

## **Anne Marie Piper**

## **Curriculum Vitae**

Frances Searle Building, #2-144  
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Northwestern University  
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USA

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ampiper@northwestern.edu  
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### **Education**

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- Ph.D., Cognitive Science** 2011  
Committee: James D. Hollan (chair), Charles Goodwin, William Griswold,  
Edwin Hutchins, Terry Jernigan, Carol Padden  
Department of Cognitive Science  
University of California, San Diego  
Title: “*Augmenting Collocated Interaction: The Design of Assistive Technology to Support Face-to-Face Communication*”
- M.A., Education (Learning, Design, and Technology)** 2005  
School of Education  
Stanford University
- B.S., Computer Science** 2004  
College of Computing  
Georgia Institute of Technology

### **Appointments**

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- Northwestern University  
*Assistant Professor* 2012 - Present  
Department of Communication Studies  
Department of Electrical Engineering & Computer Science 2012 - Present  
by courtesy, McCormick School of Engineering and Applied Sciences  
Department of Communication Sciences and Disorders 2014 - Present  
by courtesy, School of Communication
- University of California, San Diego  
*Lecturer* 2011 - 2012  
Department of Cognitive Science

## Awards and Honors

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Best Paper Award [C.27] <i>ACM Conference on Human Factors in Computing Systems (CHI)</i>	2017
Best Paper, Honorable Mention Award [C.26] <i>ACM Conference on Human Factors in Computing Systems (CHI)</i>	2017
Best Paper, Honorable Mention Award [C.24] <i>ACM Conference on Computer-Supported Cooperative Work (CSCW)</i>	2017
Best Paper, Honorable Mention Award [C.23] <i>ACM Conference on Computer-Supported Cooperative Work (CSCW)</i>	2017
National Science Foundation CAREER Award	2016
Best Paper Award [C.22] <i>ACM Conference on Designing Interactive Systems (DIS)</i>	2016
Best Paper, Honorable Mention Award [C.20] <i>ACM Conference on Human Factors in Computing Systems (CHI)</i>	2016
Alumnae of Northwestern Award for Curriculum Development	2014
Best Paper, Honorable Mention Award [C.13] <i>ACM Conference on Human Factors in Computing Systems (CHI)</i>	2014
UC-San Diego Interdisciplinary Scholar Award	2011
Best Paper Award [C.6] <i>ACM Conference on Computers and Accessibility (ASSETS)</i>	2010
Doctoral Consortium Support Grant <i>ACM Conference on Human Factors in Computing Systems (CHI)</i>	2010
National Science Foundation Graduate Research Fellowship	2004 – 2009

## Publications

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### *Journal Articles*

- [J.8] Piper, A.M., Brewer, R., and Cornejo, R. (2016). Technology use among older adults with vision impairments: Understanding practices and challenges. *Universal Access in the Information Society (UAIS)*.
- [J.7] Brewer, R., Cornejo, R., Schwaba, T., Gergle, D., and Piper, A.M. (2016).

Exploring Traditional Phones as an E-Mail Interface for Older Adults. *ACM Transactions on Accessible Computing (TACCESS)*, 8(2).

- [J.6] Piper, A.M., Cornejo, R., and Brewer, R. (2016). Understanding the Challenges and Opportunities of Smart Mobile Devices among the Oldest Old. *International Journal of Mobile Human-Computer Interaction (IJMHCI)*, 8(2).
- [J.5] Piper, A.M., Weibel, N., and Hollan, J. (2014). Designing Audio-Enhanced Paper Photos for Older Adult Emotional Wellbeing in Communication Therapy. *International Journal of Human-Computer Studies*, 72(8-9), 629-639.
- [J.4] Piper, A.M., Friedman, W., and Hollan, J. (2012). Setting the stage for embodied activity: Small group discussion around a multitouch tabletop display. *International Journal of Learning Technology*, 7(1), 58-78, May 2012.
- [J.3] Piper, A.M., Weibel, N., and Hollan, J. (2011). Write-N-Speak: Authoring Multimodal Digital-Paper Materials for Speech-Language Therapy. *ACM Transactions on Accessible Computing (TACCESS)*, 4(1), Nov 2011.
- [J.2] Piper, A.M. and Hollan, J. (2011). Supporting Medical Communication for Older Patients with a Shared Touch-Screen Computer. *International Journal of Medical Informatics*, Apr 2011.
- [J.1] Morris, M.R., Piper, A.M., Cassanego, A., Huang, A., Paepcke, A., and Winograd, T. (2006). Mediating Group Dynamics through Tabletop Interface Design. *IEEE Computer Graphics and Applications*, Sept/Oct 2006, 65-73.

