Darren Gergle   Curriculum Vitae

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Current Appointments

John G. Searle Professor, Northwestern University   *2020-present*
Professor, Department of Communication Studies &   *2015-present*
Professor, Department of Computer Science (by courtesy)

Faculty Directorships and Affiliations
Co-Founder and Director, Human-Computer Interaction + Design Center   *2020-present*
Co-Chair, Segal Design Institute, Faculty Research Council   *2012-present*
Faculty Associate, Cognitive Science Program   *2008-present*
Faculty Fellow, Communications Residential College (CRC)   *2008-present*

Past Appointments

AT&T Research Chair, Northwestern University   *2017-2018*
Associate Professor, Northwestern University   *2011-2015*
Assistant Professor, Northwestern University   *2006-2011*

Visiting Faculty, School of the Art Institute of Chicago (SAIC)   *2014*

Faculty Directorships and Affiliations
Director, Technology and Social Behavior (TSB) joint Ph.D. program   *2010-2020*
Founding Director, Segal Design Institute, Design Cluster Program   *2012-2015*

Education

Ph.D., Human-Computer Interaction   *2006*
Human-Computer Interaction Institute, School of Computer Science
Carnegie Mellon University

M.S., Information (Human-Computer Interaction)   *2001*
School of Information
University of Michigan (Ann Arbor)

B.A., Psychology   *1995*
B.F.A., Printmaking and Sculpture
University of Michigan (Ann Arbor)

Publications

Books

Brinck, T., Gergle, D., & Wood, S. (2001). *Usability for the Web: Designing Web Sites that Work*, (481 pp.), San Francisco, CA: Morgan Kaufmann Publishers.

Journal Articles

Das, M., Piper, A.M., & Gergle, D. (2022). Design and Evaluation of Accessible Collaborative Writing Techniques for People with Vision Impairments. *ACM Transactions on Computer-Human Interaction (ToCHI), Vol 29(2)*, pp 1-42. DOI:10.1145/3480169

Birnholtz, J., Kraus, A., Zheng, W., Moskowitz, D., Macapagal, K., & Gergle, D. (2020). Sensitive Sharing on Social Media: Exploring Willingness to Disclose PrEP Usage Among Adolescent Males Who Have Sex With Males. *Social Media + Society*, DOI:10.1177/2056305120955176

Hibschman, J., Gergle, D., O'Rourke, E., & Zhang, H. (2019). Isopleth: Supporting Sensemaking of Professional Web Applications to Create Readily Available Learning Experiences. *ACM Transactions on Computer-Human Interaction (ToCHI), 26(3),* Article 16, 42 pages.

Gergle, D., & Hargittai, E. (2018). Gathering Data through Text-Messaging to Study Question-Asking in Everyday Life. *Mobile Media and Communication, 6(2)*, 197-214.

Brewer, R.N., Cornejo, R., Schwaba, T., Gergle, D., & Piper, A.M. (2016). Exploring Traditional Phones as an E-Mail Interface for Older Adults. *ACM Transactions on Accessible Computing (TACCESS)*, *8(2)*, Article 6, 20 pages.

Kalman, Y. & Gergle, D. (2014). Letter Repetitions in Computer-Mediated Communication: A Unique Link Between Spoken and Online Language. *Computers in Human Behavior, 34(1)*, 187-193.

Keegan, B., Gergle D., & Contractor, N. (2013). Hot Off the Wiki: Structures and Dynamics of Wikipedia's Coverage of Breaking News Events. *American Behavioral Scientist, 57(5)*, 595-622.

Kalman, Y., Scissors, L., Gill, A., & Gergle, D. (2013). Online Chronemics Convey Social Information. *Computers in Human Behavior*, *29(3)*, 1260-1269.

Gergle, D., Kraut, R.E., & Fussell, S.R. (2013). Using Visual Information for Grounding and Awareness in Collaborative Tasks. *Human-Computer Interaction*, *28(1),* 1-39.

Burns, M.N., Begale, M., Duffecy, J., Gergle, D., Karr, C.J., Giangrande, E., & Mohr, D.C. (2011). Harnessing Context Sensing to Develop a Mobile Intervention for Depression. *Journal of Medical Internet Research, 13(3):e55.*

Tan, D., Gergle, D., Mandryk, R., Inkpen, K., Kellar, M., Hawkey, K., & Czerwinski, M. (2008). Using Job-Shop Scheduling Tasks for Evaluating Collocated Collaboration. *Journal of Personal and Ubiquitous Computing, 12(3)*, 255-267.

Avrahami, D., Gergle, D., Hudson, S., & Kiesler, S. (2007). Improving the Match Between Callers and Receivers: A Study on the Effect of Contextual Information on Cell Phone Interruptions. *Behaviour & Information Technology, 26(3),* 247-259.

Tan, D., Gergle, D., Scupelli, P., & Pausch, R. (2006). Physically Large Displays Improve Performance on Spatial Tasks. *ACM Transactions on Computer-Human Interaction (ToCHI), 13(1)*, 71-99.

Gergle, D., Kraut, R.E., & Fussell, S.R. (2004). Language Efficiency and Visual Technology: Minimizing Collaborative Effort with Visual Information. *Journal of Language and Social Psychology, 23(4)*, 491-517.

Refereed Papers in Archival Conference Proceedings

Garg, K., Gergle, D., & Zhang, H. (2022). Understanding the Practices and Challenges of Networked Orchestration in Research Communities of Practice. To appear in *Proceedings of the ACM on Human-Computer Interaction, Vol 5, Issue CSCW*.

Cambo, S.A., & Gergle, D. (2022). Model Positionality and Computational Reflexivity: Promoting Reflexivity in Data Science. In *CHI Conference on Human Factors in Computing Systems (CHI '22)*, April 29-May 5, 2022, New Orleans, LA, USA. ACM, New York, NY, USA, 19 pages. https: //doi.org/10.1145/3491102.3501998
* Best Paper Award, Honorable Mention (top 5% of papers)

Das, M. McHugh, T., Piper, A.M., & Gergle, D. (2022). Co11ab: Augmenting Accessibility in Synchronous Collaborative Writing for People with Vision Impairments. In *CHI Conference on Human Factors in Computing Systems (CHI '22)*, April 29-May 5, 2022, New Orleans, LA, USA. ACM, New York, NY, USA, 18 pages. https://doi.org/10.1145/3491102.3501918

Louie R., Gergle, D., & Zhang, H. (2022). Affinder: Expressing Concepts of Situations that Afford Activities using Context-Detectors. In *CHI Conference on Human Factors in Computing Systems (CHI '22)*, April 29-May 5, 2022, New Orleans, LA, USA. ACM, New York, NY, USA, 18 pages. https://doi.org/10.1145/3491102.3501902

Louie, R., Garg, K., Werner, J., Sun, A., Gergle, D., & Zhang, H. (2021). Opportunistic Collective Experiences: Surfacing Situations that Arise for Engaging in Shared Experiences and Activities at Distance. *Proceedings of the ACM on Human-Computer Interaction, Vol. 4, Issue CSCW*.

