191.

Ballagas, R., Ringel, M., Stone, M., and Borchers, J. iStuff: A Physical User Interface Toolkit for Ubiquitous Computing Environments. *Proceedings of CHI 2003*, 537-544.

short conference papers Rzeszotarski, J., Spiro, E., Matias, J.N., Monroy-Hernández, A., and Morris, M.R. Is Anyone Out There? Unpacking Q&A Hashtags on Twitter. *Proceedings of CHI 2014*.

Liebling, D., and Morris, M.R. Kinected Browser: Depth Camera Interaction for the Web. *Proceedings of Interactive Tabletops & Surfaces 2012*.

Teevan, J., Morris, M.R., and Panovich, K. Factors Affecting Response Quantity, Quality, and Speed for Questions Asked via Social Network Status Messages. *Proceedings of ICWSM 2011*.

Morris, M.R., Teevan, J., and Panovich, K. A Comparison of Information Seeking Using Search Engines and Social Networks. *Proceedings of ICWSM 2010*, 291-294.

Hartmann, B., Morris, M.R., Benko, H., and Wilson, A. Pictionary: Supporting Collaborative Design Work by Integrating Physical and Digital Artifacts. *Proceedings of CSCW 2010*.

Hartmann, B., Morris, M.R., Benko, H., and Wilson, A. Augmenting Interactive Tables with Mice & Keyboards. *Proceedings of UIST 2009*, 149-152.

Morris, M.R., Teevan, J., and Bush, S. Enhancing Collaborative Web Search with Personalization: Groupization, Smart Splitting, and Group Hit-Highlighting. *Proceedings of CSCW 2008*, 481-484.

Everitt, K., Morris, M.R., Brush, A.J.B., and Wilson, A. DocuDesk: An Interactive Surface for Creating and Rehydrating Many-to-Many Linkages among Paper and Digital Documents. *Proceedings of IEEE Tabletops and Interactive Surfaces 2008*, 27-30.

Morris, M.R. A Survey of Collaborative Web Search Practices. *Proceedings of CHI 2008*, 1657-1660.

Morris, M.R. and Horvitz, E. S³: Storable, Shareable Search. *Proceedings of Interact 2007*, 120-123.

Ryall, K., Esenther, A., Everitt, K., Forlines, C., Morris, M.R., Shen, C., Shipman, S., and Vernier, F. iDwidgets: Parameterizing Widgets by User Identity. *Proceedings of Interact 2005*, 1124-1128.

Morris, M.R., Ryall, K., Shen, C., Forlines, C., and Vernier, F. Beyond “Social Protocols”: Multi-User Coordination Policies for Co-located Groupware. *Proceedings of CSCW 2004*, 262-265.

Ringel, M., Ryall, K., Shen, C., Forlines, C., and Vernier, F. Release, Relocate, Reorient, Resize: Fluid Interaction Techniques for Document Sharing on Multi-User Interactive Tables. *Proceedings of CHI 2004 Extended Abstracts*, 1441-1444.

Ringel, M. When One Isn't Enough: An Analysis of Virtual Desktop Usage Strategies and Their Implications for Design. *Proceedings of CHI 2003 Extended Abstracts*, 762-763.

Ringel, M., Berg, H., Jin, Y., and Winograd, T. Barehands: Implement-Free Interaction with a Wall-Mounted Display. *Proceedings of CHI 2001 Extended Abstracts*, 367-368.

workshop papers Teevan, J., Morris, M.R., and Saponas, T.S. Mobile Support for Face-to-Face Social Interaction. *2014 Human-Computer Interaction Consortium Workshop (HCIC)*.

Morris, M.R. and Teevan, J. Exploring the Complementary Roles of Social Networks and Search Engines. *2012 Human-Computer Interaction Consortium Workshop (HCIC)*.

Morris, M.R. and Morris, D. Understanding the Potential for Collaborative Search Technologies in Clinical Settings. *CIKM 2011 Workshop on Collaborative Information Retrieval*.