### *Refereed Papers in Archival Conference Proceedings*

- [C.27] Lazar, A., Edasis, C., Piper, A.M. (2017). A Critical Lens on Dementia and Design in HCI. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI 2017)*, accepted.  
[Best Paper Award (top 1% of papers)]
- [C.26] Lazar, A., Edasis, C., Piper, A.M. (2017). Supporting People with Dementia in Digital Social Sharing. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI 2017)*, accepted.  
[Best Paper Honorable Mention Award (top 5% of papers)]
- [C.25] Feuston, J., and Piper, A.M. (2017). The Social Lives of Individuals with Traumatic Brain Injury. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI 2017)*, accepted.

- [C.24] Lazar, A., Diaz, M., Brewer, R., Kim, C., and Piper, A.M. (2017). Going Gray, Failure to Hire, and the Ick Factor: Analyzing How Older Bloggers Talk about Ageism. *Proceedings of ACM Conference on Computer-Supported Cooperative Work (CSCW 2017)*.  
[Best Paper Honorable Mention Award (top 5% of papers)]
- [C.23] Cingel, D. and Piper, A.M. (2017). How Parents Engage Children in Tablet-Based Reading Experiences: An Exploration of Haptic Feedback. *Proceedings of ACM Conference on Computer-Supported Cooperative Work (CSCW 2017)*.  
[Best Paper Honorable Mention Award (top 5% of papers)]
- [C.22] Lazar, A., Cornejo, R., Edasis, C., and Piper, A.M. (2016). Designing for the Third Hand: Empowering Older Adults with Cognitive Impairments through Creating and Sharing. *Proceedings of the ACM Conference on Designing Interactive Systems (DIS 2016)*.  
[acceptance rate: 26%]  
[Best Paper Award (top 1% of papers)]
- [C.21] Lazar, A., Thompson, H.J., Piper, A.M., and Demiris, G. (2016). Rethinking the Design of Robotic Pets for Older Adults. *Proceedings of the ACM Conference on Designing Interactive Systems (DIS 2016)*.  
[acceptance rate: 26%]
- [C.20] Piper, A.M., Cornejo, R., Hurwitz, L., and Unumb, C. (2016). Technological Caregiving: Supporting Online Activity for Adults with Cognitive Impairments. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI 2016)*.  
[acceptance rate: 23.4%]  
[Best Paper Honorable Mention Award (top 5% of papers)]
- [C.19] Brewer, R., and Piper, A.M. (2016). “Tell It Like It Really Is”: A Case of Online Content Creation and Sharing Among Older Adult Bloggers. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI 2016)*.  
[acceptance rate: 23.4%]
- [C.18] Brewer, R., Morris, M.R., and Piper, A.M. (2016). “Why would anybody do this?” Older Adults’ Understanding of and Experiences with Crowd Work. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI 2016)*.  
[acceptance rate: 23.4%]
- [C.17] Cornejo, R., Brewer, R., Edasis, C., and Piper, A.M. (2016). Vulnerability, Sharing, and Privacy: Analyzing Art Therapy among Older Adults with Dementia. *Proceedings of ACM Conference on Computer-Supported Cooperative Work (CSCW 2016)*.  
[acceptance rate: 25%]

