

Samantha Shorey

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EDUCATION

- 2019 **University of Washington, Communication, Ph.D.**
Dissertation- *Handmade Future: A Field-based Inquiry of Innovation Through Making and Craft*
Chairs- Daniela K. Rosner (University of Washington), Gina Neff (University of Oxford)
- 2014 **University of Massachusetts Amherst, Communication, M.A.**
- 2009 **University of San Diego, Communication, B.A.** with honors

ACADEMIC APPOINTMENTS

- 2019 Assistant Professor
Department of Communication Studies, Moody College of Communication and by
courtesy School of Information, University of Texas at Austin
- 2022-24 Faculty Fellow, “Digital Futures and Social Justice”
Humanities Institute, College of Liberal Arts, University of Texas at Austin
- 2018-19 Fellow, Lemelson Center for the Study of Invention and Innovation
Smithsonian National Museum of American History
- 2016-19 Research Assistant, Tactical and Tactile Design Lab
Department of Human Centered Design and Engineering, University of Washington
- 2014–18 Pre-Doctoral Teaching Assistant
Department of Communication, University of Washington
- 2012–14 Graduate Teaching and Research Assistant
Department of Communication, University of Massachusetts Amherst

PUBLICATIONS

Authors with an asterisk (*) indicate graduate or undergraduate students.

Peer Reviewed Journal Articles

- *Hsiao, W.J. and Shorey, S. (In Press). Machine visions: A corporate imaginary of artificial sight. *New Media and Society*.
- Shorey, S. (2021). ‘What you can invent over the weekend:’ A recurring history of corporate DIY. *Digital Culture and Society*, doi.org/10.14361/dcs-2020-0107

Shorey, S., Hill, B.M., and Woolley, S. (2020). From hanging out to figuring-it-out: Socializing online as a pathway to computational thinking. *New Media and Society*, doi.org/10.1177/1461444820923674

Shorey, S. and Rosner, D.K. (2019). A voice of process: Re-presenting the gendered labor of Apollo innovation. *Communication +1*, 7(2). doi.org/10.7275/yen8-qn18

Peer Reviewed Articles in Archival Conference Proceedings

Conference proceedings are the primary research venue for computing fields. Publications in the proceedings of top-tier conferences are as rigorously reviewed and as impactful as journals. See: doi.org/10.1145/1743546.1743569

Fox, S.E., Shorey, S., *Yang, E. *Montiel Valle, D., and *Rodriguez, E. (2023). Patchwork: The hidden, human labor of AI integration within essential work. In proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW '23).

*Spektor, F., *Rodriguez, E., Shorey, S., and Fox, S.E. (2021). Discard(ed) labor: Countervisualities for representing AI integration in essential work. In proceedings of the ACM Conference on Designing Interactive Systems (DIS '21). Virtual. doi.org/10.1145/3461778.3462089

Reprinted — AI and essential labor: Representing the invisible work of integration. “Life and Technology in the Time of Covid.” *XRDS: The Association of Computing Magazine for Students* 28(2). doi.org/10.1145/3495253

Fox, S.E., Shorey, S., Rosner, D.K. and *Spektor, F. (2020). Crafting everyday resistance through lightweight design. In proceedings of the ACM Conference on Designing Interactive Systems (DIS '20). Eindhoven, Netherlands. doi.org/10.1145/3357236.3395571. **Best Paper Honorable Mention Award**

Rosner, D.K., Shorey, S., Craft, B., and Remick, H. (2018). Making core memory: Design inquiry into gendered legacies of engineering and craftwork. In proceedings of the ACM Conference on Human Factors in Computing (CHI '18), Montreal, Canada. doi.org/10.1145/3173574.317410. **Best Paper Award**

Dew, K., Shorey, S., and Rosner, D.K. (2018). Making within limits: Towards salvage fabrication. In proceedings of the ACM conference on Computing Within Limits, Toronto, Canada. doi.org/10.1145/3232617.3232626

Book Chapters

Fox, S.E. and Shorey, S. (Forthcoming). Artfully integrating AI: Proceeding responsibly through worker-centered best practices. In R. Rousi, C. Von Koskull, and V. Roto (Ed.), *Humane autonomous technology: Rethinking experience with and in intelligent systems*. Palgrave MacMillan.

Woolley, S., and Shorey, S. (2018). The bot proxy: Designing automated self-expression. In Z. Papacharissi (Ed.), *The networked self: Platforms, stories, connections*. Routledge.

