

# Lauren E. Cagle

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Department of Writing, Rhetoric, & Digital Studies  
University of Kentucky  
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## Education

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### **Ph.D. Rhetoric & Composition | 2016**

University of South Florida, Department of English

### **Graduate Certificate: Professional & Technical Communication | 2015**

University of South Florida, Department of English

### **Graduate Certificate: Women's & Gender Studies | 2015**

University of South Florida, Department of Women's and Gender Studies

### **M.A. English | 2011**

University of Nevada, Las Vegas, Department of English

### **B.A. English | 2007**

Rhodes College, Department of English

## Academic Appointments

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### **University of Kentucky**

Assistant Professor, Writing, Rhetoric, and Digital Studies, Lexington, KY, 2016-present  
Affiliate Faculty, Environmental and Sustainability Studies, Lexington, KY, 2017-present

### **University of South Florida**

Graduate Teaching & Research Assistant, Department of English, Tampa, FL, 2012-2016

### **University of Nevada, Las Vegas**

Graduate Teaching & Research Assistant, Department of English, Las Vegas, NV, 2009-2012

## Publications

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### **Articles & Book Chapters**

Cagle, L. E., & Herndl, C. G. (2019). Shades of denialism: Discovering possibilities for a more nuanced deliberation about climate change in online discussion forums. *Communication Design Quarterly*, 7(1), 22-39.

Cagle, L. E. (2019). Surveilling strangers: The disciplinary biopower of digital genre assemblages. *Computers & Composition*, 52, 67-78.

- Cagle, L. E. (2018). Climate change and the virtue of civility: Cultivating productive deliberation around public scientific controversy. *Rhetoric Review*, 37(4), 370-379.
- Cagle, L.E. (2017). Becoming 'forces of change': Making a case for engaged rhetoric of science, technology, engineering, and medicine. *POROI*, 12(2).
- Cagle, L. E., & Tillery, D. (2017). Tweeting the Anthropocene: #400ppm as networked event. In K. Northcut & H. Yu (Eds.), *Scientific communication: Practices, theories, and pedagogies* (pp. 131-148). Routledge Studies in Technical Communication, Rhetoric, and Culture Series.
- Browning, E. R., & Cagle, L. E. (2016). Teaching a 'Critical Accessibility Case Study': Developing disability studies curricula for the technical communication classroom. *Journal of Technical Writing and Communication*, 47(4), 440-463.
- Cagle, L. E., & Tillery, D. (2015). Climate change research across disciplines: The value and uses of multidisciplinary research reviews for technical communication. *Technical Communication Quarterly*, 24(2), 147-163.
- Santos, M. C., Bieze, E. R., Cagle, L. E., Carabelli, J., Dixon, Z. P., Gay, K. N., Hopton, S. B., & McIntyre, M. M. (2014). Our electrated stories. *Kairos: A Journal of Rhetoric, Technology, and Pedagogy*, 18(2).

### **Edited Special Issue**

- Cagle, L.E., & Walker, K. (In progress; scheduled for publication Fall 2019). Special issue on "Rhetorics of Resilience" including 10+ articles from scholars in rhetoric and communication. *POROI*.

### **Book Reviews**

- Cagle, L.E. (2016). Review of *The troubled rhetoric and communication of climate change: The argumentative situation* by Philip Eubanks. *Rhetoric Review*, 35(2), 189-191.
- Cagle, L. E. (2014). Review of *Digital literacy for technical communication: 21<sup>st</sup> century theory and practice* edited by Rachel Spilka. *Journal of Business and Technical Communication*, 28(2), 259-263.

### **Textbook Contributions**

- Nagelhout, E., Tillery, D., Cagle, L., Lyons, S., & Peevey, S. (2014). *Analyzing grammar in context*. Self-Published Electronic Textbook. Available at <https://faculty.unlv.edu/nagelhout/AnalyzingGrammarInContext/>.
- Cagle, L. E. (2013). Writing helpful peer reviews. In J. Carabelli & B. Sullivan (Eds.), *Rhetoric matters*, 3<sup>rd</sup> edition (pp. 165-168). Tampa, FL: University of South Florida Press.
- Cagle, L. E. (2013). Research as discovery. In J. Carabelli & B. Sullivan (Eds.), *Rhetoric matters*, 3<sup>rd</sup> edition (pp. 86-89). Tampa, FL: University of South Florida Press.