- [C.16] Cingel, D.P., Blackwell, C.K., Connell, S., and Piper, A.M. (2015). Augmenting Children’s Tablet-Based Reading Experiences with Variable Friction Haptic Feedback. *Proceedings of ACM Conference on Interaction Design and Children (IDC 2015)*, 295-298.
- [C.15] Lovato, S., and Piper, A.M. (2015). “Siri, is this you?”: Understanding Young Children’s Interactions with Voice Input Systems. *Proceedings of ACM Conference on Interaction Design and Children (IDC 2015)*, 335-338.
- [C.14] Twyman, M., Mullenbach, J., Shultz, C., Colgate, J.E., and Piper, A.M. (2015). Designing Wearable Haptic Information Displays for People with Vision Impairments. *Proceedings of the International Conference on Tangible, Embedded and Embodied Interaction (TEI 2015)*, 341-344.
- [C.13] Mullenbach, J., Shultz, C., Colgate, J.E., and Piper, A.M. (2014). Exploring Affective Communication Through Variable-Friction Surface Haptics. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI 2014)*, 3963-3972.  
[acceptance rate: 23%]  
**[Best Paper Honorable Mention Award (top 5% of papers)]**
- [C.12] Hope, A., Schwaba, T., and Piper, A.M. (2014). Understanding Digital and Material Social Communications for Older Adults. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI 2014)*, 3903-3912.  
[acceptance rate: 23%]
- [C.11] Piper, A.M., Weibel, N., and Hollan, J. (2013). Audio-Enhanced Paper Photos: Encouraging Social Interaction at Age 105. *Proceedings of ACM Conference on Computer-Supported Cooperative Work (CSCW 2013)*, 215-224.  
[acceptance rate: 26%]
- [C.10] Piper, A.M., D’Angelo, S., and Hollan, J. (2013). Going Digital: Understanding Paper and Photo Documentation Practices in Early Childhood Education. *Proceedings of ACM Conference on Computer-Supported Cooperative Work (CSCW 2013)*, 1319-1328.  
[acceptance rate: 26%]
- [C.9] Connell, S., Kuo, P., Liu, L., and Piper, A.M. (2013). A Wizard-of-Oz Elicitation Study Examining Child-Defined Gestures With a Whole-Body Interface. *Proceedings of ACM Conference on Interaction Design and Children (IDC 2013)*, 277-280.
- [C.8] Hong, M., Piper, A.M., Weibel, N., Olberding, S., and Hollan, J. (2012).

Microanalysis of Active Reading Behavior to Inform Design of Interactive Desktop Workspaces. *Proceedings of ACM Conference on Interactive Tabletops and Surfaces (ITS 2012)*, 215-224.

[acceptance rate: 29%]

- [C.7] Piper, A.M., Weibel, N., and Hollan, J. (2012). TAP & PLAY: An End-User Toolkit for Authoring Interactive Pen and Paper Language Activities. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI 2012)*, 149-158.

[acceptance rate: 23%]

- [C.6] Piper, A.M., Weibel, N., and Hollan, J. (2010). Introducing Multimodal Paper-Digital Interfaces for Speech-Language Therapy. *Proceedings of ACM Conference on Computers and Accessibility (ASSETS 2010)*, 203-210.

[acceptance rate: 31%]

**[Best Paper Award (top 1% of papers)]**

- [C.5] Piper, A.M., Campbell, R., and Hollan, J. (2010). Exploring the Accessibility and Appeal of Surface Computing for Older Adult Health Care Support. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI 2010)*, 907-916.

[acceptance rate: 22%]

- [C.4] Piper, A.M. and Hollan, J. (2009). Analyzing Multimodal Communication around a Shared Tabletop Display. *Proceedings of European Conference on Computer-Supported Cooperative Work (ECSCW 2009)*, 283-302.

[acceptance rate: 21%]

- [C.3] Piper, A.M. and Hollan, J. (2009). Tabletop Displays for Small Group Study: Affordances of Paper and Digital Materials. *Proceedings of ACM Conference on Human Factors in Computing Systems (CHI 2009)*, 1227-1236.

[acceptance rate: 25%]

- [C.2] Piper, A.M. and Hollan, J. (2008). Supporting Medical Conversations between Deaf and Hearing Individuals with Tabletop Displays. *Proceedings of ACM Computer-Supported Cooperative Work (CSCW 2008)*, 147-156.