Research Reviews and Book Reviews

Shorey, S. (2020). Book review of ‘Hacking diversity: The politics of inclusion in open technology cultures,’ by Christina Dunbar-Hester. *International Journal of Communication*, 14 (2020): 2319-2321.

Shorey, S. (2020). Book review of ‘Feminist in a software lab: Difference and design,’ by Tara McPherson. *International Journal of Communication*, 14 (2020): 468-471.

Shorey, S. and Howard, P.N. (2016). Automation, big data, and politics: A research review. *International Journal of Communication*, 10(2016): 5032–5055

Shorey, S. (2014). Book review of ‘Homeward bound: Why women are embracing the new domesticity’, by Emily Matchar. *The Journal of Popular Culture*, 47(2): 397–401.
doi.org/10.1111/jpcu.12126

Scholarly Essays

Rosner, D.K. and Shorey, S. (2021). Navajo needlework and moon missions. “Rugs.” *MacGuffin Magazine*.

Shorey, S. and Rosner, D.K. (2019). Making Core Memory: An experiment in troubling computer histories. “Craft and the Technology of Textiles.” *Society for the History of Technology: Technology Stories* 7(2). doi.org/10.15763/jou.ts.2019.06.13.02

Shorey, S., Fox, S., and Dew, K. (2017). Glimmers and half-built projects. “Design as Inquiry.” *Interactions: The Association of Computing Magazine on Human-Computer Interaction* 24(6), 78-81.
doi.org/10.1145/3140567

GRANTS

National Science Foundation, RAPID/Collaborative Research. “The Transformation of Essential Work: Managing the Introduction of AI in Response to Covid-19.” Computer Information Systems, 2020-2021. Co-Principal Investigator, University of Texas portion \$78,373. Award total \$199,890.

Research Experience for Undergraduates (REU) Supplement, Summer 2021. University of Texas portion \$8,000. Award total \$16,000.

Good Systems, The University of Texas at Austin. “Living and Working with Robots.” 2021-2026. Co-Principal Investigator. Award total \$724,935.

“The Impact of Household Robots on Society.” 2023-2024. Co-Principal Investigator. Award total \$15,000.

National Science Foundation, Growing Convergence Research. “Community-Embedded Robotics: Understanding Sociotechnical Interactions with Long-term Autonomous Deployments.” Office of Integrative Activities, 2022-2028. Senior Personnel. Award total \$3.6 million.

INVITED TALKS

Invited Research Presentations

Intelligence, Data, Ethics and Society Summer Program, Northeastern University in collaboration with Harvard University, 2023

“Working futures for AI in organizations.” AEOLIAN Network for Artificial Intelligence for Cultural Organizations, Auburn University, 2021

“How to stitch a macrochip: Using e-textiles to enliven history.” Textile Talks, San Jose Museum of Quilts and Textiles, 2021

“Mending technology history through re-presencing the past.” Refresh/Reset/Reformat Symposium, Bard College Graduate Center, 2021

AI and Feminist Science & Technology Studies (roundtable). Social Media Collective, Microsoft Research, 2021

“Margaret Hamilton & the core memory weavers: The women who put man on the moon.” Smithsonian National Museum of American History, 2019

“Of watches, weavers and textile work.” Berkeley Institute of Design (BiD) Seminar, University of California Berkeley, 2018

Invited Participatory Workshop Presentations

“Loose threads: Design thinking for the last inch of automation.” Changemaker Hub, University of San Diego, 2021

— DesignLab, Universidad Adolfo Ibáñez in Santiago, Chile, 2018

MULTI-MODAL RESEARCH PRODUCTS

Museum Exhibitions

Radical Fiber, The Frances Young Tang Teaching Museum and Art Gallery, Skidmore College, January-June 2022

The Computer Pays Its Debt: Women and Fiber in New Technology, Center for Craft in Asheville, North Carolina, March-October 2020

Women in Technology Initiative, The Center for Information Technology Research in the Interest of Society (CITRIS) Technology Museum, University of California Berkeley, November- March 2019

Object Descriptions for Museum Collections

“Mainframe Computer Component, Whirlwind Magnetic Core Memory Plane.” 1987.0818. Smithsonian National Museum of American History.