Oeldorf-Hirsch, A., & Gergle, D. (2020). 'Who knows what': Audience targeting for question asking on Facebook. *Proceedings of the ACM on Human-Computer Interaction (GROUP)*, Volume 4, Article 11. ACM, New York, NY, USA, 20 pages. https://doi.org/10.1145/33;75191

Das, M., Gergle, D., & Piper, A.M. (2019). "It doesn't win you friends": Understanding Accessibility in Collaborative Writing for People with Vision Impairments. *Proceedings of the ACM on Human-Computer Interaction, Vol. 3, Issue CSCW, Article 191 (November 2019), 26 pages. DOI:https://doi.org/10.1145/3359293*
* Best Paper Award, Honorable Mention (top 5% of papers)

Díaz, M., Johnson, I., Lazar, A., Piper, A.M., & Gergle, D. (2019). Addressing Age-Related Bias in Sentiment Analysis. Invited paper and presentation in the *Proceedings of the Twenty-Eighth International Joint Conference on Artificial Intelligence (IJCAI 2019)*, pp. 6146-6150.

Garg, K., Kim, Y., Gergle, D., & Zhang, H. (2019). 4X: A Hybrid Approach for Scaffolding Data Collection and Interest in Low-Effort Participatory Sensing. *Proceedings of the ACM on Human-Computer Interaction, Vol 3, Issue CSCW*, Article 90 (November 2019), 28 pages. DOI:https://doi.org/10.1145/3359192

D'Angelo, S., Brewer, J., & Gergle, D. (2019). Iris: A Tool for Designing Contextually Relevant Gaze Visualizations. *Proceedings of the 4th Workshop on Eye Tracking and Visualization (ETVIS 2019)*. ACM, New York, NY, USA, Paper #TBD.

Das, M., Hecht, B., & Gergle, D. (2019). The Gendered Geography of Contributions to OpenStreetMap: Complexities in Self-Focus Bias. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2019)*. ACM, New York, NY, USA, Paper #TBD, 14 pages.

D'Angelo, S., & Gergle, D. (2018). An Eye for Design: Gaze Visualizations for Remote Collaborative Work. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2018)*. ACM, New York, NY, USA, Paper 349, 12 pages. DOI: https://doi.org/10.1145/3173574.3173923

Díaz, M., Johnson, I., Lazar, A., Piper, A.M., & Gergle, D. (2018). Addressing Age-Related Bias in Sentiment Analysis. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2018)*. ACM, New York, NY, USA, Paper 412, 14 pages. DOI: https://doi.org/10.1145/3173574.3173986
* Best Paper Award (top 1% of papers)

Hui, J., Gergle, D., & Gerber, E. (2018). IntroAssist: A Tool to Support Writing Introductory Help Requests. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2018)*. ACM, New York, NY, USA, Paper 22, 13 pages. DOI: https://doi.org/10.1145/3173574.3173596

Kim, Y., Gergle, D., & Zhang. H. (2018). Hit-or-Wait: Coordinating Opportunistic Low-effort Contributions to Achieve Global Outcomes in On-the-go Crowdsourcing. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2018)*. ACM, New York, NY, USA, Paper 96, 12 pages. DOI: https://doi.org/10.1145/3173574.3173670

Foong, E., Gergle, D., & Gerber, E. (2017). Novice and Expert Sensemaking of Crowdsourced Feedback. *Proceedings of the ACM Human-Computer Interaction (CSCW 2018),* 1(1), Article 45, 18 pages. New York: ACM Press.

DeVito, M.A., Gergle, D., & Birnholtz, J. (2017). "Algorithms ruin everything": #RIPTwitter, Folk Theories, and Resistance to Algorithmic Change in Social Media. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2017)*, pp. 3163-3174. New York: ACM Press.

Foote, J., Gergle, D., & Shaw, A. (2017). Starting Online Communities: Motivations and Goals of Wiki Founders. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2017)*, pp. 6376-6380. New York: ACM Press.

D'Angelo, S., & Gergle, D. (2016). Gazed and Confused: Understanding and Designing Shared Gaze for Remote Collaboration. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2016)*, pp. 2492-2495. New York: ACM Press.

Fitzpatrick, C., Birnholtz, J., & Gergle, D. (2016). People, Places, and Perceptions: Effects of Location Check-in Awareness on Impressions of Strangers. *Proceedings of the 18th International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI 2016)*, pp. 295-305. New York: ACM Press.

Kim, Y., Harburg, E., Azria, S., Shaw, A., Gerber, E., Gergle, D., & Zhang, H. (2016). Studying the Effects of Task Notification Policies on Participation and Outcomes in On-the-go Crowdsourcing. *Proceedings of the 4th AAAI Conference on Human Computation and Crowdsourcing (HCOMP 2016),* pp. 99-108.

Liebman, N., & Gergle, D. (2016). It's (Not) Simply a Matter of Time: The Relationship Between CMC Cues and Interpersonal Affinity. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2016)*, pp. 570-581. New York: ACM Press.
* Best Paper Award, Honorable Mention (top 5% of papers)

Liebman, N., & Gergle, D. (2016). Capturing Turn-by-turn Lexical Similarity in Text-based Communication. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2016)*, pp. 553-559. New York: ACM Press.

Scissors, L., & Gergle, D. (2016). On the Bias: Self-esteem Biases Across Communication Channels During Romantic Couple Conflict. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2016)*, pp. 383-393. New York: ACM Press.

Sharma, K., D'Angelo, S., Gergle, D., & Dillenbourg, P. (2016). Visual Augmentation of Deictic Gestures in MOOC Videos. *Proceedings of the International Conference of the Learning Sciences (ICLS 2016)*, pp. 202-209.

Birnholtz, J., Gergle, D., Liebman, N., & Sinclair, S. (2015). Feeling Aware: Investigating the Use of a Mobile Variable-friction Tactile Display for Awareness Information. *Proceedings of the 17th International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI 2015)*, pp. 16-25. New York: ACM Press.

Kim, Y., Harburg, E., Azria, S., Gerber, E., Gergle, D., & Zhang, H. (2015). Enabling Physical Crowdsourcing On-the-Go with Context-Sensitive Notifications. *Proceedings of the 3rd AAAI Conference on Human Computation and Crowdsourcing,* pp. 14-15.

Hui, J., Gerber, E., & Gergle, D. (2014). Understanding and leveraging social networks for crowdfunding: Implications for support tools. *Proceedings of the ACM Conference on Designing Interactive Systems (DIS 2014),* pp. 677-680. New York: ACM Press.

Scissors, L.E., Roloff, M., & Gergle, D. (2014). Room for Interpretation: The Role of Self-Esteem and CMC in Romantic Couple Conflict. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2014)*, pp. 3953-3962. New York: ACM Press.
* Best Paper Award, Honorable Mention (top 5% of papers)

Oeldorf-Hirsch, A., Hecht, B., Ringel Morris, M., Teevan, J., & Gergle, D. (2014). To Search or to Ask: The Routing of Information Needs Between Traditional Search Engines and Social Networks. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2014)*, pp. 16-27. New York: ACM Press.

Scissors, L.E., & Gergle, D. (2013). Back and Forth, Back and Forth: Channel Switching in Romantic Couple Conflict. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2013)*, pp. 237-247. New York: ACM Press.

Bao, P., Hecht, B., Carton, S., Quaderi, M., Horn, M., & Gergle, D. (2012). Omnipedia: Bridging the Wikipedia Language Gap. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2012),* pp. 1075-1084. New York: ACM Press.

Hecht, B., Carton, S., Quaderi, M., Schöning, J., Raubal, M., Gergle, D., & Downey, D. (2012). Explanatory Semantic Relatedness and Explicit Spatialization for Exploratory Search. *Proceedings of ACM Special Interest Group on Information Retrieval (SIGIR 2012)*, pp. 415-424. New York: ACM Press.