[acceptance rate: 23%]

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

[acceptance rate: 20%]

## Conference Extended Abstracts, Posters, and Demos

- [c.16] Brewer, R., Cartwright, M., Karp, A., Pardo, B., and Piper, A.M. (2016). An Approach to Audio-Only Editing for Visually Impaired Seniors. *Extended Abstracts of the ACM Conference on Computers and Accessibility (ASSETS 2016)*.
- [c.15] Cingel, D.P. and Piper, A.M. (2016). Examining the role of haptic feedback in parent-child joint reading experiences. *Paper presented at the 66<sup>th</sup> annual conference of the International Communication Association (ICA)*.
- [c.14] Cingel, D.P., Piper, A.M., Connell, S., and Blackwell, C.K. (2015). Developmental differences in young children's uses of and responses to haptic tablet computers. *Paper presented at the 37<sup>th</sup> biennial meeting of the Society for Research in Child Development 2015*, Philadelphia, PA.
- [c.13] Hargittai, E., Morris, M.R., and Piper, A.M. (2015). Understanding Differentiated Internet Skills among the Elderly. *Abstract presented at the General Online Research (GOR 2015) Conference*.
- [c.12] Jin, S., Mullenbach, J., Shultz, C., Colgate, J.E., Piper, A.M. (2014). OS-Level Surface Haptics for Touch-Screen Accessibility. *Extended Abstracts of the ACM Conference on Computers and Accessibility (ASSETS 2014)*, 315-316.
- [c.11] Brewer, R., Gellner, M., and Piper, A.M. (2014). Portrait Pigeon: An Interactive Photo Messaging Wall for Seniors. *Extended Abstracts of the ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2014)*, 13-17.
- [c.10] Mullenbach, J., Shultz, C., Piper, A.M., Peshkin, M.A., and Colgate, J.E. (2013). Surface Haptic Interactions with a TPad Tablet. *Extended Abstracts of ACM Symposium on User Interface Software and Technology (UIST 2013)*, 7-8.
- [c.9] Beheshti, E., Fitzpatrick, C., Hope, A., Piper, A.M., and Horn, M. (2013). Circuit in Pieces: Understanding Electricity from Electrons to Light Bulbs. *Extended Abstracts of ACM Conference on Human Factors in Computing Systems (CHI 2013)*, 691-696.
- [c.8] Mullenbach, J., Shultz, C., Piper, A.M., Peshkin, M.A., and Colgate, J.E. (2013). TPad Fire: Surface Haptic Tablet. *HAID Haptic and Audio Interaction Design*, Springer, 04/2013.
- [c.7] D'Angelo, S., Piper, A.M., and Hollan, J. (2013). Photos for

Documentation and Communication in Early Childhood. *Extended Abstracts of ACM Conference on Computer-Supported Cooperative Work (CSCW 2013)*, 135-138.

- [c.6] Piper, A.M., Weibel, N., and Hollan, J. (2012). A Pen-Based Toolkit for Authoring Collaborative Language Activities. *Extended Abstracts of ACM Conference on Computer-Supported Cooperative Work (CSCW 2012)*, 269-270.
- [c.5] Weibel, N., Piper, A.M., and Hollan, J. (2010). HIPerPaper: Introducing Pen and Paper Interfaces for Ultra-Scale Wall Displays. *Symposium on User Interface Software and Technology (UIST 2010)*, 407-408.
- [c.4] Weibel, N., Piper, A.M., and Hollan, J. (2010). Exploring Pen and Paper Interaction with High-Resolution Wall Displays. *Symposium on User Interface Software and Technology (UIST 2010)*, 455-456.
- [c.3] Piper, A.M. (2010). Supporting Medical Communication with a Multimodal Surface Computer. *Doctoral Consortium Extended Abstracts of Conference on Human Factors in Computing Systems (CHI 2010)*, 2899-2902.
- [c.2] Piper, A.M. and O'Brien, E. (2005). SIDES: Shared Interfaces to Develop Effective Social Skills. *2005 Stanford Computer Forum Annual Affiliates Meeting*, Stanford University, CA.
- [c.1] Hayes, G.R., Piper, A.M., Amar, B., Bevis, K.J., Newstetter, W., and Bruckman, A.S. (2004). Audience in Computer Learning: A Constructionist Interpretation. *Extended Abstracts of the International Conference of the Learning Sciences (ICLS 2004)*.