## **Funded Research Grants**

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### **External Grants**

- Co-Primary Investigator (with William C. Haneberg, Director of the Kentucky Geological Survey and state geologist of Kentucky). **\$49,995**. (2019-2020). "Engaging Nontraditional Geoscience Information Stakeholders in Appalachian Kentucky." Building Capacity for Science Communication Award, National Academy of Sciences.

Pilot study using an engagement model of science communication to identify stakeholder needs and test communication strategies to develop an integrated and evidence-based communications strategy for the Kentucky Geological Survey (KGS). Research methods include stakeholder meetings, asset mapping, and user experience testing of communication prototypes.

Co-Primary Investigator (with Carmen Agouridis). **\$4,825.** (2018-2019) “Evaluating and addressing awareness of climate and water-related issues in Kentucky.” Funding distributed by the Kentucky Water Resources Research Institute. Funding provided by the United States Geological Survey.

IRB-approved research including 1) development of a state-wide Kentucky Climate Consortium including natural and social scientific experts on climate, 2) interviews with subject matter experts on Kentucky water resources, 3) development and deployment of a state-wide survey on public awareness of and attitudes about water and climate in Kentucky, and 4) development and pilot-testing of training materials for agricultural extension agents on talking with members of the Kentucky public about climate and water.

### **Internal Grant**

Primary Investigator. **\$4,989.** (2019-2020). “Assessing visitor values and experiences at The Arboretum, State Botanical Garden of Kentucky.” Research and Creative Activities Grant, Office of the Vice President for Research, University of Kentucky.

IRB-approved research including 1) large-scale visitor analysis in collaboration with The Arboretum’s director, education manager, and interpretive planning committee, 2) a stakeholder forum to provide expert review of the a new interpretive plan, and 3) community-based participatory user experience and accessibility studies providing feedback on low-fidelity prototypes of redesign signage, brochures, and other Arboretum interpretive materials.

## **Presentations**

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### **International**

“Crossing boundaries into communities: How professional and technical communicators can contribute to interpretive planning processes.” Special Interest Group for Design of Communication, Association for Computing Machinery. Portland, OR. October 4-6, 2019.

“The New World Order behind the green mask’: White nationalism, anti-semitism, and the Agenda 21 climate change conspiracy theory.” Conference on Communication and the Environment. International Environmental Communication Association. University of British Columbia, Vancouver, Canada. June 17-21, 2019.

“WIP: You can change the world, but not this homework assignment: The contradictory rhetoric of engineering agency.” (with Mel Chua). *Frontiers in Education*. Purdue University, Indianapolis, IN. October 18-21, 2017.

“The shared epistemological foundations of climate denialism and fake news.” Conference on Communication and the Environment. International Environmental Communication Association. University of Leicester, Leicester, UK. June 29-July 2, 2017.

“Ecological citizenship and the activists of blockadia.” Association for the Study of Literature and the Environment. Wayne State University, Detroit, MI. June 20-24, 2017.

“Shades of denialism.” (with Carl G. Herndl). Conference on Communication and the Environment. International Environmental Communication Association. Boulder, CO. June 11-14, 2015.

“Blurring traditional roles: Assessment of a collaborative teaching model for first-year writing.” (with Kristen Gay and Megan McIntyre). Writing Research Across Borders III Conference. Université Paris Ouest Nanterre La Défense, Paris, France. February 19-22, 2014.

## **National**

“Working with(in) the technology industry.” (Speaker on panel sponsored by the Association for the Rhetoric of Science, Technology, and Medicine). Rhetoric Society of America Conference. Portland, OR. May 21-24, 2020. (Accepted.)

“Ethics of Assessing Oral Presentations.” Conference on College Composition and Communication. Milwaukee, WI. March 25-28, 2020. (Accepted.)

Respondent, panel on “Strategies for Environmental Policy and Political Action.” National Communication Association Conference. Baltimore, MD. November 14-17, 2019. (Invited.)