Kalman, Y., Geraghty, K., Thompson, C.K., & Gergle, D. (2012). Detecting Linguistic HCI Markers in an Online Aphasia Support Group. *Proceedings of the 14th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS 2012)*, pp. 65-70. New York: ACM Press.

Keegan, B., Gergle, D., & Contractor, N. (2012). Do Editors or Articles Drive Collaboration? Multilevel Statistical Network Analysis of Wikipedia Coauthorship. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2012)*, pp. 427-436. New York: ACM Press.

Keegan, B., Gergle, D., & Contractor, N. (2012). Staying in the Loop: Structure and Dynamics of Wikipedia's Breaking News Collaborations. *Proceedings of the 8th International Symposium on Wikis and Open Collaboration (WikiSym 2012)*. New York: ACM Press.

Pardo, B., Little, D., & Gergle, D. (2012). Building a Personalized Audio Equalizer Interface with Transfer Learning and Active Learning. *Proceedings of the 2nd International ACM Workshop on Music Information Retrieval with User-Centered and Multimodal Strategies (MIRUM 2012)*, pp. 13-18. New York: ACM Press.

Yatani, K., Gergle, D., & Truong, K.N. (2012). Investigating Effects of Visual and Tactile Feedback on Spatial Coordination in Collaborative Handheld Systems. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2012)*, pp. 661-670. New York: ACM Press.

Gergle, D., & Clark, A. (2011). See What I'm Saying? Using Dyadic Mobile Eye Tracking to Study Collaborative Reference. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2011)*, pp. 435-444. New York: ACM Press.
* Best Paper Award, Honorable Mention (top 5% of papers)

Keegan, B., Gergle, D., & Contractor, N. (2011). Hot off the Wiki: Dynamics, Practices, and Structures in Wikipedia's Coverage of the Tohoku Catastrophes. *Proceedings of the 7th International Symposium on Wikis and Open Collaboration (WikiSym 2011)*, pp. 105-113. New York: ACM Press.

Santelli, J-T., Millen, D.R., & Gergle, D. (2011). Organizational Acculturation and Social Networking. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2011)*, pp. 313-316. New York: ACM Press.

Wobbrock, J.O., Findlater, L., Gergle, D., & Higgins, J.J. (2011). The Aligned Rank Transform for Nonparametric Analysis of Multiple Factors Using Only ANOVA Procedures. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2011)*, pp. 143-146. New York: ACM Press.
* Best Short Paper Award, Honorable Mention (top 5% of papers)

Bao, P., Gerber, L., Gergle, D., & Hoffman, D. (2010). Momentum: Getting and Staying on Topic During a Brainstorm. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2010)*, pp. 1233-1236. New York: ACM Press.

Hecht, B., & Gergle, D. (2010). The Tower of Babel Meets Web 2.0: User-Generated Content and its Applications in a Multilingual Context. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2010)*, pp. 291-300. New York: ACM Press.
* Best Paper Award (top 1% of papers)

Hecht, B., & Gergle, D. (2010). On the "Localness" of User-Generated Content. *Proceedings of the ACM Conference on Computer-Supported Cooperative Work (CSCW 2010)*, pp. 229-232. New York: ACM Press.

Kalman, Y., & Gergle, D. (2010). CMC Cues Enrich Lean Online Communication: The Case of Letter and Punctuation Mark Repetitions. *Association for Information Systems (AIS 2010) Proceedings of the 5th Mediterranean Conference on Information Systems*, (15 pp.).
* Best Paper Award

Kalman, Y., Scissors, L., & Gergle, D. (2010). Chronemic Aspects of Chat and Their Relationship to Trust in a Virtual Team. *Association for Information Systems (AIS 2010) Proceedings of the 5th Mediterranean Conference on Information Systems,* (9 pp.).

Keegan, B., & Gergle, D. (2010). Egalitarians at the Gate: One-Sided Gatekeeping Practices in Participatory Social Media. *Proceedings of the ACM Conference on Computer-Supported Cooperative Work (CSCW 2010)*, pp. 131-134. New York: ACM Press.
* Best Short Paper Award, Honorable Mention (top 5% of papers)

Bao, P., & Gergle, D. (2009). What's "This" You Say? The Use of Local References on Distant Displays. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2009)*, pp. 1029-1032. New York: ACM Press.

Hecht, B., & Gergle, D. (2009). Measuring Self-Focus Bias in Community-Maintained Knowledge Repositories. *4th International Conference on Communities and Technologies (C&T 2009)*, pp. 11-20. New York: ACM Press.

Scissors, L.E., Gill, A.J., Geraghty, K., & Gergle, D. (2009). Like You, Like Me: Linguistic Similarity and Trust in Text-Based CMC. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2009)*, pp. 527-536. New York: ACM Press.

Gill, A.J., French, R.M., Gergle, D., & Oberlander, J. (2008). The Language of Emotion in Short Blog Texts. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2008)*, pp. 299-302. New York: ACM Press.

Scissors, L.E., Gill, A.J., & Gergle, D. (2008). Linguistic Mimicry and Trust in Text-Based CMC. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2008)*, pp. 277-280. New York: ACM Press.
* Best Short Paper Award, Honorable Mention (top 5% of papers)

Gill, A.J., Gergle, D., French, R.M., & Oberlander, J. (2008). Emotion Rating from Short Blog Texts. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2008)*, pp. 1121-1124. New York: ACM Press.

Thompson, W., & Gergle, D. (2008). Modeling Situational Conversational Agents as Partially Observable Markov Decision Processes. *Proceedings of the International Conference on Intelligent User Interfaces (IUI 2008)*, pp. 401-404. New York: ACM Press.

Balan, R.K., Gergle, D., Satyanarayanan, M., & Herbsleb, J. (2007). Simplifying Cyber Foraging for Mobile Devices. *Proceedings of the 5th International Conference on Mobile Systems, Applications, and Services (MobiSys 2007)*, pp. 272-285. New York: ACM Press.

Gergle, D., Rosé, C.P., & Kraut, R.E. (2007). Modeling the Impact of Shared Visual Information on Collaborative Reference. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2007)*, pp. 1543-1552. New York: ACM Press.
* Best Paper Award, Honorable Mention (top 5% of papers)

Gergle, D. (2006). What's There to Talk About? A Multi-Modal Model of Referring Behavior in the Presence of Shared Visual Information. *Proceedings of the European Chapter of the Association for Computational Linguistics (EACL 2006), Conference Companion*, pp. 7-14. New Brunswick, NJ: Association for Computational Linguistics.

Gergle, D., Kraut, R.E., & Fussell, S.R. (2006). The Impact of Delayed Visual Feedback on Collaborative Performance. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2006)*, pp. 1303-1312. New York: ACM Press.
* Best Paper Award, Honorable Mention (top 5% of papers)

Gergle, D., Kraut, R.E., & Fussell, S.R. (2004). Action as Language in a Shared Visual Space. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2004)*, pp. 487-496. New York: ACM Press.

Gergle, D., Millen, D.R., Kraut, R.E., & Fussell, S.R. (2004). Persistence Matters: Making the Most of Chat in Tightly-Coupled Work. *Proceedings of the ACM Conference on Human Factors in Computer Systems (CHI 2004)*, pp. 431-438. New York: ACM Press.