Participatory Workshops

Shorey, S., and Rosner, D.K. “Making core memory: Crafting legacies of women in innovation.” Workshop exhibited at *Making and Doing*, Society for the Social Study of the Sciences (4S), New Orleans, 2019. **Best Presentation Award**

—*Sessions for Interaction and Engagement*, iConference for Information Schools, Washington DC, 2019

Rosner, D.K., Shorey, S. and Kinsley, R.P. “Making core memory.” Workshop presented at ACM conference SIGCIS: Computers, Information and Society, Computer History Museum, Mountain View, 2017

—The American Institute for Graphic Arts (AIGA) Design Educators Conference, University of Southern California, 2017

—Makers Summit, University of Washington, 2017

Shorey, S., Fox, S. and Rosner, D. “Power! Not Panic: Feminist resistance through making.” Workshop presented at the CoMotion MakerSpace, University of Washington, 2017

TEACHING

Instructor of Record - Graduate Courses

- CMS386N Qualitative Research Methods
University of Texas at Austin, Department of Communication, Spring 2023
- CMS390S Understanding Technology Through Users
University of Texas at Austin, Department of Communication, Spring 2021

Instructor of Record - Undergraduate Courses

- CMS353C Communication for Innovation
University of Texas at Austin, Department of Communication, Fall 2023-Present
–McCombs School of Business, minor in Entrepreneurship
–Bridging Disciplines program, certificate in Innovation, Creativity & Entrepreneurship
- CMS346 Using Communication Technology at Work
University of Texas at Austin, Department of Communication, Fall 2019-Present
University Panhellenic Council Teaching Award 2020
- CMS346C The Cultural Impact of Innovation
University of Texas at Austin, Department of Communication, Fall 2020-Fall 2021
–College of Liberal Arts, certificate in Digital Humanities
- COM302 The Cultural Impact of Information Technology
University of Washington, Department of Communication Studies, Winter 2015
- COM220 Public Speaking
University of Massachusetts Amherst, Department of Communication, Spring 2013-Fall 2014. **Departmental Teaching Commendation Award**

Courses Assisted

- COM201 Introduction to Communication, University of Washington, Fall 2015 and Fall 2017
Lead Teaching Assistant, 2 sections—2017. Teaching Assistant, 2 sections—2015.
- COM220 Public Speaking, University of Washington, Spring 2016
Teaching Assistant, 3 sections.
- COM394 Research Methods, University of Massachusetts Amherst, Spring 2013
Teaching Assistant, 1 section. **Departmental Teaching Commendation Award**
- COM122 Media Programming and Institutions, University of Massachusetts Amherst, Fall 2012

Selected Guest Lectures

- COM301 “Critical perspectives on technology and innovation.” Introduction to Communication, Moody College of Communication, Fall 2022
- LAH112 “Social justice research methods.” The Nature of Inquiry (honors), College of Liberal Arts, Fall 2022
- INF386 “Computing histories and craft.” Gender, Technology and Information (graduate), School of Information and the Department of Women and Gender Studies, University of Texas at Austin, Spring 2020

- J350F “The right to repair.” Media Law, Department of Journalism, University of Texas at Austin, Fall 2019
- DX200 “Remaking media history through prototyping the past.” Digital Art: History, Theory and Practice (graduate), Department of Digital Arts and Experimental Media, University of Washington, 2017

CONFERENCE PRESENTATIONS

Competitively Selected Conference Papers

- *Norman, E., Stephens, K. K., Shorey, S., ... & Sentis, L. (Accepted). Bridging training, learning, and development into team science: Effectively freeing team members from disciplinary barriers in research. National Communication Association, National Harbor, MD. **Top Paper**
- *Martin, Z.C., *Montiel Valle, D. A., Shorey, S. (Accepted). Care, Inc.: How Big Tech responded to the end of Roe. Association of Internet Researchers (AoIR), Philadelphia, PA.
- *Montiel Valle, D. and Shorey, S. (2023, May). Moving against the assembly line: Technosocial cartographies of control and resistance in the AI-powered workplace. International Communication Association, Toronto, Canada.
- *Hsiao, J. and Shorey, S. (2023, May). Machine visions: A corporate imaginary of artificial sight. International Communication Association, Toronto, Canada.
- *Montiel Valle, D. and Shorey, S. (2022, May). DIY AI: How users reconfigure human-machine labor through design. Human Machine Communication Division. International Communication Association, Paris, France.
- Shorey, S., and Fox, S.E. (2021, October). Reworking AI: Using ethnography and design inquiry to illuminate the sociotechnical work of automation. *Artificial Intelligence and Feminist STS*. Society for the Social Study of the Sciences (4S), virtual.
- Shorey, S., *Rodriguez, E., and Fox, S.E. (2021, May). Automating the essential work of care. *Theme Session: Media's Role in the Construction of Care*. International Communication Association, virtual.
- Shorey, S., Fox, S.E., *Rodriguez, E., *Kingsley, S. (2020, October). ‘Robots can’t get sick:’ Media reporting on the automation of waste labor before and during the Covid-19 pandemic. Discard Studies, virtual Twitter conference.
- Shorey, S. (2019, October). Ideas of impact: Interrogating innovation as a value in technology design culture. *Interrogating Ethics & Values in Technology Design and Engineering Practices*. Society for the Social Study of the Sciences (4S), New Orleans, LA.
- Shorey, S. (2018, October). Making matters work: Gendering labor in technology innovation culture. Association of Internet Researchers (AoIR), Montréal, Canada.
- Shorey, S. and Rosner, D.K. (2018, September). Making core memory: Reimagining communication-technology history through design. *Design, Materiality and the Making of Communication Histories and Futures*. International Communication Association, Prague, Czech Republic.
- Shorey, S. (2017). Partial connections: The search for women in science. Position paper presented at the ACM conference Computer Supported Cooperative Work (CSCW) workshop, “Imagining Intersectional Futures,” Seattle, WA.

