

# Hannah Mieczkowski

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## Education

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### Stanford University

PH.D., COMMUNICATION

- Research Area: Media Psychology
- Advisor: Dr. Jeffrey T. Hancock

Stanford, CA

Sept. 2017 - Present

### Stanford University

M.A., COMMUNICATION

- Research Area: Media Psychology
- Advisor: Dr. Jeffrey T. Hancock

Stanford, CA

Sept. 2017 - June 2020

### Stony Brook University

B.A., PSYCHOLOGY AND B.A., LINGUISTICS

- Distinctions: Valedictorian, Summa Cum Laude

Stony Brook, NY

Aug. 2013 - May 2017

## Publications

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A<sup>+</sup> denotes when I mentored an undergraduate student.

### JOURNAL ARTICLES

Parry, D., Davidson, B. I., Sewall, C., Fisher, J. T., **Mieczkowski, H.**, Quintana, D. S. (accepted in *Nature Human Behaviour*). Measurement Discrepancies Between Logged and Self-Reported Digital Media Use: A Systematic Review and Meta-Analysis. <https://doi.org/10.31234/osf.io/f6xvz> [preprint]

**Mieczkowski, H.**, Lee, A. Y., Hancock, J. (2020, October). Priming Effects of Social Media Use Scales on Well-Being Outcomes: The Influence of Intensity and Addiction Scales on Self-Reported Depression. *Social Media + Society*. <https://doi.org/10.1177/2056305120961784>

Hohenstein, J., DiFranzo, D., Kizilcec, R., Aghajari, Z., **Mieczkowski, H.**, Levy, K., Naaman, M., Hancock, J., Jung, M. (under review). Artificial intelligence in communication impacts language and social relationships. <https://arxiv.org/abs/2102.05756> [preprint]

Weiss, D.<sup>+</sup>, Liu, S. X., **Mieczkowski, H.**, Hancock, J. (under review). Effects of AI Use on Interpersonal Perceptions of Job Applicants.

Goldenthal, E.<sup>+</sup>, Park, J., Liu, S. X., **Mieczkowski, H.**, Hancock, J. (under review). Not All AI Are Equal: Exploring the Accessibility of AI-Mediated Communication Technology.

### CONFERENCE PROCEEDINGS

**Mieczkowski, H.**, Hancock, J., Naaman, M., Jung, M., Hohenstein, J. (2021, October). AI-Mediated Communication: Language Use and Interpersonal Effects in a Referential Communication Task. In *The 24th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)*.

**Mieczkowski, H.**, Liu, S. X., Hancock, J., Reeves, B. (2019, March). Helping Not Hurting: Applying the Stereotype Content Model and BIAS Map to Social Robotics. In *2019 14th ACM/IEEE International Conference on Human-Robot Interaction (HRI)* (pp. 222-229). IEEE. <https://doi.org/10.1109/HRI.2019.8673307>

### CONFERENCE PAPERS

Grotto, A., Guadagno, R. E., Hancock, J., **Mieczkowski, H.**. May 2021. The Principal-Agent Framework of AI-Mediated Communication. To be presented at the *71st Annual ICA Conference: Engaging the Essential Work of Care: Communication, Connectedness, and Social Justice*. Virtual.

Grotto, A., Guadagno, R. E., Hancock, J., **Mieczkowski, H.**. February 2021. Applying the Principal-Agent Framework to AI-Mediated Communication: Psychological Implications. *AAAI-21 Workshop on AI For Behavior Change*. Virtual.

- Hancock, J., Liu, S. X., French, M., Luo, M., **Mieczkowski, H.** May 2019. Social Media Use and Well-Being: A Meta-Analysis. *69th Annual ICA Conference: Communication Beyond Boundaries*. Washington, DC.
- Liu, S. X., Arredondo, E., **Mieczkowski, H.**, Reeves, B. May 2019. A picture is (still) worth a thousand words: The impact of appearance and characteristic narratives on people's perceptions of social robots. *69th Annual ICA Conference: Communication Beyond Boundaries*. Washington, DC.

## BOOK CHAPTERS

- Hancock, J., Liu, S. X., Luo, M., **Mieczkowski, H.** (under review). Social Media and Well-Being.
- Liu, S. X., Arredondo, E., **Mieczkowski, H.**, Hancock, J., Reeves, B. 2021. A picture is (still) worth a thousand words: The impact of appearance and characteristic narratives on people's perceptions of social robots. In Engel, U., Quan-Haase, A., Liu, S.X. Lyberg, L. (Ed.) *Routledge Handbook of Computational Social Science* (Vol. 1). Taylor & Francis.

