

Zane Griffin Talley Cooper

Annenberg School for Communication
University of Pennsylvania
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Education

- 2016-present Ph.D. in Communication
The Annenberg School for Communication at the University of Pennsylvania
- 2018 M.A. in Communication
The Annenberg School for Communication at the University of Pennsylvania
Qualifying Paper: “Of Dog Kennels, Hard Drives, and Global Contaminations:
Toward a Constitutional Logic of Big Data”
Committee: Dr. Jessa Lingel (Advisor), Dr. Marwan Kraidy (Reader)
- 2016 M.A. in History
California State University San Marcos
Thesis: *Raw Data: The Geopolitical History of Hard Drive Technology, 1978-2010*
Committee: Dr. Jeffrey Charles (Chair), Dr. Zhiwei Xiao (Reader), Dr. Katherine
Hijar (Reader)
- 2010 B.F.A. in Film Studies
University of Colorado at Boulder

Research Interests:

Media Infrastructures | STS | Political Economy | Environmental Communication
Global Communication | Raw Material Supply Chains | Rare Earth Mining | Cryptocurrency
Mining

Publications

Peer-reviewed articles

- 2018 (in press) **Cooper, Zane Griffin Talley**. “Data Peripheries: Musings on an
Environmental Prehistory of the Data Center,” *Culture Machine*, Vol. 17.
Special Issue: “Data Centers”

Fellowships & Awards

- 2018 *Top Paper Award*
Intl. Communication Association (ICA) – Philosophy, Theory, & Critique Division
“Of Dog Kennels, Hard Drives, and Global Contaminations: Toward a Constitutional Logic of Big Data”
- 2017 *Emerging Scholars Fellowship – Milton Wolf Seminar for Media and Diplomacy*
Awarded by the American Austrian Foundation and the Annenberg School for Communication. Held at the Diplomatic Academy of Vienna, April 25-27, 2017.
- 2016 *Annenberg School for Communication Research and Teaching Fellowship (5 years)*
Full tuition reimbursement, yearly travel funds, health insurance, and stipend
- 2016 *Ecke Papers Fellowship (\$1200)*
Awarded by the California State University San Marcos Department of History
- 2015 *Graduate Research Assistantship (\$1000)*
Awarded by the California State University San Marcos Department of History
- 2015 *Best Graduate Paper in Global History*
Southern California Regional Conference, Phi Alpha Theta History Honor Society
“Raw Data: The Geopolitical History of Hard Drive Technology, 1978-1995”
- 2015 *Top Ten Finalist*
California State University San Marcos Student Research Symposium
“Raw Data: The Geopolitical History of Hard Drive Technology, 1978-1995”
- 2014 *First Place in Graduate Humanities*
California State University Statewide Research Symposium at CSU East Bay
“The Chinese Cowboy: The Eureka Expulsion and the Rock Springs Massacre as Extensions of Western Mythology”
- 2014 *Top Ten Finalist*
California State University San Marcos Student Research Symposium
“The Chinese Cowboy: The Eureka Expulsion and the Rock Springs Massacre as Extensions of Western Mythology”

Conferences and Presentations

- 2018 (forthcoming) Association of Internet Researchers – Montreal, Canada
Paper - “Of Dog Kennels, Hard Drives, and Global Contaminations: Toward a Constitutional Logic of Big Data”
Roundtable – “Digital Materialities and Their Environmental Damages”