### *Workshop Proceedings*

- [W.4] Lazar, A., Cornejo, R., and Piper, A.M. (2016). Can We Design for Vulnerability without Contributing to Disempowerment? Position paper presented at the *Workshop on Exploring Social Justice, Design, and HCI at the ACM Conference on Human Factors in Computing Systems (CHI 2016)*.
- [W.3] Feuston, J., and Piper, A.M. (2016). Understanding the Online Social Lives of Young Adults with Traumatic Brain Injury. Position paper presented at the *Workshop on Computing in Mental Health at the ACM Conference on Human Factors in Computing Systems (CHI 2016)*.
- [W.2] Brewer, R., Cornejo, R., and Piper, A.M. (2015). Understanding How to Care for Aging Generations Online. Position paper presented at the



*Workshop on The Future of Networked Privacy at the ACM Conference on Computer-Supported Cooperative Work (CSCW 2015).*

- [W.1] Piper, A.M. (2008). Cognitive and Pedagogical Benefits of Multimodal Tabletop Displays. Position paper presented at *The Workshop on Shared Interfaces for Learning*, Sept 11-12, 2008, University of Sussex.

### *Theses and Technical Reports*

- [T.6] Piper, A.M. (2011). Augmenting Collocated Interaction: The Design of Assistive Technology to Support Face-to-Face Communication. *UCSD Cognitive Science, Doctoral Dissertation*, May 2011.
- [T.5] Piper, A.M. (2008). Supporting Communication between Deaf and Hearing Individuals with Multimodal Tabletop Displays. *UCSD Cognitive Science, Second Year Thesis*, May 2008.
- [T.4] Zagal, J.P., Piper, A.M., and Bruckman, A. (2006). Social and Technical Factors Contributing to Successful 3D Animation Authoring by Kids. *Georgia Institute of Technology Technical Report GIT-GVU-06-14*.
- [T.3] Piper, A.M. (2005). SIDES: A Cooperative Tabletop Computer Game for Social Skills Development. *Stanford University School of Education, Masters Thesis*, June 2005.
- [T.2] Morris, M.R., Piper, A.M., Cassanego, A., and Winograd, T. (2005). Supporting Cooperative Language Learning: Issues in Interface Design for an Interactive Table. *Stanford Computer Science Technical Report 2005-08*.
- [T.1] Hayes, G.R., Piper, A.M., Amar, B., Bevis, K.J., Newstetter, W., and Bruckman, A.S. (2004). Audience in Computer Learning: A Constructionist Interpretation. *Georgia Institute of Technology Technical Report GIT-GVU-04-13*.

### Research Grants and Awards

#### *External Funding*

<b>Title / Source</b>	<b>Period</b>	<b>Amount</b>
<i>CAREER: Advancing Online Social Support for Older Adults with Disabilities</i> National Science Foundation (IIS-1551574) Role: PI	2016-2021	\$499,924
<i>EXP: Advancing Early STEM Learning through Haptic Feedback Displays</i> National Science Foundation (IIS-1522921)	2015-2018	\$547,881

Role: PI

*EAGER: Understanding Online Communication for Older Adults with Late-Life Vision Loss*

National Science Foundation (IIS-1533340)                      2015-2016                      \$127,272