## PRESENTATIONS

*A\* denotes when I mentored an undergraduate student. In all instances, unless noted with a \*, I was the presenting author.*

- Mieczkowski, H.**, Hancock, J., Naaman, M., Jung, M., Hohenstein, J. May 2021. AI-Mediated Communication: Language Use and Interpersonal Effects in a Referential Communication Task. To be presented at the *71st Annual ICA Conference: Engaging the Essential Work of Care: Communication, Connectedness, and Social Justice*. Virtual.
- Grotto, A., Guadagno, R. E., Hancock, J., **Mieczkowski, H.** May 2021. The Principal-Agent Framework of AI-Mediated Communication. To be presented at the *71st Annual ICA Conference: Engaging the Essential Work of Care: Communication, Connectedness, and Social Justice*. Virtual.
- Goldenthal, E.\*, Liu, S. X., Park, J., **Mieczkowski, H.**, Hancock, J. May 2021. Not All AI Are Equal: Exploring the Accessibility of AI-Mediated Communication Technology. To be presented at the *71st Annual ICA Conference: Engaging the Essential Work of Care: Communication, Connectedness, and Social Justice*. Virtual.
- Weiss, D.\*, Liu, S. X., **Mieczkowski, H.**, Hancock, J. May 2021. Effects of AI Use on Interpersonal Perceptions of Job Applicants. To be presented at the *71st Annual ICA Conference: Engaging the Essential Work of Care: Communication, Connectedness, and Social Justice*. Virtual.
- Parry, D.\*, Davidson, B. I., Sewall, C., Fisher, J. T., **Mieczkowski, H.**, Quintana, D. S. May 2021. Measurement Discrepancies Between Logged and Self-Reported Digital Media Use: A Systematic Review and Meta-Analysis. To be presented at the *71st Annual ICA Conference: Engaging the Essential Work of Care: Communication, Connectedness, and Social Justice*. Virtual.
- Mieczkowski, H.** March 2021. Positioning AI-Mediated Communication in the Field of Human-Machine Communication. *Human-Robot Interaction(HRI): Building Bridges and Not Walls: Expanding the Human-Machine Communication Connections Within HRI Pre-Conference*. Virtual.
- Grotto, A., Guadagno, R. E., Hancock, J., **Mieczkowski, H.** May 2020. Human Principals, AI Agents: The Principal-Agent Framework of AI-Mediated Communication. *Open Questions in Human-Machine Communication ICA Pre-Conference. Gold Coast, Australia*. Virtual.
- Mieczkowski, H.**, Hancock, J., Naaman, M. May 2020. AI-Mediated Communication: Effects on Language Production, Person Perception and Task Performance. *70th Annual ICA Conference: Open Communication*. Gold Coast, Australia. Virtual.
- Mieczkowski, H.**, Chapman, N. April 2020. Cultural Capital, Gatekeeping, and Boundary Maintenance in the Phish Scene. *Southern Sociological Society 2020 Annual Meeting*. Jacksonville, Florida. [Canceled due to COVID-19]
- Mieczkowski, H.**, Lee, A. Y., Hancock, J. February 2020. Priming Effects of Social Media Use Scales on Well-Being Outcomes: The Influence of Intensity and Addiction Scales on Self-Reported Depression. *Society for Personality and Social Psychology: Psychology of Media and Technology Pre-Conference*. New Orleans, LA.
- Mieczkowski, H.**, Hancock, J. May 2019. AI-Mediated Communication: Effects on Linguistic Patterns, Interpersonal Dynamics and Task Performance. *Communicating with Machines: Boundless Imagination ICA Pre-Conference*. Washington, DC.
- Mieczkowski, H.**, Liu, S. X., Hancock, J., Reeves, B. May 2019. Helping Not Hurting: Applying the Stereotype Content Model and BIAS Map to Social Robotics. *69th Annual ICA Conference: Communication Beyond Boundaries*. Washington, DC.
- Hancock, J\*, Liu, S. X., French, M., Luo, M., **Mieczkowski, H.** May 2019. Social Media Use and Well-Being: A Meta-Analysis. *69th Annual ICA Conference: Communication Beyond Boundaries*. Washington, DC.

Liu, S. X.\*, Arredondo, E., **Mieczkowski, H.**, Hancock, J., Reeves, B. May 2019. A picture is (still) worth a thousand words: The impact of appearance and characteristic narratives on people's perceptions of social robots. *69th Annual ICA Conference: Communication Beyond Boundaries*. Washington, DC.

**Mieczkowski, H.** May 2019. The Language of 3.0: Analyzing Show Reviews on Phish.net. *Phish Studies Conference*. Corvallis, Oregon.

**Mieczkowski, H.** June 2018. Ethical Considerations and Intellectual Gains from a "Screenomics" Methodology. *Bridging the Lab and the Field: Workshop at the 12th International Conference on Web and Social Media*. Stanford, California.

**Mieczkowski, H.**, Liu, S. X., Hancock, J., Reeves, B. May 2018. Status and Social Robots: Perceptions Based on Physical Characteristics. *Communicating with Machines: Theory and Practice ICA Pre-Conference*. Prague, Czech Republic.

