

Carrie A. Clower

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EDUCATION

- Ph.D. North Carolina State University, Departments of Communication and English 2023
Program: Communication, Rhetoric, and Digital Media
Minor: Genetic Engineering and Society
Concentration: Science Communication
Advisor: Dr. Andrew Binder
- M.A. The University of Alabama, Department of Communication Studies 2018
Concentration: Rhetoric & Political Discourse
Advisor: Dr. Cynthia Peacock
- B.A. The University of Alabama, Department of Political Science 2017
Minor: German
Magna Cum Laude
- B.A.C. The University of Alabama, Department of Communication Studies 2017
Minor: German
Magna Cum Laude
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ACADEMIC APPOINTMENTS

- North Carolina State University (Summer 2020-Present)
Graduate Teaching Assistant - Department of Communication
- The University of Alabama (2018)
Adjunct Instructor - Department of Communication Studies
- The University of Alabama (2017-2018)
Graduate Teaching Assistant - Department of Communication Studies
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FUNDING

Fellowships

- 2019-2021 AgBioFEWS Fellow
A National Science Foundation-funded graduate research training program offering Ph.D. candidates across multidisciplinary fields of study the opportunity

to examine the science, policy, and public engagement aspects and impacts of Agricultural Biotechnology on Food, Energy, and Water.

Awarded by: the National Science Foundation, the Genetic Engineering and Society Center

North Carolina State University

Total Amount: \$68000

Conferences

2018

Travel Grant

Awarded by: Department of Communication Studies; Graduate School
The University of Alabama

Amount: \$1000

CONFERENCE PRESENTATIONS

National

Clower, C. & Binder, A. *Social amplification and attenuation of COVID-19 risk: The case of Twitter in the United States.* Paper to be presented virtually at the Society for Risk Analysis, 2020.

Clower, C. *Relational effects, residuality, and reemergence: Tornado Sirens and weather radios as 'zombie media' technologies.* Paper to be presented virtually at the National Communication Association, 2020.

Clower, C. *Exploring climate change as a rhetorical situation: Understanding and overcoming cultural and epistemic issues in doing so.* Paper presented at the National Communication Association, Salt Lake City, UT, 2018.

Clower, C. *"It's the [toxicity of pervasive humanism], stupid": Using posthumanism as a theoretical guide to climate change mitigation efforts.* Paper presented at the Post-Human Network Conference, Tempe, AZ, 2018.

Regional/Local

Clower, C. *Aerial images of the Haitian-Dominican border: A postcolonial rhetorical dichotomization of the Hispaniolan nations.* Paper accepted to and intended for presentation at the Carolina Conference for Romance Studies, Chapel Hill, NC, 2020. *Cancelled due to COVID-19

Clower, C. *Complicating intercultural communication: Denied self-determination and environmental racism in Mossville, Louisiana.* Paper presented at the Alabama Communication Association, Birmingham, AL, 2017.

On-Campus

Clower, C. et al. *Consolidation and innovation in AgBiotech: Exploring perspectives on two interdisciplinary topics.* For the Genetic Engineering and Society Center's colloquium series, NCSU, Raleigh, NC, 2020.

Clower, C. et al. *First AgBioFEWS cohort: Eastern NC field course report.* For the Genetic Engineering and Society Center's colloquium series, NCSU, Raleigh, NC, 2019.

Clower, C. *Radionuclides in drinking water.* Presented at the Undergraduate Research & Creative Activity Conference, UA, Tuscaloosa, AL, 2014.