Tan, D., Gergle, D., Scupelli, P., & Pausch, R. (2004). Physically Large Displays Improve Path Integration in 3D Virtual Navigation Tasks. *Proceedings of the ACM Conference on Human Factors in Computer Systems (CHI 2004)*, pp. 439-446. New York: ACM Press.

Tan, D., Gergle, D., Scupelli, P., & Pausch, R. (2003). With Similar Visual Angles, Larger Displays Improve Spatial Performance. *Proceedings of the ACM Conference on Human Factors in Computer Systems (CHI 2003)*, pp. 217-224. New York: ACM Press.

Kraut, R., Gergle, D., & Fussell, S. (2002). The Use of Visual Information in Shared Visual Spaces: Informing the Development of Virtual Co-Presence. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2002)*, pp. 31-40. New York: ACM Press.

Bos, N., Olson, J.S., Gergle, D., Olson, G.M., & Wright, Z. (2002). Effects of Four Computer-Mediated Communications Channels on Trust Development. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2002)*, pp. 135-140. New York: ACM Press.

Nichols, J., Wobbrock, J., Gergle, D., & Forlizzi, J. (2002). Mediator and Medium: Doors as Interruption Gateways and Aesthetic Displays. *Proceedings of the ACM Conference on Designing Interactive Systems (DIS 2002)*, pp. 379-386. New York: ACM Press.

Bos, N., Gergle, D., Olson, J.S., & Olson, G.M. (2001). Being There Versus Seeing There: Trust via Video. *Proceedings of Human Factors in Computing Systems (CHI 2001) Extended Abstracts*, pp. 291-292. New York: ACM Press.

Brinck, T., & Gergle, D. (1998). The Design of Banking Websites: Lessons from Iterative Design. *Proceedings of Asia Pacific Computer Human Interaction (APCHI 98)*, pp. 386-391. Kanagawa, Japan.

Book Chapters

Cambo, S., & Gergle, D. (2018). User-centered Machine Learning for Activity Recognition. In Zhou, J., Chen, F. (Eds.) *Human and Machine Learning: Visible, Explainable, Trustworthy and Transparent*, pp. 315-339. Human-Computer Interaction Series. Springer. https://doi.org/10.1007/978-3-319-90403-0

Gergle, D. (2017). Discourse Processing in Technology-Mediated Environments. In M.F. Schober, D.N. Rapp and M. Anne Britt (Eds.) *The Routledge Handbook of Discourse Processes: Second Edition*. CRC Press, Taylor & Francis Group.

Hecht, B., & Gergle, D. (2015). How Local is User-Generated Content? A 9,000+ Word Essay on Answering a Seemingly Simple Research Question. In E. Hargittai and C. Sandvig (Eds.) *Digital Research Confidential: The Secrets of Studying Behavior Online,* pp. 173-200. MIT Press.

Gergle, D., & Tan, D. (2014). Experimental Research in HCI. In *Ways of Knowing in HCI*. (Eds: J.S. Olson and W. Kellogg), pp. 191-227. Springer.

Hecht, B., & Gergle, D. (2011). A Beginner's Guide to Geographic Virtual Communities Research. *Handbook of Research on Methods and Techniques for Studying Virtual Communities: Paradigms and Phenomena* (pp. 333-347). Ed: Daniel, Ben K. IGI Global.

Fussell, S. R., Kraut, R. E., Gergle, D., & Setlock, L. D. (2005). Visual Cues as Evidence of Others' Minds in Collaborative Physical Tasks. (Eds: B. Malle and S. Hodges), *Other Minds* (pp. 91-105). New York: The Guilford Press.

Organized Workshops and Tutorials

Gergle, D. (2019). Experimental methods in HCI. Two day workshop at the *1st International Summer School in Research Methods for HCI/CSCW*. Rio de Janeiro, RJ, Brazil.

Ackerman, M., Adamic, L., Ellison, N., Gergle, D., Hecht, B., Lampe, C., Ringel Morris, M., & Teevan, J. (2013). Social Media Question Asking. Co-organized workshop presented at the *ACM Conference on Computer Supported Cooperative Work (CSCW 2013), Extended Abstracts,* pp. 297-298. New York: ACM Press.

Jermann, P., Bednarik, R., Gergle, D., & Brennan, S. (2013). DUET 2013: Dual Eye Tracking in CSCL. Organized workshop presented at *10th International Conference on Computer Supported Collaborative Learning (CSCL 2013)*.

Jermann, P., Gergle, D., Bednarik, R., & Brennan, S. (2012). DUET 2012: Dual Eye Tracking in CSCW. Organized workshop presented at the *ACM Conference on Computer Supported Cooperative Work (CSCW 2012)*, *Extended Abstracts,* pp. 23-24. New York: ACM Press.

Jermann, P., Bednarik, R., & Gergle, D. (2011). DUET 2011: Duel Eye Tracking in CSCW. Organized workshop presented at the *European Conference on Computer Supported Cooperative Work (ECSCW 2011)*.

Gergle, D., Brinck, T., & Wood, S. (1999). Practical Usability Methods in Website Design. *Tutorial presented at Human Factors in Computing Systems (CHI 1999) Extended Abstracts*, pp. 110-111. New York: ACM Press.

Gergle, D., Brinck, T., & Wood, S. (1999). Practical Usability Methods in Website Design. Invited tutorial at *User Interface 99*, San Francisco, CA. (April 1999).

Brinck, T., Gergle, D., & Wood, S. (1998). Website Design from the Trenches. *Tutorial presented at Human Factors in Computing Systems (CHI 1998) Extended Abstracts*, pp. 133-134. New York: ACM Press.

Brinck, T., Gergle, D., and Wood, S. (1998). Website Design from the Trenches. Invited tutorial at *User Interface 98*, Boston, MA. (October 1998).

Lightly Refereed Conference Papers and Workshop Proceedings

Brewer, J., D'Angelo, S., & Gergle, D. (2018). IRIS: Gaze Visualization Design Made Easy. In *Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems (CHI EA '18)*. ACM, New York, NY, USA, Paper D504, 4 pages. DOI: https://doi.org/10.1145/3170427.3186502

Yao, N., Brewer, J., D'Angelo, S., Horn, M., & Gergle, D. (2018). Visualizing Gaze Information from Multiple Students to Support Remote Instruction. In *Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems (CHI EA '18)*. ACM, New York, NY, USA, Paper LBW051, 6 pages. DOI: https://doi.org/10.1145/3170427.3188453

Maddock, J., Shaw, A., & Gergle, D. (2017). Talking About Talk: Coordination in Large Online Communities. *Proceedings of the CHI 2017 Late Breaking Work - Extended Abstracts*, pp. 1869-1876. New York, NY: ACM Press.

Li, J., Manavalan, M., D'Angelo, S., & Gergle, D. (2016). Designing Shared Gaze Awareness for Remote Collaboration. *Proceedings of the CSCW 2016 Posters - Conference Companion*, pp. 3258-328. New York, NY: ACM Press.

Liebman, N., & Gergle, D. (2015). Toward a Real-time Measure of Text-based Lexical Entrainment. *The 25th Annual Meeting of the Society for Text and Discourse*, Minneapolis, MN.

Davison, J., & Gergle D. (2015). "This one over there?": Children's Reference to Near and Far Objects. *The 25th Annual Meeting of the Society for Text and Discourse*, Minneapolis, MN.