Moraveji, N., Morris, M.R., and Morris, D. Supporting the Social Transfer of Web Search Expertise. *CHI 2010 Workshop on the Next Generation of HCI and Education*.

Paul, S. and Morris, M.R. Understanding and Supporting Sensemaking in Collaborative Web Search. *CHI 2009 Sensemaking Workshop*.

Morris, M.R. and Teevan, J. Understanding Groups' Properties as a Means of Improving Collaborative Search Systems. *JCDL 2008 Workshop on Collaborative Information Retrieval*.

Morris, M.R. and Amershi, S. Shared Sensemaking: Enhancing the Value of Collaborative Web Search Tools. *CHI 2008 Workshop on Sensemaking*.

Amershi, S. and Morris, M.R. CoSearch: Leveraging Multiple Devices to Enhance Collaboration in Resource-Constrained Environments. *CHI 2008 Workshop on HCI for Community and International Development*.

Morris, M.R. Interfaces for Collaborative Exploratory Web Search: Motivations and Directions for Multi-User Designs. *CHI 2007 Workshop on Exploratory Search and HCI*.

Venolia, G., Morris, M.R., and Morris, D. Exploring and Investigating: Supporting High-Level Search Activities. *CHI 2007 Workshop on Exploratory Search and HCI*.

Morris, M.R. Tables in Context: Integrating Horizontal Displays with Ubicomp Environments. *CHI 2006 Workshop on Information Visualization and Interaction Techniques for Collaboration across Multiple Displays*.

Morris, M.R. Supporting Effective Interaction with Tabletop Groupware. *The First IEEE International Workshop on Horizontal Interactive Human-Computer Systems*, January 2006.

Morris, M.R. Designing Tabletop Groupware. *UIST 2005 Doctoral Symposium*.

Morris, M.R. and Winograd, T. Quantifying Collaboration on Computationally-Enhanced Tables. *CSCW 2004 Workshop on Methodologies for Evaluating Collaboration Behaviour in Co-Located Environments*.

peer-reviewed posters de Greef, L., Morris, M.R., and Inkpen, K. TeleTourist: Immersive Telepresence Tourism for Mobility-Restricted Participants. *CSCW Extended Abstracts*.

Brewer, R., Piper, A.M., and Morris, M.R. Exploring Cognitive Benefits as an Alternative Motivation for Engaging Older Adults in Crowdwork. *HCOMP 2015 Extended Abstracts*.

Brady, E., Morris, M.R., and Bigham, J.P. Friendsourcing for the Greater Good: Perceptions of Social Microvolunteering. *HCOMP 2014 Extended Abstracts*.

Teevan, J., Morris, M.R., and Azenkot, S. Using Physical Signaling to Support Collaborative Mobile Search. *CSCW 2014 Extended Abstracts*.

Amershi, S. and Morris, M.R. Co-located Collaborative Web Search: Understanding Status Quo Practices. *CHI 2009 Extended Abstracts*.

Hartmann, B., Morris, M.R., and Cassanego, A. Reducing Clutter on Tabletop Groupware Systems with Tangible Drawers. *Adjunct Proceedings of UbiComp 2006*.

Morris, M.R., Forlines, C., Ryall, K., and Shen, C. Conflict Resolution in Paper and Digital Worlds: Two Surveys of User Expectations. *Proceedings of CSCW 2004 Conference Supplement*.

Morris, M.R. Benefits and Challenges of Tabletop Peripheral Displays. *Adjunct Proceedings of UbiComp 2004*.

Morris, M.R. Visualization for Casual Debugging and System Awareness in a Ubiquitous Computing Environment. *Adjunct Proceedings of UbiComp 2004*.

Ringel, M., Tyler, J., Stone, M., Ballagas, R., and Borchers, J. iStuff: A Scalable Architecture for Lightweight, Wireless Devices for UbiComp User Interfaces. *Adjunct Proceedings of UbiComp 2002*.