Role: PI

### *Internal Funding*

<b>Title / Source</b>	<b>Period</b>	<b>Amount</b>
<i>Designing Cooperative Systems for Health Information Sharing Involving People with Dementia</i>		
Delaney Fund	2017-2018	\$50,000
Role: PI		
<i>Making and Inclusivity</i>	2017-2018	\$14,000
Provost Grant for Faculty Innovation in Diversity and Equity		
Role: Co-PI		
<i>Workshop on the Future of Online Interaction for Older Adults</i>		
Communication Studies Department Excellence Funding Initiative Award		
Role: PI	2015-2017	\$21,000
<i>Hybrid Social Media for Older Adult Health and Wellbeing</i>		
Robert and Kaye Hiatt Fund	2014-2015	\$71,200
Role: PI		
<i>Assistive Communication Design</i>		
Alumnae of Northwestern Award for Curriculum Development		
Role: PI	2014-2015	\$12,500
School of Communication Innovation Fund	2013-2014	\$5,000
Role: PI		

### Invited External Presentations and Talks

Piper, A.M. “Creating, Sharing, and Privacy: Designing Social Technologies for Older Adults”. University of California, Irvine (2016).

Piper, A.M. “Creating, Sharing, and Privacy: Designing Social Technologies for Older Adults”. University of California, Berkeley (2016).

Piper, A.M. “The Role of HCI in Older Adulthood”. Opening Keynote for MexIHC Conference. Colima, Mexico (2016).

Piper, A.M. “Creating, Sharing, and Privacy: Online Interaction for Vulnerable

Populations”. Indiana University Bloomington (2016).

Piper, A.M. “Designing Social Communication Technologies for Older Adults”. Microsoft Research, Redmond (2014).

Piper, A.M. “Designing Social Communication Technologies for Older Adults”. The University of Washington, DUB Seminar (2014).

Piper, A.M. “Designing Social Communication Technologies for Older Adults”. The University of Michigan, Workshop on Social Media Use and Older Adults (2013).

Piper, A.M. “Designing Hybrid Media for Language Learning and Communication”. DePaul University, School of Computing Research Colloquium (2013).

## Internal Presentations and Talks

Computer Science, Cognitive Systems Brown Bag (Apr 20, 2016)  
Communication Sciences and Disorders Colloquium (Mar 9, 2015)  
NU SoC Family Communication, Guest Lecture (May 12, 2015)  
MTS 501 Graduate Seminar, Guest Lecture (2012, 2013, 2014)  
NU SoC Health Communication MS Program, Guest Lecture (Nov 1, 2014)  
NU SoC Technology & Human Interaction, Guest Lecture (May 20, 2014)  
NU EECS Intro to HCI, Guest Lecture (Feb 24, 2014)  
Segal Design and Learning Seminar Series (October 30, 2012)

## Professional Experience

**Senior Research Associate, LeapFrog Inc.** (Emeryville, CA) 2006 - 2007  
Lead researcher on all aspects of usability and user experience of FLY Fusion digital pen and applications.

**User Experience Researcher, Microsoft Corp.** (Redmond, WA) 2005 - 2006  
Conducted user experience research on Microsoft Surface, large multi-touch surface computer.

## Teaching

**Instructor**, Fall 2016  
*Living with Communication Technology*  
(COMM ST 294)  
Northwestern University

**Instructor**, Spring 2016  
*Qualitative Methods for Understanding Technology Use and Design*

*(MTS 525)*  
*Northwestern University*

**Instructor**, Spring 2015  
*Assistive Communication Design*  
*(COMM ST 398)*  
*Northwestern University*

**Instructor**, Fall 2014  
*Media, Design, and Disability*  
*(COMM ST 294)*  
*Northwestern University*

**Instructor**, Fall 2013  
*Contextual Interviewing for Design*  
*(COMM ST 398)*  
*Northwestern University*

**Instructor**, Fall 2012, Spring 2014  
*Gesture-Based Interface Design*  
*(MTS 525)*  
*Northwestern University*

**Instructor**, Spring 2012  
*Designing Gesture-Based Interfaces (currently Gesture-Based Interface Design)*  
*(COGS 160)*  
*University of California, San Diego*

**Instructor**, Winter 2012  
*Human-Computer Interaction Programming Studio*  
*(COGS 121)*  
*University of California, San Diego*

