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## PROFESSIONAL APPOINTMENTS

2022 **Assistant Professor of Communication**, Michigan Technological University –  
Department of Humanities

2021 **Visiting Lecturer**, University of Illinois at Chicago – Department of Communication

## EDUCATION

**Ph.D.** University of Illinois at Chicago, Communication, 2021

Dissertation: A “Superior” Touch: A Sociotechnical Study of Humans, Robotic Surgical  
Assistants, and Touch

Committee: Steve Jones (chair), Zizi Papacharissi, Adrienne Massanari, David Parisi, Cristian  
Luciano

**M.A.** Wake Forest University, Communication, 2011

**B.A.** University of Iowa, Communication Studies, 2005

Study Abroad: University of Aalborg, Denmark: Intercultural and International Communication,  
2004

## FELLOWSHIPS

2016 – 2017 National Science Foundation Integrated Graduate Education and Research  
Traineeship (IGERT) Fellowship in Electronic Security and Privacy, University  
of Illinois at Chicago

## PUBLICATIONS

Author’s order of appearance reflects contribution level, unless noted.

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### *Journal Articles*

2023 **Archer, J.E.**, “Guided by Grips: How Robotic Surgical Assistants Shape Surgical Touch  
and Alter Relationships in the Operating Room,” *Multimodality and Society* (in review).

2017 Parisi, D. & **Archer, J.E.**, “Making Analog: A Manifesto on the Prospects and Perils of a  
Haptic Media Studies,” *New Media and Society*, 19(10): Available online at  
<http://journals.sagepub.com/doi/full/10.1177/1461444817717517>

Parisi, D., Paterson, M., **Archer, J.E.\***, “Editor’s Introduction: Haptic Media Studies,”  
*New Media and Society*, 19(10): Available online at  
<http://journals.sagepub.com/doi/full/10.1177/1461444817717518>

\*Contributions equally shared between editors.

Bassett, N. & **Archer, J.E.**, “‘Enjoy your feeling:’ a media archeology of material  
publics,” *Communication and the Public*: Available online at

<http://journals.sagepub.com/doi/full/10.1177/2057047317722571>

- 2016 Novak, J., **Archer, J.E.\***, Mateevitsi, V., Jones, S., "Communication, Machines & Human Augmentics," *communication +1*: Vol. 5, Article 8. Available online at <http://scholarworks.umass.edu/cpo/vol5/iss1/8>  
\*Contributions equally shared between authors.
- 2015 Novak, J., **Archer, J.E.**, Shafiro, V., & Kenyon, R., "Audio dilation in real time speech communication," *The Journal of the Acoustical Society of America*, 137(4), 2303-2303.

### ***Journal Special Issues***

- 2017 Parisi, D., Paterson M., & **Archer, J.E.\***, "Haptic Media Studies" *New Media and Society*, 19(10).  
\*Contributions equally shared between editors.

### ***Proceedings***

- 2018 **Archer, J.E.** "[Doctor da Vinci: The Reshaping of Surgical Touch](https://intouchchi.wordpress.com/)," *CHI*. Reshaping Touch Communication: An Interdisciplinary Research Agenda Workshop: <https://intouchchi.wordpress.com/>
- 2013 Novak, III, J.S., **Archer, J.**, Shafiro, V., Kenyon, R.V., Leigh, J., On-Line Audio Dilation for Human Interaction, [Interspeech 2013](#), Lyon, France, pp. 1869-1871, August 25th, 2013.

### ***Chapters in Editor Reviewed Volumes***

- 2022 **Archer, J.E.** "Haptics, Human Augmentics, and Human-Machine Communication" in *The SAGE Handbook of Human-Machine Communication*. Guzman, Andrea L., McEwen, Rhonda, & Jones, Steve (Eds.) (forthcoming).
- 2020 **Archer, J.E.** & Bassett, N.E., "Re-imagining Embodiment in Communication" in *Reimagining Communication*. Filimowicz, Michael & Tzankova, Veronika (Eds.) Routledge.

### ***Manuscripts in Preparation***

- Archer, J.E.** (in progress – book). Transforming Touch: Humans, Haptics, and Robotic Surgical Assistants.
- Archer, J.E.** (in progress - article). Touch(less) Projections: Imagining Haptics and Robotic Surgical Assistant Futures.

### ***Web-Based Publications***

- 2017 "Shaping Human-Technology Frontier I," *Transmissions: An SSS Companion Blog*: Available online at <http://sites.library.queensu.ca/transmissions/shaping-the-human-technology-frontier-i/>

## **REFERRED CONFERENCE PRESENTATIONS**

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### ***Top Papers***

- 2021 Top Student Paper Award, Human-Machine Communication Division, International Communication Association, Virtual Conference for "Imagining Haptics and Robotic Surgical Assistant Futures," International Communication Association, Virtual Conference.

### ***Papers***

- 2022 "Touching Holograms: Reaching out for the Feel of Visual Media," with Thomas Conner, International Communication Association Reimagining Communication Preconference, Paris, France.
- 2019 "In the Guiding Grips of a Robotic Surgical Assistant," Society of Literature, Science, and the Arts, San Diego, CA.
- 2017 "Privacy and Security in the Age of Human Augmentics," Society for Social Studies of Science, Boston, MA.
- "Making Analog: On the Prospects and Perils of Haptic Media Studies," with David Parisi at the European Network of Cinema and Media Studies, Paris, France.
- 2015 "From Feeling the Digital to Becoming the Digital," Society for Social Studies of Science, Denver, CO.
- "Excavating Glass: How Combining Social Construction of Technology and Media Archeology May Help Theorize Emerging Media Technologies like Google Glass," Association of Internet Researchers, Phoenix, AZ.
- "Pets as Mediators: Exploring the role of pets in conflict communication from the bedroom to the boardroom," Central States Communication Association conference in Madison, Wisconsin.
- 2013 "Human Being and Haptics: From Holistic to Screen-based Tactility," National Communication Association, Washington, D.C.
- "Technologizing Touch: Magic, Education, and Domestication in Apple iPad Advertisements," Association of Internet Researchers, Denver, CO.
- 2012 "Hacking it on Wall Street," National Communication Association. Orlando, FL.
- 2011 "Reading Clouds: A semiotic analysis of group tag clouds on Flickr," Eastern Communication Association. Arlington, VA.