Ringel, M. and Hirschberg, J. Automated Message Prioritization: Making Voicemail Retrieval More Efficient. *Proceedings of CHI 2002 Extended Abstracts*, 592-593.

book chapters Shen, C., Ryall, K., Forlines, C., Esenther, A., Vernier, F., Everitt, K., Wu, M., Wigdor, D., Morris, M.R., Hancock, M., and Tse, E. Collaborative Tabletop Research and Evaluation: Interface and Interactions on Direct-Touch Horizontal Surfaces. In Dillenbourg, P., Huang, J. and Cherubini, M., Eds. *Interactive Furniture Supporting Collaboration*, CSCL Series, Springer, New York, USA, 2008.

magazine articles Morris, M.R., Danielescu, A., Drucker, S., Fisher, D., Lee, B., schraefel, m.c., and Wobbrock, J.O. Reducing Legacy Bias in Gesture Elicitation Studies. *ACM Interactions*, May-June 2014.

Morris, M.R. Tabletop Computers. *IEEE Spectrum*, online edition, December 2008, <http://www.spectrum.ieee.org/dec08/6999>.

Morris, M.R. Social Borders: Mediating Group Dynamics Through Interface Design. *Ambidextrous Magazine: The Stanford University Journal of Design*. Winter 2006, 36-37.

doctoral dissertation Morris, M.R. Supporting Effective Interaction With Tabletop Groupware. *Stanford University Technical Report*, April 2006.

technical reports Teevan, J., Morris, M.R., and Panovich, K. "Does Anyone Know How to Get Good Answers?" How Social Network Questions Shape Replies. *Microsoft Research Technical Report*, June 2013.

Benko, H., Morris, M.R., Brush, A.J., and Wilson, A. Insights on Interactive Tabletops: A Survey of Researchers and Developers. *Microsoft Research Technical Report*, March 2009.

PATENTS

2003 *Method and System for Usage Analyzer that Determines User Accessed Sources, Indexes Data Subsets and Associated Metadata, Processing Implicit Queries Based on Potential Interest to Users*

Dumais, S., Horvitz, E., Cutrell, E., Cadiz, J.J., Jancke, G., Sarin, R., Robbins, D., Gupta, A., Robertson, G., Ringel, M., and Goecks, J.
U.S. Patent Number 7162473

2007 *Search-Centric Hierarchical Browser History*

Morris, D., Morris, M., and Venolia, G.
U.S. Patent Number 8090740

2008 *Using Related Users' Data to Enhance Web Search*

Morris, M., Teevan, J., Mickens, J., and Amershi, S.
U.S. Patent Number 8244721

2008 *Gestures, Interactions, and Common Ground in a Surface Computing Environment*

Sands, I., Butler, A., Benko, H., Kunz, B., Morris, M., Wilson, A., Jones, D., LeProwse, S., Horvitz, E., Russ, K., Izadi, S., Hodges, S., and Hinckley, K.
U.S. Patent Number 9134798

2009 *System and Interface for Co-Located Collaborative Web Search*

Morris, M. and Amershi, S.
U.S. Patent Number 8266139

2009 *Mapping of Physical Controls for Surface Computing*

Fiebrink, R., Morris, D., and Morris, M.
U.S. Patent Number 8264455

2009 *Linking Digital and Paper Documents*

Brush, A.J., Everitt, K., Morris, M., and Wilson, A.
U.S. Patent Number 8286068

2009 *Using Physical Objects in Conjunction with an Interactive Surface*

Hartmann, B., Wilson, A., Benko, H., and Morris, M.