**Instructor**, Fall 2011  
*Teaching Assistant, Winter 2009, 2010, Fall 2010*  
*Human-Computer Interaction*  
*(COGS 120)*  
*University of California, San Diego*

**Teaching Assistant**, Winter 2008  
*Cognitive Consequences of Technology*  
*(COGS 10)*  
*University of California, San Diego*

**Teaching Assistant**, Spring 2001  
*Introduction to Computing*  
*(CS 1301)*

## University Service

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### *Northwestern University*

CS + X Faculty Hiring Advisory Board	2016 - present
Women in Computing Faculty Advisory Board	2016 - present
Segal Design Institute Faculty Research Council	2013 - present
TSB Graduate Admissions Committee	2012 - present
SoC, Computation and Communication Search Committee	2016 - 2017
Women in Computing, faculty advisor	2014 - 2016
Communication Studies Curriculum Committee	2013 - 2015
SoC, Communication and Health Search Committee	2014 - 2016
SoC, Interim Digital Media Module Coordinator	2015

### *University of California, San Diego*

Women in HCI @ UCSD, Group Founder & Organizer	2008 - 2012
Graduate Studies Teaching Development Advisory Committee	2008 - 2011
Cognitive Science Department Recruitment Committee	2008 - 2010
Graduate Student Peer Mentor	2009 - 2010

## Professional Service

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Conference Organizing Committee Member	
ACM CSCW, demos co-chair	2016
ACM ITS, treasurer	2012
Program Committee Member	
Associate Chair: CHI Conference, Technical Papers	2015 - 2017
Associate Chair: CSCW Conference, Technical Papers	2014 - 2015, 2017
Associate Chair: ASSETS Conference, Technical Papers	2010 - 2015, 2017
Associate Chair: HCOMP Conference, Technical Papers	2015
Associate Chair: ITS Conference, Technical Papers	2012 - 2013
Associate Chair: Pervasive Health Conf., Technical Papers	2012 - 2013
Associate Chair: UCAMl Conference, Technical Papers	2011
Ad Hoc Reviewer (Journals)	
Journal on Universal Access in the Information Society	
ACM Transactions on Accessible Computing (TACCESS)	
International Journal of Human-Computer Studies	
International Journal of Learning Technologies (IJLT)	
Journal of Entertainment Computing	
Aphasiology	

#### Reviewer (Conferences)

ACM Conference on Human Factors in Computing Systems (CHI)  
ACM Conference on Computer-Supported Cooperative Work (CSCW)  
ACM Conference on Computers and Accessibility (ASSETS)  
ACM User Interface Software and Technology Symposium (UIST)  
ACM Conference on Ubiquitous Computing (UBICOMP)  
ACM International Conference on Interactive Tabletops and Surfaces (ITS)  
ICST Conference on Pervasive Computing Technologies for Healthcare  
Symposium on Ubiquitous Computing & Ambient Intelligence (UCAmI)  
Hawaii International Conference on Systems Sciences (HICSS)

#### Grant Reviewer

National Science Foundation 2014 - 2016  
National Institutes of Health 2014

#### Session Chair

ACM CSCW Conference 2014 - 2015  
ACM CHI Conference 2011

#### Memberships

Association for Computing Machinery (ACM) and ACM SIGCHI

### Advising

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#### Postdoctoral Mentoring

Amanda Lazar (University of Washington, BHI PhD) 2014 – Present  
Raymundo Cornjeo (CICESE, Computer Science PhD) 2014 – 2015

#### Doctoral Thesis Committee Chair

Robin Brewer (TSB PhD Program) In Progress

#### Doctoral Thesis Committee Member

Sarah D'Angelo (NU, TSB Program) In Progress  
Colin Fitzpatrick (NU, TSB Program) In Progress  
Sabrina Connell (NU, MTS Program) In Progress  
Noah Liebman (NU, TSB Program) In Progress  
Madeline Smith (NU, TSB Program) In Progress  
Elham Beheshti (NU, Computer Science) In Progress  
Sarah Alsulaiman (NU, Computer Science) 2015