“Evaluating and addressing climate and water awareness in Kentucky.” National Communication Association Conference. Baltimore, MD. November 14-17, 2019. (Accepted.)

“Building Collaborations Between Non-formal Educators and College Classes: Best Practices” (with Roberta Burrnes). North American Association for Environmental Education Conference. Lexington, KY. October 16-19, 2019.

“Distributed accountability: Technical communication and the non-human environment.” Association of Teachers of Technical Writing Conference. Pittsburgh, PA. March 12-13, 2019.

“Service learning as a model for legitimizing rhetorical evidence in transdisciplinary partnership.” Association for the Rhetoric of Science, Technology, and Medicine Preconference. Salt Lake City, UT, November 7, 2018.

“Exceptional heroics and everyday activities: Building trust and credibility through commonplaces of scientific work on social media” (with Denise Tillery). 6<sup>th</sup> Iowa State University Summer Symposium on Science Communication, Ames, IA, June 7-9, 2018.

“Toward more durable rhetorics: Building future praxis through reinventing historic epistemologies.” (Speaker on panel sponsored by the Association for the Rhetoric of Science, Technology, and Medicine). Rhetoric Society of America, Minneapolis, MN, May 31-June 3, 2018.

“Rhetorical research methods and ethical quandaries: A roundtable discussion.” (Roundtable discussant). Rhetoric Society of America, Minneapolis, MN, May 31-June 3, 2018.

“A Blue Pocket in a Red State: Unmaking Political Assumptions to Make Progress.” National Communication Association. Dallas, TX. November 16-19, 2017.

“Cultivating researcher and participant identities in visually-oriented social media spaces.” Conference on College Composition and Communication. National Council of Teachers of English. Portland, OR. March 15-18, 2017.

“Re-envisioning virtue ethics and climate policy through ecological feminist theory.” Association of Teachers of Technical Writing Conference. Portland, OR. March 15, 2017.

- “Becoming 'Forces of Change': Application and engagement at the center of rhetoric of science.” Association for the Rhetoric of Science and Technology Preconference. Atlanta, GA. May 26, 2016.
- “Surveilling strangers: Discipline, networks, and People of Walmart.” Gender, Bodies, & Technology: (In)Visible Futures. Roanoke, VA. April 21-23, 2016.
- “Assessment in disability studies research: Improving research sites to appeal to wider audiences in higher education.” Conference on College Composition and Communication. National Council of Teachers of English. Houston, TX. April 6-9, 2016.
- “Shaping climate citizenship: The ethics of inclusion in climate communication and policy.” Association of Teachers of Technical Writing Conference. Houston, TX. April 5, 2016.
- “Risk visualization and simulation: Moving beyond the information deficit model.” Conference on College Composition and Communication. National Council of Teachers of English. Tampa, FL. March 19-22, 2015.
- “Big data and learning analytics in a university writing program.” Council of Writing Program Administrators Conference. Georgia Southern University, Savannah, GA. July 14-21, 2013.
- “Gendered profiles in gendered fields: Leveraging role-model ethos to recruit women to STEM.” Conference on College Composition and Communication. National Council of Teachers of English, Las Vegas, NV, March 13-16, 2013.
- “A stakeholder approach to program development” (with Denise Tillery). Conference of the Council for Programs in Technical and Scientific Communication. Michigan Technological University, Houghton, MI, September 27-29, 2012.
- “Reading the way into writing: Using Bakhtin’s speech genres to reimagine the composition reader.” Conference on College Composition and Communication. National Council of Teachers of English, St. Louis, MO, March 21-14, 2012.

## **Regional**

- “Evaluating and addressing climate awareness and water in Kentucky.” Kentucky Water Resources Annual Symposium. Lexington, KY. March 25, 2019.
- “Personal pedagogies roundtable.” (with Andy Bahlmann, Regina Dickerson, Laura Powell, Gina Sully, and Mike Velez). Far West Popular Culture Association Conference. Far West Popular Culture Association, Las Vegas, NV, February 24-26, 2012.
- “A broad view of rhetoric of science and STS: What’s of interest for rhetoric and technical communication?” (with Denise Tillery). Southwest Texas Popular Culture and American Culture Association Conference. Southwest Texas Popular Culture and American Culture Association, Albuquerque, NM, February 8-11, 2012.
- “Crossing genre lines: When picturebooks act like comics.” Southwest Texas Popular Culture and American Culture Association Conference. Southwest Texas Popular Culture and American Culture Association, Albuquerque, NM, February 10-13, 2010.