Hargittai, E., Gergle, D., Herndon, R., & Sirota, K. (2015). "Who is Jonathan the Tortoise?": Question-Asking in Everyday Life. *The 65th annual conference of the International Communication Association (ICA)*, Puerto Rico.

Oeldorf-Hirsch, A., & Gergle, D. (2014). Audience targeting strategies for seeking information on Facebook. *Presented at the 64th annual conference of the International Communication Association (ICA)*, Seattle, WA.

Hui, J. Gerber, E., & Gergle, D. (2014). Understanding and Leveraging Social Networks for Crowdfunding: Implications for Support Tools. *Work in progress presented at the CHI 2014 Conference*. Toronto, Canada.

Kalman, Y., & Gergle, D. (2013). The Ubiquity and Influence of CMC Cues in Social Networking Sites. *Paper presented at the 2013 Conference of the International Communication Association (ICA)*. London, England.

Kalman, Y., Scissors, L.E., Gill, A.J., & Gergle, D. (2012). Online Chronemics Convey Social Information. *Paper presented at the 2012 Conference of the International Communication Association (ICA)*. Phoenix, AZ.

Clark, A., & Gergle, D. (2012). Know What I'm Talking About? Dual Eye-tracking in Multimodal Reference Resolution. *Paper presented at DUET 2012: Dual Eye Tracking workshop at CSCW 2012*.

Clark, A., & Gergle, D. (2011). Mobile Dual Eye-tracking Methods: Challenges and Opportunities. *Paper presented at DUET 2011: Dual Eye Tracking workshop at ECSCW 2011*.

Clark, A., & Gergle, D. (2010). Effects of Shifting Spatial Context on Referential Form. *Paper presented at the 20th Annual Meeting of the Society for Text and Discourse*, Chicago, IL.

Scissors, L.E., Gill, A.J., Geraghty, K., & Gergle, D. (2010). Trust through text: Examining linguistic similarity and trust in text chat. Invited paper presented at the *Society for Personality and Social Psychology Annual Conference*, Las Vegas, NV.

Kalman, Y., & Gergle, D. (2009). Wooohoooo!! Letter and Punctuation Mark Repetitions as Cues in Computer-Mediated Communication. *Paper presented at the 2009 Conference of the National Communication Association*. Chicago, IL.

Scissors, L., Gill, A.J., & Gergle, D. (2009). "You Can Trust Me," "I Can Trust You": Linguistic Accomodation and Trust in Text-Based CMC. *Paper presented at the 2009 Conference of the International Communication Association*. Chicago, IL.

Gill, A.J., French, R.M., Gergle, D., & Oberlander, J. (2008). Identifying Emotional Characteristics from Short Blog Texts. *Paper presented at the 30th Annual Conference of the Cognitive Science Society*, Washington, D.C.

Gill, A.J., French, R.M., Gergle, D., & Oberlander, J. (2008). Exploring Content Analysis and Co-occurrence Techniques to Identify Emotional Characteristics of Short Blog Texts. *Paper presented at the 18th Annual Meeting of the Society for Text and Discourse*, Memphis, TN.

Gergle, D., Kraut, R.E., & Fussell, S.R. (2008). Communication Breakdowns in Collaborative Settings: The Influence of Visual Delay on Distributed Communication. *Paper presented at the 2008 Conference of the International Communication Association.* Montreal, Quebec.

Gill, A.J., & Gergle, D. (2008). The Language of Trust Establishment in Face-to-Face and Video-Mediated Communication. *Paper presented at the 2008 Conference of the International Communication Association.* Montreal, Quebec.

Gill, A.J., Gergle, D., & Oberlander, J. (2008). Emotional Features of Short Blog Texts. *CHI 2008 Workshop on Measuring Affect in HCI: Going Beyond the Individual* (Shami, N.S., Hancock, J., Peter, C., Muller, M., Kim, Y., & Mandryk, R.). Florence, Italy.

Gergle, D. Rosé, P., & Kraut, R.E. (2007). Computational Modeling of Reference in the Presence of Shared Visual Information. *Paper presented at the 17th Annual Meeting of the Society for Text and Discourse,* Glasgow, Scotland.

Gergle, D. (2006). The Value of Shared Visual Information for Collaborative Task Performance. *IBM T.J. Watson Research – Hawthorne, NY* (March 14, 2006) & *IBM T.J. Watson Research – Cambridge, MA* (March 16, 2006).

Gergle, D. (2005). The Value of Shared Visual Space for Collaborative Physical Tasks. *Doctoral Consortium Presentation at Human Factors in Computer Systems (CHI 2005) Extended Abstracts*, pp. 1116-1117. Portland, OR.

Gergle, D. (2004). Using Language and Behavioral Performance Measures to Evaluate Collaboration. *Presented at Computer Supported Cooperative Work (CSCW) Workshop on Methodologies for Evaluating Collaboration in Co-located Environments.* Chicago, IL.

Kraut, R.E., Gergle, D., & Fussell, S.R. (2004). The Use of Visual Information in Shared Visual Space. *Paper presented at the 2004 Conference of the International Communication Association.* New Orleans, LA.

Gergle, D. & Millen, D. (2003). Common Ground in Distributed Collaborative Interactions: Coordination, Action and Behavior in Text-Chat Clients. *IBM T.J. Watson Research Center.* Cambridge, MA.

Shah, P., Hoeffner, J., Gergle, D., Anderson, N., & Shellhammer, D. (2000). A construction-integration approach to graph comprehension. *Presented at the 41st Annual meeting of the Psychonomic Society.* New Orleans, LA.

Gergle, D., Brinck, T., and Wood, S. (1999). Practical Usability Methods in Website Design. *Invited tutorial presented at BAYCHI*, Santa Clara, CA.

Awards and Honors

John G. Searle Professorship, Northwestern University	*2020+*
Best Paper Award, Honorable Mention (CHI 2022)	*2022*
Best Paper Award, Honorable Mention (CSCW 2019)	*2019*
Best Paper Award (CHI 2018)	*2018*
AT&T Research Chair Professorship Northwestern University, School of Communication	*2017-2018*
Clarence Simon Award for Outstanding Teaching and Mentoring Northwestern University, School of Communication	*2017*
Best Paper Award, Honorable Mention (CSCW 2016)	*2016*
Best Paper Award, Honorable Mention (CSCW 2014)	*2014*
Kavli Fellow, National Academy of Sciences	*2013*
Best Short Paper Award, Honorable Mention (CHI 2011)	*2011*
Best Paper Award, Honorable Mention (CSCW 2011)	*2011*
National Science Foundation Early Career Development Award *(NSF CAREER, CISE:IIS division)*	*2010-2015*
Best Paper Award (CHI 2010)	*2010*
Best Short Paper Award, Honorable Mention (CSCW 2010)	*2010*
Best Paper Award (MCIS 2010)	*2010*
Kavli Fellow, National Academy of Sciences	*2009-2011*
Clarence Ver Steeg Award, Northwestern University The Graduate School (TGS) award for graduate research mentoring	*2009*
Best Short Paper Award, Honorable Mention (CSCW 2008)	*2008*
Microsoft New Faculty Fellowship Finalist	*2007*
Best Paper Award, Honorable Mention (CHI 2007)	*2007*
Best Paper Award, Honorable Mention (CHI 2006)	*2006*
IBM Ph.D. Fellowship IBM T.J. Watson Research	*2003-2006*
NASA Graduate Student Researchers Program (GSRP) Award Honorable Mention	*2003*
General Scholarship Award University of Michigan (Ann Arbor)	*1999-2001*
Margaret Mann Award Faculty voted award for top student in graduating class University of Michigan (Ann Arbor)	*2001*