ACADEMIC SERVICE

Departmental and University Service, North Carolina State University

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| 2020-2021 | <i>Secretary</i>
CRDM Student Association |
| 2020-2021 | <i>Student Association Representative</i>
Technology Award Committee - CRDM Student Association |
| 2020 | <i>Member</i>
Welcoming Subcommittee - CRDM Student Association |

Departmental and University Service, The University of Alabama

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| 2017-2018 | <i>President</i>
Graduate Communication Assembly |
| 2018 | <i>Graduate Representative</i>
Graduate Studies Council |
| 2017-2018 | <i>Graduate Assistant</i>
Alabama Debate Society |

- 2017-2018 *Communication Studies Delegate*
C&IS Student Executive Council
- 2017-2018 *Public Speaking Consultant*
The Speaking Studio
- 2016-2017 *Mentor*
Alabama Debate Society
- 2016-2017 *President*
Iota Iota Iota Women's Studies Honor Society
- 2016-2017 *Secretary*
Lambda Pi Eta Communication Studies Honor Society

Service to the Field

- 2020-Present National Communication Association
Manuscript Review, Association for the Rhetoric of Science, Technology, and
Medicine
- 2019-Present National Communication Association
Manuscript Review, Visual Communication Division

AWARDS

Outstanding Service by a Graduate Student (2017-2018)

Selected by the College of Communication & Information Sciences in recognition of work with the Alabama Debate Society

Communication Studies Outstanding Service Award (2017-2018)

Selected by the Department of Communication Studies in recognition of work with the Alabama Debate Society and the Graduate Communication Assembly

ASSOCIATION MEMBERSHIPS

Society for Risk Analysis (2020-Present)

National Communication Association (2018-Present)

Science Communicators of North Carolina (2020-Present)
Alabama Communication Association (2017)

TEACHING & RESEARCH EXPERIENCE

Teaching

Teaching Assistant (2020)

Department of Communication, North Carolina State University

- Introduction to Persuasion Theory (COM 201)
 - Description: Impacts of persuasive communication on attitudes and behavior; uses humanistic and social scientific theories to explain the persuasive process
 - Graded assignments for another instructor (online)
 - One section (Fall 2020)
- Public Speaking (COM 110)
 - Description: Research skills, topic selection, speech organization, skills in speech delivery; listening for analysis and evaluation of in-class speech presentation
 - Taught as the sole instructor (online instruction)
 - One section (Summer 2020)

Adjunct Instructor (2018)

Department of Communication Studies, The University of Alabama

- Public Speaking (COM 123)
 - Description: Theory and practice of basic principles of public speaking, with emphasis on the compositional and presentational aspects of communication in formal speaking situations
 - Taught as the sole instructor
 - One section (Summer 2018)

Graduate Teaching Assistant (2017-2018)

Department of Communication Studies, The University of Alabama

- Argumentation (COM 348)
 - Description: Theory and practice of argumentation, applying basic principles to both oral and written discourse
 - Taught as the sole instructor
 - One section (Spring 2018)
- Critical Decision Making (COM 122)

- Description: Participating in the process of public decision making and understanding how discussion, argumentation, and persuasion function as communication forms for that process
- Taught as both the sole instructor as well as a teaching assistant under the supervision of the program coordinator
- Three sections (Fall 2017 [1], Spring 2018 [2])

Research

Graduate Researcher (2019-Present)

SciComm Research Group, North Carolina State University

- Project: COVID-19 Risk on Twitter
 - Objective: Use Crimson Hexagon (now Brandwatch) to explore the function of tweets focusing on COVID-19 posted to Twitter between January to June 2020, coding tweets as informative or interpretive and observing patterns of attenuation and amplification in discussion of risk
- Project: Direct-to-Consumer (DTC) Genetic Testing and Expressed Concerns
 - Objective: Understand people's concerns toward DTC genetic tests by scraping data from tweets off of Twitter that express concern and distributing a survey to assess concerns as well as people's understanding of the technology
- Project: Polls Trends on Public Opinion of Genetic Testing/Modification/Etc.
 - Objective: Trace public opinion through polls conducted on a variety of topics including genetic modification of animals and plants, genetic testing for disease, The Human Genome Project

Undergraduate Researcher (2013-2014)

Emerging Scholars Program, The University of Alabama

- Project: Radionuclides in Drinking Water
 - Objective: A research project through the Department of Geological Sciences that mapped the Radium (Ra-226) and Radon (Rn-222) concentrations in natural waters in the Tuscaloosa, AL area from the source - Lake Tuscaloosa - to the point of use and analyzed these concentrations to see if they were within the range allowed by EPA standards