### ***Roundtable***

- 2018 "On haptics, touch, and the internet," co-organized with David Parisi, Association of Internet Researchers, Montreal, Canada.

### ***Panel***

- 2017 "Security in the Anthropocene: The Peripheries of Order," co-organized with Nathanael Bassett, Society for the Social Studies of Science, Boston, MA.

### ***Workshop Session***

2017 “Haptic Re-education: On Naturalizing Human-Machine Touch, Again,” in Reformatting of Touch: A Workshop in Haptic Media Studies, chaired by David Parisi, Society for Media and Cinema Studies, Chicago, IL.

### ***Experimental Session***

2016 Carnival of Privacy and Security Delights. Co-organized with Nathanael Bassett and Peter Snyder. Association of Internet Researchers, Berlin, Germany.

## **EDITORIAL, RESEARCH, AND TEACHING**

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### **EDITORIAL**

2018 – 2019 **Editorial Assistant** for New Media and Society

### **RESEARCH**

2012 – 2014 **Research Assistant** for Dr. Steve Jones, University of Illinois at Chicago

2013 – 2014 **Research Assistant** for Dr. Andrew Rojecki, University of Illinois at Chicago

### **TEACHING**

University of Illinois at Chicago, Department of Communication

Mass Media and Popular Culture  
Fundamentals of Social Media and Communication  
Visiting Instructor (Fall 2021 - )

Fundamentals of Human Communication  
Graduate Instructor (Fall 2011, Spring 2012; Fall 2014, 2015; Fall 2019 – Spring 2021)

Introduction to Interpersonal Communication  
Graduate Instructor (Summer 2015)

Communication and Conflict  
Graduate Instructor (Summer 2014)

Introduction to Media  
Teaching Assistant (Summer 2013)

DePaul University, Media and Cinema Studies Program, Department of Communication  
Media Ethics  
Adjunct Instructor (Fall 2015)

Central Piedmont Community College, Department of Communication  
Fundamentals of Human Communication  
Adjunct Instructor (Fall 2010, Spring 2011)

Wake Forest University  
Empirical Research in Communication  
Teaching Assistant (Spring 2010)

Introduction to Film  
Teaching Assistant (Spring 2009, Fall 2009)

***Invited Lectures***

2017 “Human Augmentics” for COMM 494: *Visions and Metaphors of media, information, and communication technologies*, taught by Professor Dmitry Epstein.

**OTHER ACADEMIC EXPERIENCE**

2012 – 2013 Graduate Reader with Disability Services  
University of Illinois at Chicago

Summer 2009 Graduate Assistant to Dr. Steven Giles  
Global Health Summer Course in Nicaragua  
Wake Forest University

Fall 2008 Videographer for research project designed by Dr. Marina Krcmar  
Wake Forest University

**AWARDS AND SERVICE**

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**AWARDS**

Graduate Student Council Travel Award, University of Illinois at Chicago  
(2012, 2013, 2015, 2017, 2018)

Graduate Student Presenter Award, University of Illinois at Chicago  
(2013, 2017, 2018)

LAS PhD Student Travel Award, University of Illinois at Chicago  
(2012, 2013, 2015 2016)

IGERT Travel Award, University of Illinois at Chicago (2016)

IGERT Grant for Research Materials, University of Illinois at Chicago (2016)

NCA Graduate Student Membership Award, University of Illinois at Chicago (2012)

NCA Graduate Student Membership Award, University of Illinois at Chicago (2012)

**ACADEMIC DEVELOPMENT**

2017 2nd Interdisciplinary Summer school on Privacy in the Netherlands from June 19<sup>th</sup> – 23<sup>rd</sup>,  
<https://isp.cs.ru.nl/2017/index.php>

2013 Conceptual Logistics Workshop, University of Illinois at Chicago, Chicago, Illinois

2011 Course Design Workshop, Central Piedmont Community College, Charlotte, North Carolina

**ACADEMIC SERVICE**

### ***Manuscript and Conference Paper Review***

2022 – Ongoing	Senses and Society
2021 – Ongoing	<i>Critical Studies in Media Communication</i>
2018 – Ongoing	<i>Convergence</i>
2014 – Ongoing	<i>New Media and Society</i>
2019 – Ongoing	International Communication Association
2019	Central States Communication Association
2016 – Ongoing	Association of Internet Researchers
2015	National Communication Association

### ***Advising***

2022 Prithvi Bandura, Honors capstone project supervisor

### ***Departmental Service***

2022	Communication, Culture, and Media Program Committee, Department of Humanities,
2014	Michigan Technological University Graduate Admissions Committee, Graduate Student Representative, UIC, Department of Communication
2013	Department Liaison for University of Illinois Communication Collaboration Conference (UICCC)
2009	Graduate Student Representative, Wake Forest University, Department of Communication

## **AFFILIATIONS**

### ***Present***

Association of Internet Researchers (AoIR)  
International Communication Association (ICA)

### ***Past***

National Communication Association (NCA)  
Society for Cinema and Media Studies (SCMC)  
Society for Social Studies of Science (4S)  
Computer-Human Interaction (CHI)