Research Grants

NSF CHS Medium: Next Generation Content Production Tools for People with Visual Impairments Role: Co-PI (2019) / PI (2020+)	2019-2023	$1,199,903
Google Faculty Research Grant Role: PI (shared w/ H. Zhang)	2018-2019	$69,313
NSF CHS: Coordination of Opportunistic Actions to Produce Globally Effective Behaviors for Physical Crowdsourcing Role: Co-PI	2016-2019	$496,380
Google Faculty Research Grant Role: PI (shared w/ E. Hargittai)	2015-2016	$93,493
Facebook Faculty Research Gift Facebook Role: PI	2013	$25,000
Workshop: CSCW 2014 Doctoral Colloquium National Science Foundation (NSF CISE:IIS) Role: PI	2013-2014	$25,049
Building Audio Interfaces with Crowdsourced Concept Maps and Active Transfer Learning National Science Foundation (NSF CISE:IIS) Role: Co-PI	2011-2014	$499,804
Technology Assisted Intervention for the Treatment and Prevention of Depression National Institutes of Mental Health (NIMH) P20 Role: Co-I	2011-2016	$4,798,832
Bing Agent Friend Microsoft Research Award Role: PI	2011	$108,863
CAREER: A Multi-Disciplinary Approach to the Next Generation of Collaborative Technologies National Science Foundation (NSF CISE:IIS) Role: PI	2010-2015	$485,918
GK-12: Reach for the Stars: Computational Models for Teaching and Learning in Physics, Astronomy and Computer Science Role: Co-PI (served as Co-PI but did not co-author grant)	2010-2016	$2,722,371
A Computational Framework for Culturally-Aware Communication Technologies Robert and Kaye Hiatt Fund Role: PI	2009-2011	$58,595

Mobile Sensing Platform for Cognitive Behavioral Therapy NIH-Subcontract from D. Mohr (NU Medical School) Role: PI	2009-2010	$88,333
Personalized Tools to Enhance Musical Creativity National Science Foundation (NSF CISE:IIS) Role: Co-PI	2007-2009	$150,000
A Context-Sensing Toolkit to Support Communication Research Robert and Kaye Hiatt Fund Role: PI	2007-2009	$53,107
Building Technologies to Support Distance Collaboration: The Role of Shared Visual Information for Distributed Collaboration Microsoft Research (Award #16186) Role: PI	2007	$50,000
HCC: Coordinating Communication: Visual, Social & Biological Factors in Grounding for Humans and Agents National Science Foundation (NSF CISE:IIS) Role: Co-PI	2007-2010	$821,944
Proposal for a New Cross-Departmental Shared Facility: The NU Mobile Eye Tracking Laboratory Northwestern University OVPR Role: PI	2006-2008	$41,464

Invited Presentations

Gergle, D. (2019). Biases in Peer-Production. *Distinguished Lecture*. Stanford University, Department of Communication. Dec 2, 2019.

Gergle, D. (2017). The Wikipedia Language Gap: Understanding and Designing for Global Communities. *2017 Thomas M. Scheidel Lecture*. University of Washington, Department of Communication. May 17, 2017.

Gergle, D. (2016). Understanding and Designing for Global Knowledge Communities. *Invited speaker for 15th Anniversary symposium on "Current and Future Trends in Technology Based Learning"*. Leibniz-Institut für Wissensmedien, Tübingen, Germany. June 3, 2016.

Gergle, D. (2016). The Wikipedia Language Gap: Understanding and Designing for Global Communities. *Invited presentation at Sloan Foundation workshop on CSCW@Scale at the University of Michigan, Ann Arbor*. May 6, 2016.

Gergle, D. (2016). The Wikipedia Language Gap: Understanding and Designing for Global Communities. *Invited presentation at the University of California, Irvine*. Department of Information and Computer Science. January 14, 2016.

Gergle, D. (2015). Omnipedia: A Tool for Understanding and Bridging the Wikipedia Language Gap. *Invited presentation at École Polytechnique Fédérale de Lausanne (EPFL)*. Department of Computer Science. September, 2015.

Gergle, D. (2015) The MAGIC Potential of Large Online Experiments for Theory Development. *Invited discussant at Human Computer Interaction Conference (HCIC 2015)*. June 29, 2015.

Gergle, D. (2014). Understanding and Bridging the Wikipedia Language Gap. *Invited presentation at the International Workshop on Mass Collaboration and Education.* Leibniz-Institut für Wissensmedien, Knowledge Media Research Center (KMRC) – Tübingen, Germany. May 23, 2014.

Gergle, D. (2013). Understanding and Bridging the Wikipedia Language Gap. *Invited presentation at University of Illinois, Urbana-Champaign (UIUC) – Human-Computer Interaction Seminar Series*. Urbana, IL. November 12, 2013.

Gergle, D. (2013). Understanding and Bridging the Wikipedia Language Gap. *Invited presentation at University of California, San Diego (UCSD) – Inaugural "Design at Large" Lecture Series*. San Diego, CA. October 17, 2013.

Gergle, D. (2013). Mobilyze! Lessons Learned... *Invited presentation at Sloan Doctoral Workshop on Developing Best Practices for Using Digital Tools to Study Human Behavior in Online Environments*. Led by E. Hargittai at Northwestern University, Evanston, IL. August 18-20, 2013.

Gergle, D. (2013). Understanding and Bridging the Wikipedia Language Gap. *Invited presentation at University of Illinois – Chicago (UIC), Communication Studies Colloquium Speaker Series*. Chicago, IL. March 20, 2013.

Gergle, D. (2010). Exploring User-Generated Content and Its Applications. *Invited presentation at IBM T.J. Watson Research, Collaborative User Experience (CUE) Group*. Cambridge, MA. May 11, 2010.

Gergle, D. (2009). The Role of Visual Information in Collaborative Technologies. *Invited presentation at Peking University, Visualization and Visual Analytics Group*. Beijing, China. October, 2009.

Gergle, D. (2009). The Role of Conversational Grounding in Collaborative Technologies. *Invited presentation at Cornell University, Department of Communication Studies*. Ithaca, NY. November 3, 2009.

Gergle, D. (2009). The Value of Shared Visual Space for Task-Oriented Collaboration. *Invited presentation at University of Illinois – Chicago, Cognitive Psychology Colloquium Speakers Series*. Chicago, IL. February 4, 2009.

Gergle, D. (2008). Grounding in Visual Scenes: Challenges for the Modeling of Grounding in Task-Oriented Collaborations. *Invited presentation at the University of Southern California (USC) Institute for Creative Technologies (ICT), Workshop on Multimodal Grounding for Virtual Humans and Robots*. USC-ICT, Marina Del Ray, CA. September 12, 2008.

Gergle, D. (2008). Understanding and Modeling Multimodal Communication. *Invited presentation at Distributed Cognition and Social Psychology Workshop,* Schwarzsee, Switzerland. June 2, 2008.

Gergle, D. (2007). Modeling the Impact of Shared Visual Information on Collaborative Reference. *Invited presentation at The CSCL Alpine Rendez-Vous, Mutual Modeling Workshop*. Villars-sur-Allon, Switzerland. January 21-24, 2007.