- 2018 (forthcoming) Society for the Social Studies of Science – Sydney, Australia
“Seeing Through Rocks: Rare Earth Elements in Media History”
- 2018 International Communication Association – Prague, Czech Republic
“Of Dog Kennels, Hard Drives, and Global Contaminations: Toward a Constitutional Logic of Big Data”
- 2018 Union for Democratic Communication – Chicago, IL
“Betting It All on Black: Rare Earth Mining in the U.S. Since 2010”
- 2017 International Association of Mass Communication Research - Cartagena, Colombia
“Sins of Attraction: The Political Economy of Media and Magnets”
- 2017 International Communication Association - San Diego, CA
“Attractive Data: The Cloud, Rare Earth Magnets, and New Materialism”
- 2015 History of Science Society, San Francisco, CA
“Raw Data: The Geopolitical History of Hard Drive Technology, 1978-1995”
- 2015 California State University Statewide Research Symposium - San Bernardino, CA
“Raw Data: The Geopolitical History of Hard Drive Technology, 1978-1995”
- 2015 Phi Alpha Theta History Honor Society of Southern California - Point Loma, CA
“Raw Data: The Geopolitical History of Hard Drive Technology, 1978-1995”
- 2015 Calif. State University San Marcos Student Research Symposium - San Marcos, CA
“Raw Data: The Geopolitical History of Hard Drive Technology, 1978-1995”
- 2014 California State University Statewide Research Symposium - Hayward, CA
“The Chinese Cowboy: The Eureka Expulsion and the Rock Springs Massacre as Extensions of Western Mythology”
- 2014 Calif. State University San Marcos Student Research Symposium - San Marcos, CA
“The Chinese Cowboy: The Eureka Expulsion and the Rock Springs Massacre as Extensions of Western Mythology”

Invited Lectures

Cooper, Zane G.T. (04/2017), “Toward an Ethnography of Grand Visions”, presented to The Milton Wolf Seminar on Media and Diplomacy in Vienna, Austria

Cooper, Zane G.T. (12/2016), “The Cloud”, presented to COMM 123: Critical Approaches to Popular Culture (University of Pennsylvania), Dr. Felicity Paxton

Research Experience

2018- 2019	<i>Fellow at the Center for Advanced Research in Global Communication (CARGC)</i> Dr. Marwan Kraidy (Penn)
Spring 2018	<i>Research Fellow</i> Dr. Jessa Lingel (Penn)
Spring 2017	<i>Research Fellow</i> Dr. Victor Pickard (Penn)
Spring 2014	<i>Research Assistant</i> Dr. Ibrahim Al Marashi (Cal State San Marcos)
Spring 2014	<i>Research Assistant</i> Dr. Deborah Kang (Cal State San Marcos)

Teaching Experience

2018	Solo Instructor Chasing the Cloud: Introduction to Networked Infrastructures (Penn)
2017	<i>Teaching Fellow</i> COMM 322: Freedom of Expression (Penn)
2016	<i>Teaching Fellow</i> COMM 123: Critical Approaches to Popular Culture (Penn)
2016	Solo Instructor VSAR 122: Survey of World Cinema (Cal State San Marcos)
2015	<i>Teaching Associate</i> HIST 130: US History 1600-1865 (Cal State San Marcos)
2015	<i>Teaching Associate</i> HIST 131: US History 1865-Present (Cal State San Marcos)
2015	<i>Teaching Assistant</i> VSAR 122: Survey of World Cinema (Cal State San Marcos)
2014	<i>Teaching Associate</i> HIST 101: World History 1500-Present (Cal State San Marcos)

Additional Training & Relevant Experience

- 2017 *Annenberg Summer Institute for Methods and Statistics* (University of Southern California)
- 2016 *Technology Consultant* – San Dieguito Heritage Museum | Encinitas, California
Hired as part of a CAL Humanities grant to assist in the production and installation of an exhibit on the development of the floriculture industry in San Diego.
- 2016 *Web Designer* – RunDry.org | San Marcos, California
Hired as part of a CAL Humanities grant to help plan and design a website for a narrative documentary project about water access in Central California.
- 2006-2010 *Co-Owner* – Kinematic Media | Denver, Colorado
Primarily produced internal training and logistical media for corporations such as The Sports Authority, Cold Stone Creamery, and The Boy Scouts of America. I served as the director and editor of most of these projects.
- 2005-2007 *Film Preservation Technician* – The Cinemalab | Englewood, Colorado
Repaired old films and printed duplicate negatives, primarily for the Universal and Disney archives.

University Service

- 2016-17 *General Assembly Representative*
Graduate and Professional Student Assembly (Penn)

Professional Memberships

- *International Communication Association*
- *Society for the Social Studies of Science*
- *Association of Internet Researchers*
- *International Association for Media and Communication Research*