U.S. Patent Number 8427424

2010 *Interactive Search Results Page*
Morris, M., Counts, S., Roseway, A., and Schwarz, J.
U.S. Patent Number 9292602

INVITED TALKS

- July 2016 *Supporting Neurodiverse Software Engineers*, Seattle Children's Hospital
- March 2016 *Supporting Neurodiverse Software Engineers*, SAP Autism at Work Summit
- Feb. 2016 *Collaborative Web Search: Towards Next-Generation Information-Seeking Experiences*, University of Toronto (Sanders Series Lecture)
- Feb. 2015 *Collaborative Web Search: Towards Next-Generation Information-Seeking Experiences*, Harvard University
- Nov. 2014 *Credibility Perceptions of Content Contributors and Consumers in Social Media*, ASIS&T 2014 (panelist)
- Sept. 2014 *Collaborative Web Search: Toward Next-Generation Information-Seeking Experiences*, CDVE 2014 (Conference on Computer Design, Visualization, and Engineering) (keynote)
- June 2014 *Friendsourcing vs. Crowdsourcing*, General Electric Global Research
- April 2014 *Friendsourcing vs. Crowdsourcing*, Brown University
- April 2014 *Socially Embedded Search Engines*, CWIC Southern California (keynote)
- March 2014 *Friendsourcing vs. Crowdsourcing*, University of Illinois Urbana-Champaign
- January 2014 *Socially Embedded Search Engines*, Northwestern University, TSB Distinguished Colloquium Speaker Series
- Sept. 2013 *Socially Embedded Search Engines*, Carnegie Mellon University
- August 2013 *Microblog Credibility Perceptions*, Twitter
- June 2013 *Socially Embedded Search Engines*, Facebook
- April 2013 *Microblog Credibility Perceptions*, Stanford University
- Nov. 2012 *Socially Embedded Search Engines*, Brown University
- Oct. 2012 *Publishing Your Research*, Grace Hopper Celebration of Women in Computing
- April 2012 *Publishing Your Research*, CRA-W Graduate Cohort Workshop
- Jan. 2012 *What Do People Ask Their Social Networks, and Why?*, Stanford University
- Nov. 2011 *Publishing Your Research*, Grace Hopper Celebration of Women in Computing
- Nov. 2011 *What if computer science was not just about technology?*, Grace Hopper Celebration of Women in Computing (panelist)
- Oct. 2011 *When Search is Not Solitary: Perspectives on Social and Collaborative Search* CIKM 2011 (panelist)
- Feb. 2011 *iRoom Project Retrospective*, Stanford University, HCI:20 Celebration
- Oct. 2010 *What Do People Ask Their Social Networks, and Why?*, University of Pennsylvania
- Oct. 2010 *The Real Time and Social Search Landscape*, SMX East 2010 (panelist)
- Oct. 2010 *The Social Networking Revolution*, Grace Hopper Celebration of Women in Computing (panelist)
- Oct. 2010 *New Directions in HCI: Collaborative & Social Search*, Grace Hopper Celebration of Women in Computing (panelist)
- June 2010 *What Do People Ask Their Social Networks, and Why?*, Facebook
- Dec. 2008 *New Tools for Enabling Collaborative Web Search*, Brown University

- Nov. 2008 *New Tools for Enabling Collaborative Web Search*, Stanford University
- Sept. 2008 *New Tools for Enabling Collaborative Web Search*, MIT
- Sept. 2008 *Innovations in Information Technology*, EmTech Emerging Technologies Conference (panelist)
- March 2008 *Career Paths in Industrial Research & Development*, CRA-W Grad Cohort for Women (panelist)
- Feb. 2008 *New Tools for Enabling Collaborative Web Search*, University of Washington
- Feb. 2006 *Supporting Effective Interaction with Tabletop Groupware*, University of Washington
- Feb. 2006 *Supporting Effective Interaction with Tabletop Groupware*, Microsoft Research
- Feb. 2006 *Supporting Effective Interaction with Tabletop Groupware*, IBM Almaden Research Center
- Dec. 2005 *Interactive Walls and Tables*, Stanford University
- June 2005 *Designing Tabletop Interfaces*, University of Washington
- March 2005 *Designing Tabletop Interfaces*, PARC
- Feb. 2005 *Designing Tabletop Interfaces*, Accenture Technology Labs
- Jan. 2005 *Designing Tabletop Interfaces*, Stanford University
- May 2003 *Virtual Desktop Usage Strategies and Their Implications for Design*, PARC