#### Graduate Thesis Advisor

Emily Wang (NU, TSB PhD Program) 2016 - Present  
Bri Hightower (NU, MTS PhD Program) 2016 - Present  
Jessica Feuston (NU, TSB PhD Program) 2015 - Present  
Robin Brewer (NU, TSB PhD Program) 2013 - Present  
Marlon Twyman (NU, TSB PhD Program) 2013 - 2014

Masters Thesis Committee Member or Reader	
Lisa Hurwitz (NU, MTS PhD Program)	2013
Joe Mullenbach (NU, Mechanical Engineering PhD Program)	2013
Qualifying Exams Supervised	
Phoebe Jean-Pierre (NU, MTS PhD Program)	In Progress
Silvia Lovato (NU, MTS PhD Program)	2016
Robin Brewer (NU, TSB PhD Program)	2014, 2015
Emily Harburg (NU, TSB PhD Program)	2014
Noah Liebman (NU, TSB PhD Program)	2014
Drew Cingel (NU, MTS PhD Program)	2014
Elham Beheshti (NU, Computer Science PhD Program)	2013
Pei-Yi Kuo (NU, TSB PhD Program)	2013
Segal Design Cluster Fellowship Advising	
Mmachi Obiorah (CS PhD Program)	2016 - 2017
Robin Brewer (TSB PhD Program)	2015 - 2016
Craig Shultz (NU, Mechanical Engineering PhD Program)	2014 – 2015
Krystal Villanosa (NU, Learning Sciences PhD Program)	2014 – 2015
Joe Mullenbach (NU, Mechanical Engineering PhD Program)	2013 - 2014
Additional Graduate Research Advising and Mentoring	
Mengchao Wang (Computer Science MS Program)	2015 - 2016
Xiaoning (Sean) Ni (Computer Science MS Program)	2015
Caitlin Unumb (NU, Health Communication MS Program)	2015
Silvia Lovato (NU, MTS PhD Program)	2015 - Present
Lisa Hurwitz (NU, MTS PhD Program)	2014 - 2015
Courtney Rae Mays (NU, Learning Sciences MA Program)	2014 - 2015
Drew Cingel (NU, MTS PhD Program)	2013 - 2016
Courtney Blackwell (NU, MTS PhD Program)	2013 - 2015
Sabrina Connell (NU, MTS PhD Program)	2013 - 2014
Xiaofeng Zhu (NU, Computer Science MS Program)	2014
Alexis Hope (NU, TSB PhD Program)	2013
Undergraduate Research Advising and Mentoring	
Emma McDonnell (NU, Computer Science)	2017 - Present
Charlotte Marshall-Fricker (NU, Communication Studies)	2015 - Present
Karina Sirota (NU, Communication Studies)	2015 - 2016
Laurelle Banta (NU, Mechanical Engineering)	2015 - 2016
Chelsea Kim (NU, Communication Studies)	2013 - 2016
Lauren Kandell (NU, Communication Studies)	2015
Shuran Zhang (NU)	2015
Magan Omar (NU, Electrical Engineering)	2014 - 2015
Antonia Agbeh (NU, Cognitive Science)	2013 - 2015
Vanessa Oguamanam (Univ. of Maryland, Computer Science)	2014

Scott Neaves (NU, Computer Science)	2013-2014
Ted Schwaba (NU, Communication Studies)	2013 - 2014
Mindy Chau (NU, Biomedical Engineering)	2013 - 2014
Sarah D'Angelo (UCSD, Cognitive Science; honors thesis)	2013
Matthew Hong (UCSD, Cognitive Science; honors thesis)	2012
Amanda Lazar (UCSD, Electrical Engineering)	2011
Amanda Legge (UCSD, Cognitive Science; honors thesis)	2011
Anna Ostberg (UCSD, Cognitive Science; honors thesis)	2009
Jordan Davison (UCSD, Cognitive Science; honors thesis)	2009
Ross Campbell (UCSD, Cognitive Science)	2009
Matt Wilczynski (UCSD, Cognitive Science)	2009
Nick Gills (UCSD, Cognitive Science and Philosophy)	2008