## Research Experience

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Current	<b>Doctoral Researcher</b> , Social Media Lab	Stanford University
Current	<b>Volunteer Researcher</b> , South Bay Coalition to End Human Trafficking	Gilroy, CA
2020	<b>UX Research Intern</b> , Community Integrity, Facebook	Menlo Park, CA
2019-2020	<b>UX Researcher</b> , Community Experiences, Facebook	Menlo Park, CA
2019	<b>Data Analyst</b> , Fit Kids	Redwood City, CA
2018	<b>Research Assistant</b> , PRO Unlimited @ Facebook	Menlo Park, CA
2014-2017	<b>Research Assistant</b> , Communication Lab	Stony Brook University

## Fellowships, Grants & Awards

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### GRADUATE CAREER

2020	<b>Seed Grant</b> , Ethics, Society and Technology Hub (Principal Investigator; \$15,000)
2020	<b>Research Grant</b> , Center on Philanthropy and Civil Society
2020	<b>Diversity and Inclusion Innovation Funds</b> , Office of the VPGE
2020	<b>Data Science Scholarship</b> , Dataquest & AI Inclusive
2019-2020	<b>Graduate Fellowship</b> , McCoy Family Center for Ethics in Society
2019-2020	<b>Graduate Research Fellowship</b> , Center for Spatial and Textual Analysis
2018, 2019	<b>Travel Grant</b> , International Communication Association

### UNDERGRADUATE CAREER

2017	<b>Ward Melville Valedictory Award</b> , Stony Brook University
2017	<b>Provost's Award for Academic Excellence</b> , Stony Brook University
2017	<b>Undergraduate Recognition for Academic Excellence</b> , Stony Brook University
2013-2017	<b>Academic Achievement Award</b> , Stony Brook University
2013-2017	<b>Presidential Scholarship</b> , Stony Brook University

## Teaching Experience

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Spring 2021	<b>COMM 245: Personality and Digital Media</b> , Teaching Assistant	Stanford University
Winter 2021	<b>CS 182: Ethics, Public Policy, and Technological Change</b> , Teaching Assistant	Stanford University
Winter 2020	<b>COMM 224: Lies, Trust and Tech</b> , Teaching Assistant	Stanford University
Fall 2019	<b>COMM 108: Media Processes and Effects</b> , Teaching Assistant	Stanford University
Spring 2019	<b>COMM 1B: Media, Culture, and Society</b> , Teaching Assistant	Stanford University
Winter 2019	<b>COMM 224: Lies, Trust and Tech</b> , Teaching Assistant	Stanford University
Summer 2018	<b>EFSLANG 684D: Effective Negotiation and Persuasion</b> , Teaching Assistant	Stanford University
Fall 2015	<b>PSY 240: Introduction to Social Psychology</b> , Undergraduate Teaching Assistant	Stony Brook University

## Work and Service Experience

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Current	<b>Graduate Co-Director of Affordability</b> , ASSU Executive Cabinet	<i>Stanford University</i>
Current	<b>Graduate Student Representative</b> , Department of Planning and Development	<i>County of Santa Clara</i>
2019-2020	<b>Inaugural PhD Student Representative</b> , Department of Communication	<i>Stanford University</i>
2018-2019	<b>Language and Orientation Tutor</b> , Office of the VPGE	<i>Stanford University</i>
2016-2017	<b>Assistant Director</b> , Writing Center	<i>Stony Brook University</i>
2014-2017	<b>Tutor</b> , Writing Center	<i>Stony Brook University</i>

## Professional Development

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### INVITED TALKS

“AI-Mediated Communication.” November 2020. Program in Writing and Rhetoric: Hiphop, Orality, and Language Diversity, Stanford University.

“*The Social Dilemma*: A Conversation with Experts.” October 2020. School of Journalism and Communication, University of Oregon. [Panelist]

“Helping Not Hurting: Applying the Stereotype Content Model and BIAS Map to Social Robotics.” September 2020. Robotics Seminar, Cornell University.

“Effective Listening Skills.” November 2020. Academic Transition Advising Program, Stanford University.

“Effective Listening Skills.” March 2020. Academic Transition Advising Program, Stanford University.

### MEDIA EXPOSURE

“When AI Writes Your Email.” May 6, 2020. Stanford Institute for Human-Centered Artificial Intelligence.  
<https://hai.stanford.edu/blog/when-ai-writes-your-email>

“Worry Over Social Media Use and Well-Being May Be Misplaced” May 30, 2019. Psychology Today.  
<https://www.psychologytoday.com/us/blog/brain-waves/201905/worry-over-social-media-use-and-well-being-may-be-misplaced>

### OTHER WRITING

**Mieczkowski, H.** November 17, 2020. “Where the Polls Can Go Right.” <https://bit.ly/hnmiecz-polls>