RESEARCH ADVISEES & INTERNS

- 2016 Robin Brewer (Northwestern University, *MSR intern*)
- 2016 Xiaoyi Zhang (University of Washington, *MSR intern*)
- 2016 Kiley Sobel (University of Washington, *MSR intern*)
- 2016 Elliot Salisbury (University of Southampton, *MSR intern*)
- 2016 R. Michael Winters (Georgia Tech, *MSR intern*)
- 2016 Anna Feit (Aalto University, *MSR intern*)
- 2016 - present Robin Brewer (Northwestern University, *thesis committee*)
- 2015 & 2016 Alexander Fiannaca (University of Washington, *MSR intern*)
- 2015 Martez Mott (University of Washington, *MSR intern*)
- 2015 Lilian de Greef (University of Washington, *MSR intern*)
- 2015 Kyle Rector (University of Washington, *MSR intern*)
- 2015 Galen McQuillen (Harvard University, *MSR intern*)
- 2015 Geza Kovacs (Stanford University, *MSR intern*)
- 2015 Catherine Yao (Tesla STEM High School, *MSR intern*)
- 2014 - 2015 Michele Williams (Univ. of Maryland Baltimore County, *thesis committee*)
- 2014 Juho Kim (MIT, *MSR intern*)
- 2014 Elena Glassman (MIT, *MSR intern*)
- 2014 Michele Williams (University of Maryland Baltimore County, *MSR intern*)
- 2013 - 2014 Kathryn Zyskowski (University of Washington, *MSR intern*)
- 2013 Jeffrey Rzeszotarski (CMU, *MSR intern*)
- 2013 - 2015 Hwajung Hong (Georgia Tech, *thesis committee*)
- 2013 - 2015 Erin Brady (University of Rochester, *thesis committee*)
- 2012 Shiri Azenkot (University of Washington, *MSR intern*)
- 2012 Jin-Woo Jeong (Hanyang University, *MSR intern*)
- 2012 Adam Fourney (University of Waterloo, *MSR intern*)
- 2012 - 2014 Matt Bonner (Georgia Tech, *thesis committee*)

- 2010 Brent Hecht (Northwestern University, *MSR intern*)
- 2010 Shaun Kane (University of Washington, *MSR intern*)
- 2010 Julia Schwarz (Carnegie Mellon, *MSR intern*)
- 2009 Katrina Panovich (MIT, *MSR intern*)
- 2009 Neema Moraveji (Stanford University, *MSR intern*)
- 2008 Sharoda Paul (Penn State University, *MSR intern*)
- 2008 Georg Buscher (German Research Center for AI, *MSR intern*)
- 2008 Björn Hartmann (Stanford University, *MSR intern*)
- 2007 Saleema Amershi (University of Washington, *MSR intern*)
- 2007 Katherine Everitt (University of Washington, *MSR intern*)
- 2005 - 2006 Anthony Cassanego (Stanford University, *Stanford CURIS program*)
- 2004 - 2005 Anne Marie Piper (Stanford University, *Stanford Master's thesis*)
- 2005 Chalmers Wang (Stanford University, *Stanford CURIS program*)
- 2005 Anqi Huang (Harvard University, *Stanford research intern*)