Gergle, D. (2004). The Value of Shared Visual Information for Collaborative Physical Tasks. *Invited presentation at the First Annual IBM Human-Computer Interaction Research Symposium*. Hawthorne, NY. September 28, 2004.

Fussell, S.R., Kraut, R.E., Gergle, D., & Setlock, L.D. (2003). Visual Cues as Evidence of Others' Minds in Collaborative Physical Tasks. *Other Minds: An Interdisciplinary Conference*. Institute of Cognitive and Decision Sciences, University of Oregon.

Selected Internal Presentations

NU Cognitive Science Pro-Seminar. Guest lecture (2008-2014, 2016-2017).
NU Segal Design Institute, Research Council. Invited lecture (2013).
NU "Designing Product Interactions" course. Guest lecture (2013, 2014).
NU IDEA Program, Engineering, Design & Innovation. Guest lecture (2008-2011).
SoC Century Scholars Invited Talk. November 15, 2007.
NU Domain Dinner, "Technology and Social Behavior". February 12, 2007.
NU MTS/TSB Graduate Seminar. Guest Lecture (2006-2015).
NU Theories of Mass Communication (Communication Studies). Guest Lecture (2006).
NU SoC MSC Managerial Program. Guest Lecture (2006).

Teaching

Instructor, Fall 2018
Introduction to Graduate Research in TSB and MTS (MTS 501)
Northwestern University

Instructor, Spring 2007, 2008, 2011, 2012, 2014-2022
Understanding Technology and Human Interaction (Comm. St. 351 / EECS 395)
Northwestern University

Instructor, Winter 2017, 2018; Spring 2021, 2022
Theories and Practice of Human-Computer Interaction (Comm. St. 525)
Northwestern University

Instructor, Fall 2014
Data as Art
School of the Art Institute of Chicago (SAIC) and Northwestern University

Instructor, Winter 2014
Python for Social Scientists (Comm. St. 525)
Northwestern University

Instructor, Spring 2009, Fall 2010, Fall 2012
Theories and Practice of Computer Mediated Communication (Comm. St. 525)
Northwestern University

Instructor, Winter 2007-2013
Applied Research Methods for Media and Technology (Comm. St. 525)
Northwestern University

Instructor, Fall 2007
Theories & Technologies for Human Communication (Comm. St. 525 / EECS 431)
Northwestern University

Co-Instructor with Ken Koedinger, James Fogarty and A. Fleming Seay, Spring 2005
HCI for Computer Scientists (15-291)
Carnegie Mellon University

Co-Instructor with Sara Kiesler and Irina Shklovski, Fall 2004
Applied Research Methods (05-816)
Carnegie Mellon University

Teaching Assistant for Judith S. Olson, Fall 2000
Evaluation of Systems and Services (622-1)
University of Michigan

University Service

Northwestern University

Chair, Communication Studies Finance Committee	*2022*
Internal Advisory Board Member, MS in Artificial Intelligence program	*2018-present*
Co-Chair, Segal Design Institute Research Council	*2012-present*
Executive Committee, Technology & Social Behavior Joint Ph.D.	*2006-present*
Admissions Committee, Technology & Social Behavior joint Ph.D.	*2007-2021*
Director of Graduate Studies, Technology & Social Behavior Joint Ph.D.	*2010-2020*
Chair, Analytics Faculty Search Committee	*2019-2020*
NU Office of Provost, SoC Dean Search Committee Member	*2019-2020*
Reappointment, Promotion & Tenure, School of Communication	*2016-2019*
NU Program Review, Internal Reviewer (RTVF)	*2018*
Communication Studies Finance Committee	*2017-2018*
Chair, TSB Faculty Search Committee	*2016-2017*
Committee Member, EECS Faculty Search	*2016-2017*
Chair's Advisory Council (Communication Studies)	*2015-2017*
Chair, TSB Faculty Search Committee	*2015-2016*
Search Committee Member, MTS/RTVF Faculty Search	*2014-201515*
Director Northwestern TGS Design Cluster	*2012-2015*
NU Limited Submissions Selection Committee	*2011-12; 13-14*
Chair, TSB Faculty Search Committee	*2011-2012*
Executive Committee, Media, Technology & Society	*2011-2012*
Executive Committee, Center for Technology & Social Behavior	*2008-2010*
Director of Admissions, Technology & Social Behavior joint Ph.D.	*2009-12; 2015*
Admissions Committee, Media, Technology & Society Ph.D.	*2007-10, 2013*
EECS Qualifying Exams Committee	*2007*
Search Committee Member, EECS/Segal Design Search	*2011-2012*
Search Committee Member, Segal Design Institute	*2010-2011*
Search Committee Member, MTS Faculty Search	*2008-2010*
Search Committee Member, MTS/RTVF Faculty Search	*2007-2008*
TGS Clarence Ver Steeg Selection Committee	*2010*
NU UCIT Vision 2020 Faculty Focus Session #1	*2006*
PhD Admissions Committee, HCII - CMU	*2004*

Professional Service

Editorial Boards (Journals):

Associate Editor, ACM Trans. on Computer-Human Interaction (ToCHI)	*2014-present*
Associate Editor, Human Computer Interaction (HCI Journal)	*2012-present*
Editorial Board Member, Social Media + Society (SM+S)	*2015-present*
Editorial Board Member, J. of Comp.-Mediated Comm. (JCMC)	*2013-present*
Editorial Board Member, Communication Research	*2012-present*
Editorial Board Member, Discourse Processes	*2012-2020*

Organizing Committee Member:

Papers co-chair, ACM CSCW 2019	*2019*
General Conference co-chair, ACM CSCW 2016	*2015*

NAS Korean-American Kavli Frontiers of Science Symposium, (National Academies of Science)	*2013*
Doctoral Colloquium co-chair, ACM CSCW 2014	*2013*
Panels co-chair, ACM CSCW 2013	*2012*
Workshops co-chair, ACM CSCW 2012	*2011*
NAS Chinese-American Kavli Frontiers of Science Symposium, Society for Text & Discourse, 2010	*2009-2011*
Interactive Posters co-chair, ACM CSCW 2010	*2009*

Ad-hoc Reviewer (Journals – many with multiple reviews):
- ACM Transactions on Computer-Human Interaction (ToCHI)
- ACM Transactions on Information Systems (TOIS)
- Computer Supported Cooperative Work (CSCW Journal)
- Discourse Processes
- Ergonomics
- Human Technology
- Human-Computer Interaction
- Human-Robot Interaction
- IEEE Internet Computing
- IEEE Multimedia
- International Journal of Human-Computer Studies (IJHCS)
- Journal of Experimental Psychology: Applied
- Journal of Language and Social Psychology
- Language@Internet
- New Media and Society
- The Professional Geographer
- Public Opinion Quarterly

Program Committee Member:

Associate Chair, CHI Conference	*2007-2014*
Associate Chair, WWW Conference (Web Science Track)	*2013-2014*
Associate Chair, CSCW Conference	*2007-2013*
Associate Chair, GROUP Conference	*2010; 2015*
Associate Chair, EMNLP 2008 (Discourse, Dialogue & Pragmatics Track)	*2008*

Reviewer (Conferences):