Shorey, S. (2016, September). Creating CoMotion: Visions of innovation in university makerspaces. Society for Social Study of the Sciences (4S), Barcelona, Spain.

Shorey, S., Woolley, S., and Hill, B.M. (2016, June). From hanging-out to geeking-out: Socializing as a pathway to computational thinking. International Communication Association, Fukuoka, Japan.

Treem, J., Pearce, K., Evans, S., Vitak, J., Schrok, A., Barta, K., Ford, J., and Shorey, S. (2016, June). Looking back to look forward: Tracing the history of affordances to develop a framework for studying communication technology. International Communication Association, Fukuoka, Japan.

Shorey, S. (2015, April). All the feels: Personal/political expression on the Tumblr platform. *Theorizing the Web*, New York, NY.

Shorey, S. (2014, April). Things I'm afraid to tell you: Authenticity, creativity and work. *Creativity as Capital*. American Comparative Literature Association, New York, NY.

Invited Participant

The Future of Work, National Communication Association Pre-Conference, 2019

Automation, Politics and Culture, hosted by Data & Society Research Institute, 2015

Workshop Organizer

Design as Object, Design as Method: Making Critical Communication Futures, International Communication Association Pre-Conference, 2018

Automation, Algorithms and Politics, hosted by the Computational Propaganda Project, International Communication Association Pre-Conference, 2016

AWARDS

Panhellenic Council Award for Resilience in Teaching during Covid-19, University of Texas, 2020

Peter Clarke Research Fund for Social Good, University of Washington, 2016, \$1,000

Ames Endowment for Diversity Research, University of Washington, 2016, \$400

Kappa Alpha Theta Foundation, 2013, \$4,050

Trustee Scholarship, University of San Diego Board of Trustees, 2005–2009, \$76,000

Senior Class Legacy Scholarship, University of San Diego Alumni Association, 2009, \$1,000

REPORTS

Howard, P., Woolley, S., and Shorey, S. (2016). State of the bots. Jigsaw, Google Research.

Howard, P., Shorey, S., Woolley, S. and Guo, M., (2015). Creativity and critique: Gap analysis of support for critical research on big data. Open Society Foundation.

SERVICE

Service to the University

Scholarship Committee, Chair. Department of Communication Studies, 2019-current

Innovation and Entrepreneurship Advisory Council. Moody College, 2020-current

Service to the Intellectual Community

Founding Co-organizer, Texas Human-Computer Interaction seminar series, 2020-2021

Organizing Committee, Publicity Co-Chair, ACM conference Creativity & Cognition, 2020-2021

Journal Review

Transactions on Human-Computer Interaction, 2023

Digital Creativity, 2023

New Media and Society, 2020-2021, 2022

International Journal of Cultural Studies, 2019

Book Proposal Review

Oxford University Press

Conference Review

International Communication Association (ICA): Communication and Technology division, Media Industry Studies division, 2016, 2017, 2018, 2021

The Association of Internet Researchers (AoIR), 2015, 2016, 2018

ACM Creativity & Cognition, 2021

ACM Computer Supported Cooperative Work (CSCW), 2018, 2020, 2022

ACM Human Factors in Computing (CHI), 2018, 2019, 2021, 2023

ACM Designing Interactive Systems (DIS), 2019, 2021

iConference: Sessions for Interactive Engagement, 2019

INDUSTRY APPOINTMENTS

2018 Experience Research Intern, Airbnb