## **Public Media Appearances & Lectures**

- Public radio interview.* “Why the trend of surveilling strangers online proves we are horrible: Posting embarrassing pictures of strangers is a way of policing individuality.” Interview about *Computers & Composition* peer-reviewed article on “strangershots” for *Spark*, a Canadian Broadcasting Corporation program about technology, innovation, and design. Broadcast March 17, 2019. (Audio available at <https://www.cbc.ca/radio/spark/spark->

430-1.5051879/why-the-trend-of-surveilling-strangers-online-proves-we-are-horrible-1.5051886)

*Public lecture.* “Civility and climate change: How (not) to talk about scientific controversy.” University of Nevada, Las Vegas, College of Liberal Arts’ University Forum Lecture Series. Recorded for distribution via local public radio. November 30, 2018.

### **Invited Presentations**

*Series lecture* (with Roberta Burnes of the Kentucky State Division for Air Quality). “Design Matters: Using Design to Your Advantage in Technical Communication.” Kentucky Government Communicators’ Association Lunch-and-Learn Series. July 17, 2019.

*Keynote lecture.* “Geoscience, political controversy, and the public interest: How rhetoric can help stakeholders communicate with each other on difficult topics.” Annual Stakeholder Seminar, Kentucky Geological Survey, May 18, 2018.

*Series lecture* (with Roberta Burnes of the Kentucky State Division for Air Quality). “Communicating complex information to multiple audiences.” Kentucky Government Communicators’ Association Lunch-and-Learn Series. April 17, 2019.

*Seminar lecture.* “Why it’s so hard to talk about climate change and how to talk about it anyway.” Department of Plant and Soil Sciences, University of Kentucky, April 13, 2018.

*IGNITE talk.* “The danger of soft climate denialism.” University of Kentucky Water Week, sponsored by the Tracy Farmer Institute for Sustainability and the Environment, October 9, 2017.

*Series lecture.* “Climate change denialism, data censorship, and their impacts on research.” University of Kentucky Program for Bioethics, Research Ethics Lecture Series, April 20, 2017.

### **Course Guest Lectures**

*Guest lecture.* Discussing article “Surveilling Strangers: The disciplinary biopower of digital genre assemblages.” Undergraduate sociology course on surveillance studies, University of British Columbia, October 24, 2019.

*Guest lecture.* Discussing article “Shades of Denialism.” Graduate course on Rhetorics of Science and Technology, North Dakota State University, October 24, 2019.

*Guest lecture.* “On strangershots: The disciplinary biopower of digital genre assemblages.” Graduate course on Rhetoric of Photography, Texas Technical University, July 9, 2018.

*Guest lecture.* “Professional guidelines for using social media.” LIT 6934: Rhetoric in a Post-Truth Era, University of South Florida, January 26, 2018.

*Guest lecture.* “Climate change science and denialism.” PHI 560: Philosophy of Scientific Method, University of Kentucky. April 3, 2017.

*Guest lecture.* “Storytelling, data, and style.” CE 429: Civil Engineering Systems Design, University of Kentucky, January 31, 2017.

*Guest panelist.* ENG 515: Rhetoric of Science and Technology, North Carolina State University, August, 24, 2016.

## **Awards & Honors**

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*Plenary panelist.* “Ethics and rhetoric in technical communication.” | 2018

Association of Teachers of Technical Writing Conference

*Graduate Research Award* | 2015

Association of Teachers of Technical Writing

*Alma Bryant Award for Outstanding Graduate Student* | 2015

Department of English, University of South Florida

*Pass with Distinction, Doctoral Qualifying Exam* | 2014

Department of English, University of South Florida

*Joseph Bentley Teaching Fellowship* | 2013

Department of English, University of South Florida

*University Graduate Fellowship* | 2012-13

University of South Florida

## Teaching

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### **Undergraduate Teaching at the University of Kentucky (\* = developed curriculum)**