ACM CSCW Conference, Technical Papers and Notes	*2004-17; 19-21*
ACM CHI Conference, Technical Papers and Notes	*2002-17; 19-21*
Conference on Empirical Methods in NLP (EMNLP 2008) (Discourse, Dialogue, and Pragmatics Track)	*2008*
GROUP Conference, Technical Papers and Notes	*2005, 2010*
Graphics Interface (GI)	*2008*
International Communication Association	*2007-09; 11-14*
Hawai'i International Conference on System Sciences (HICSS)	*2007*

Invited Panelist / Selection Committee Member (Grant Proposals):

CRA Computing Innovation (CI) Fellows Selection Committee	*2011*
National Science Foundation (NSF)	*2007-2015*

Award Committees:

CHI 2013 Best Paper Selection Committee	*2013*
CSCW 2012 Best Paper Selection Committee	*2012*

Memberships:
- Association for Computational Linguistics (ACL)
- Association for Computing Machinery (ACM) and ACM SIGCHI

International Communication Association (ICA)
National Communication Association (NCA)
Society for Text and Discourse (ST&D)

Student and Post-Doctoral Advising

Post-Doctoral Advising:

Stevie Chancellor (Assistant Professor, University of Minnesota)	*2019-2021*
Anne Oeldorf-Hirsch (Associate Professor, Univ. of Connecticut)	*2012-2013*
Emilee J. Rader (Associate Professor, Michigan State Univ.)	*2009-2010*
Yoram Kalman (Associate Professor, The Open University of Israel)	*2008-2009*
Alastair J. Gill (Lead Data Scientist, Ometria - London, UK)	*2007-2009*

Chair, Doctoral Thesis Committee:

Maitraye Das (TSB, co-chair w/Piper; Northwestern University)	*2017-present*
Adam Goodkind (MTS, Northwestern University)	*2019-present*
Jim Maddock (PhD TSB; Northwestern University)	*Mar, 2022*
Scott Cambo (PhD TSB; Data Scientist, Avalanche Insights)	*Apr, 2021*
Noah Liebman (PhD TSB; Design Technologist, Shure)	*Jan, 2021*
Mark Díaz (PhD TSB; Research Scientist Google Ethical AI Team)	*Aug, 2020*
Sarah D'Angelo (PhD TSB, co-chair w/Horn; UX Researcher at Google)	*July, 2018*
Paul Tepper* (PhD TSB; VP and Head of AI, WorkFusion)	*May, 2014*
Patti Bao (TSB; UX Researcher at Google)	*April, 2013*
Brent Hecht (EECS; Assoc. Prof. at Northwestern University)	*Feb, 2013*
Lauren Scissors (MTS; Director Newsfeed Research at Facebook)	*Dec, 2013*
Brian Keegan (MTS, co-chair w/Contractor; Asst. Prof. at University of Colorado, Boulder)	*Dec, 2012*

Committee Member, Doctoral Thesis Committee:

Jack Bandy (Northwestern University, TSB)	*In progress*
Henry Dambanemuya (Northwestern University, TSB)	*In progress*
Arielle Elliot (Northwestern University, Psychology)	*In progress*
Julia Fernandez (Northwestern University, MTS)	*In progress*
Jordan Hosier (Northwestern University, Linguistics)	*In progress*
Azin Semsar (Univ. of Maryland, Baltimore County, HCC)	*In progress*
Nick Vincent (Northwestern University, TSB)	*In progress*
Zach Gibson (Northwestern University, TSB)	*Nov, 2021*
Madeline Smith (Northwestern University, TSB)	*Apr, 2021*
Alice Renwen Zhang (Northwestern University, MTS)	*Apr, 2021*
Michael Ann DeVito (Northwestern University, MTS)	*Oct, 2020*
Jeremy Foote (Northwestern, MTS)	*Sept, 2019*
Sneha Narayan (Northwestern University, TSB)	*Aug, 2019*
Miriam Boon (Northwestern University, TSB)	*July, 2019*
Matthew Heston (Northwestern University, TSB)	*Nov, 2018*
Amartya Banerjee (Northwestern University, EECS)	*Aug, 2018*
Julie Hui (Northwestern University, Mech. Eng.)	*July, 2017*
Pei-Yi Kuo (Northwestern University, TSB)	*Aug, 2017*
Josh Hibschman (Northwestern University, EECS)	*Aug, 2017*
Robin Brewer (Northwestern University, TSB)	*July, 2017*
Robert Deloatch (Univ. of Illinois, Urbana-Champaign, CS)	*July, 2017*
Mark Cartwright (Northwestern University, EECS)	*Oct, 2016*
Mingxian Wang (Northwestern University, Mech. Eng.)	*June, 2016*
Yi Yang (Northwestern University, EECS)	*Sept, 2015*
Kshitij Sharma (École Polytechnique Fédérale de Lausanne, Comp.Sci.)	*Sept, 2015*
Alina Lungeanu (Northwestern University, TSB)	*Sept, 2015*
Eden Litt (Northwestern University, MTS)	*June, 2015*
Chris Schmader (Northwestern University, Cog. Psych.)	*May, 2015*

Courtney Blackwell (Northwestern University, MTS)	*April, 2015*
Brooke Foucault Welles (Northwestern University, MTS)	*July, 2012*
Andrea Tartaro (Northwestern University, TSB)	*Dec, 2010*
William Thompson (Northwestern University, Linguistics)	*Dec, 2009*
David Huffaker (Northwestern University, MTS)	*July, 2009*
Mauro Cherubini (École Polytechnique Fédérale de Lausanne, Comp.Sci.)	*June, 2008*

Graduate Thesis Advisor (pre-candidacy)

Chair, Masters Thesis Committee:

Alan Clark (Northwestern University)	*Aug, 2012*
Brian Keegan (Northwestern University)	*May, 2010*
Lauren Scissors (Northwestern University)	*April, 2010*
Nicole Tilly (Northwestern University)	*June, 2021*
Chris Karr (Northwestern University)	*April, 2009*

Committee Member, MS Thesis Committee:

Abhraneel Sarma (Northwestern University, CS)	*In progress*
Yuanhui 'Kana' Huang (Northwestern University, CS)	*In progress*

Qualifying Exams Supervised:

Nicole Tilly, Kapil Garg, Ryan Louie	*2020*
Ethan Manilow, Allen Yulin Lin	*2019*
Jim Maddock, Mark Diaz, Scott Cambo	*2018*
Eureka Foong	*2017*
Miriam Boon, Mike DeVito, Jeremy Foote, Matthew Heston	*2016*
Lillian Boxman, Sarah D'Angelo, Colin Fitzpatrick, Noah Liebman	*2015*
Casey (Spruill) Pierce	*2014*
Courtney Blackwell, Eden Litt	*2013*
Ryan Whalen, Lindsay Young	*2012*
Alan Clark, Brent Hecht	*2011*
Brian Keegan, Sheena Lewis, Lauren Scissors	*2010*
Patti Bao, Dan Li	*2009*
Francisco Iacobelli, Andrea Tartaro	*2007*

Undergraduate Honors Thesis Advisor:

Thomas Li (Communication Studies, Northwestern University)	*2018-2020*
Minkyong Kim (Communication Studies, Northwestern University)	*2018*
Prarthana Gupta (Communication Studies, Northwestern University)	*2017*
Nick Merrill (Cognitive Science, Northwestern University)	*2012-2013*
Amanda Yentz (Northwestern University)	*2008-2009*