AWARDS AND HONORS

- 2016 Interactive Surfaces & Spaces 10-year Impact Award
- 2015 ACM ASSETS Best Paper Award
- 2015 ACM CHI Best Paper Nominee (x2)
- 2014 ACM CHI Best Paper Award
- 2013 National Academy of Engineering, Frontiers of Engineering
- 2013 AAAI ICWSM Best Paper Honorable Mention
- 2012-2014 Microsoft Senior Leader “Bench” program for high-potential employees
- 2012 ACM Senior Member
- 2012 ACM CSCW Best Paper Honorable Mention
- 2011 ACM CHI Best Paper Nominee
- 2011 Big Think Delphi Fellow
- 2010 IEEE VAST Best Paper Honorable Mention
- 2010 ACM CSCW Best Paper Nominee
- 2009-2011 Microsoft R&D development program for high-potential employees
- 2009 *TechFlash* 100 Notable Women in Seattle Technology
- 2009 ACM CHI Best Paper Nominee
- 2008 *MIT Technology Review* TR35
- 2007 CRA-W Profile of the Month
- 2005 Stanford CS Department Student Service Award
- 2002 Stanford CS Department Student Service Award
- 2001 National Science Foundation Fellowship
- 2001 AT&T Labs Fellowship
- 2001 Lucent Graduate Research Program for Women Fellowship (declined)
- 2001 National Physical Science Consortium Fellowship (declined)
- 2001 Susan Colver Rosenberger Prize (Brown University CS service award)
- 2001 Phi Beta Kappa honor society
- 2000 CRA Outstanding Undergraduate Award, Honorable Mention
- 2000 Microsoft National Women's Technical Scholarship
- 1997 National Merit Scholar

PROFESSIONAL ACTIVITIES

- general chair* CSCW 2016, conference co-chair
- program chair* ASSETS 2017, papers co-chair
CSCW 2014, program co-chair
ITS 2012, program co-chair
CHI 2011, “interaction beyond the individual” papers committee co-chair
CHI 2009, technical program co-chair
- program committee member (“AC”)* ASSETS 2016
CHI 2006, 2009, 2012
CSCW 2010, 2013
HCOMP 2015
ITS 2007, 2008, 2009
UIST 2007, 2008, 2012, 2014, 2015
- editorial board* TOCHI (ACM Transactions on Computer-Human Interaction)
(2012 – present)
- steering committee member* CSCW (2012 –2015)
- other conference organizational roles* UIST 2017, 2018, 2019, doctoral symposium chair
UIST 2014, doctoral symposium faculty panelist
ASSETS 2013, local arrangements co-chair
ASSETS 2012, doctoral symposium faculty panelist
UIST 2010, doctoral symposium faculty panelist
CSCW 2008, co-chair of demonstrations program
ITS 2008, North American publicity chair
UIST 2005, co-chair of student volunteers
- workshop organizer* University of Washington & Microsoft Research Summer Institute 2016
Expanding Accessibility Research
(co-organizer with R. Ladner)
- Workshop on Social Media Question Asking
Held in conjunction with CSCW 2013
(co-organizer with M. Ackerman, L. Adamic, N. Ellison, D. Gergle, B. Hecht, C. Lampe, and J. Teevan)
- University of Washington & Microsoft Research Summer Institute 2012
Crowdsourcing Personalized Online Education
(co-organizer with E. Horvitz, D. Weld, and Mausam)
- Social Search Social
Held in conjunction with CSCW 2012 and WSDM 2012

3rd International Workshop on Collaborative Information Retrieval
Held in conjunction with CIKM 2011
(co-organizer with: Golovchinsky, G., Pickens, J., and Luna, J.M.F.)

2nd International Workshop on Collaborative Information Retrieval
Held in conjunction with CSCW 2010
(co-organizer with: Golovchinsky, G. and Pickens, J.)

1st International Workshop on Collaborative Information Retrieval
Held in conjunction with JCDL 2008.
(co-organizer with: Pickens, J. and Golovchinsky, G.)

panel organizer The Imposter Panel, Grace Hopper Celebration of Women in Computing 2009
(co-organizer with: Iqbal, S. and Karlson, A.)

reviewer CHI 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016
CSCW 2004, 2006, 2008, 2010, 2011, 2014, 2015, 2017
Graphics Interface 2004, 2005, 2011
ECSCW 2009
Eurographics Symposium on Computational Aesthetics 2007
Exploratory Search & HCI Workshop 2006
HCI Journal
Human-Computer Interaction and Information Retrieval Workshop 2008
ICWSM 2011 (*program committee member*)
IEEE Computer Graphics and Applications
Information Processing and Management
InfoViz 2007, 2008
Interact 2007, 2011
ISCRAM 2012
ITS (Tabletop) 2007, 2008, 2009, 2010, 2012, 2014
Pervasive 2006, 2007
SIGGRAPH 2006
TOCHI
Ubicomp 2005, 2008
UIST 2004, 2005, 2006, 2007, 2008, 2009, 2012, 2013, 2016
WWW 2012 (*program committee member*)

student SIGGRAPH 2004
volunteer UIST 2003
Interact 2003

departmental service Stanford CS PhD Admissions Committee (2003 – 2004)
Stanford CS PhD Program Committee (2002 – 2003)
Stanford CS PhD Student Representative (2001 – 2002)
Stanford CS PhD Recruiting Weekend Organizer (2002 – 2006)

SELECTED PRESS

- January 2015 [“You Can Control This Heated Scarf With Your Smartphone”](#); *Time*
- January 2015 [“Microsoft Researchers Get Wrapped Up in Smart Scarf”](#); *MIT Technology Review*
- April 2014 [“Research Shows Baby Photos Not Really Taking Over Your Facebook Newsfeed”](#); *ABC News*
- April 2014 [“Science Says: The Baby Madness on Your Facebook Feed is an Illusion”](#); *Wired*
- Feb. 2014 [“New Study Finds That Moms Aren’t as Annoying on Facebook as You Thought”](#); *Slate*
- Dec. 2012 [“Questioning the network: The year in social media research”](#); *Nieman Journalism Lab*
- March 2012 [“How to Make Your Tweets More Trustworthy”](#); *Mashable*
- March 2012 [“Think fast: Is that tweet true or false? How we use credibility cues to make decisions.”](#); *Nieman Journalism Lab*
- Feb. 2012 [“Social Search Social Builds Bridges”](#); *Microsoft Research Blog*
- Nov. 2011 [“Microsoft’s Code Space project combines Kinect, touchscreens for awesome meetings”](#); *VentureBeat*
- Nov. 2011 [“Microsoft outlines Code Space, looks to include Kinect in conference rooms, PTA meetings”](#); *Engadget*
- Feb. 2010 [“What Do People Ask Their Social Networks?”](#); *GigaOM*
- Jan. 2010 [“Touchscreen Merges the Real and Digital Worlds”](#); *New Scientist*
- Sept. 2009 [“Microsoft to Add ‘Ping’ to Bing to Share Search Results”](#); *PCWorld*
- April 2009 [“Microsoft Tries to Get a Grip on Touch Computing with Surface”](#); *Scientific American*
- April 2009 [“Mixing Real and Virtual Controls”](#); *Technology Review*
- April 2009 [“Microsoft Puts Finger on Better Gestures”](#); *CNET*
- Jan. 2009 [“Microsoft Searches for Group Advantage”](#); *Technology Review*
- Nov. 2008 [“The Online Search Party: A Way to Share the Load”](#); *The New York Times*
- Oct. 2008 [“Search Engines Show Off Their Social Side”](#); *New Scientist*
- Aug. 2008 [“2008 Young Innovator: Searching Websites Jointly”](#); *Technology Review*
- March 2008 [“Searching as a Team”](#); *Technology Review*
- March 2008 [“Microsoft Research Shows New Search Projects”](#); *Seattle Post-Intelligencer*
- March 2008 [“Microsoft Shows Off Collaborative Search Tools”](#); *InfoWorld*
- June 2008 [“Microsoft Plug-In Lets Users Try Group Search”](#); *CNET*
- June 2008 [“Microsoft Research’s SearchTogether Project Looks Promising”](#); *ars technica*