WRD 406	Advanced Technical Communication: Designing and Communicating Complex Information*
WRD 406	Advanced Technical Communication: Designing for Accessibility & Usability*
WRD 401	Rhetoric, Environmentalism, and Climate Change*
WRD 310	Writing in the Natural Sciences*
WRD 304	Writing in the Social Sciences*
WRD 210	Social Media*
WRD 204	Introduction to Technical Writing*

### **Graduate Teaching at the University of South Florida**

IDS 6238	Communicating the Value of Sustainability, co-taught with Dr. Carl Herndl (face-to-face and online)*
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### **Undergraduate Teaching at the University of South Florida**

ENC 4218	Visual Rhetoric for Technical Communication*
ENC 3416	New Media for Technical Communication*
ENC 2210	Technical Writing for Health Science*
ENC 3310	Expository Writing (online)*
ENC 3246	Communications for Engineers
ENC 1101	Composition I

### **Undergraduate Teaching at the University of Nevada, Las Vegas**

ENG 411B	Principles of Modern Grammar*
ENG 102	Composition II
ENG 101	Composition I

## Workshops

“Addressing Thorny Communication Challenges” (with Roberta Burnes from the Kentucky State Division for Air Quality). Kentucky Government Communicators’ Association Conference, May 10, 2019.

“How (Not) to Respond to Climate Change Denial.” University of Kentucky Climate Week, April 24, 2019.

## Program Administration

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### **Assistant Director of Graduate Rhetoric and Composition | 2013-2016**

Department of English, University of South Florida

### **Graduate Assistant to Director of Composition | 2012**

Department of English, University of Nevada, Las Vegas

## Curriculum Development

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### **Curriculum Developer, IDS 6234 Communicating the Value of Sustainability**

Patel College of Global Sustainability, University of South Florida | 2013

### **Curriculum Developer for Style and Grammar in First-Year Composition**

First-Year Composition Program, University of South Florida | 2013

Department of English, University of Nevada, Las Vegas | 2011

## Service

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### **Service to the Community**

*Founding member of the Kentucky Climate Consortium (KYCC) in collaboration with Dr. Carmen Agouridis, Extension Associate Professor of Bioenvironmental Engineering at the University of Kentucky. The KYCC invites climate researchers and educators to promote collaboration on and communication about climate issues in Kentucky. Since its founding in August 2018, the KYCC has enrolled 12+ members from multiple universities state-wide; the KYCC remains under development and will be a scholarly, educational, and public resource for all Kentuckians.*

*Developed and supervised semester-long service-learning projects in collaboration with the Kentucky State Division for Air Quality. Projects included video, tabletop banners, brochures, and digital story maps, produced by students in WRD 406: Designing and Communicating Complex Information (Fall 2017) and WRD 406: Designing for Usability and Accessibility (Fall 2018).*

### **Service to the Profession**

#### Service to National Organizations

*Second Vice President, Association for the Rhetoric of Science, Technology, and Medicine | 2018-present*

*Editorial Board Member, Technical Communication Quarterly | 2018-present*



*Web Administrator*, Association for the Rhetoric of Science, Technology, and Medicine | 2016-2018

*Moderator*, Discussion Panel, “In what ways and why does our evidence export to allied fields, students, and other communities we wish to engage?,” Association for Rhetoric of Science, Technology, and Medicine NCA Preconference | November 7, 2018

*Reviewer*, Graduate Research Award applications, Association of Teachers of Technical Writing | 2018

*Co-Chair*, Association for the Rhetoric of Science, Technology, and Medicine Preconference at the Rhetoric Society of America biennial conference | 2017-2018

*Facilitator*, Workshop on Navigating the Job Market, Women in Technical Communication Talk Series | 2017

*Faculty Participant*, Career Workshop for Graduate Students, Conference of Association of Teachers of Technical Writing | 2017, 2018, 2019

*Mentor*, Writing Program Administrators Graduate Student Organization, Mentoring @ CCCC | 2017

*Co-Chair*, Accessibility Committee, Conference on College Composition and Communication | 2015

*Assistant to Program Chairs*, Conference of the Association of Teachers of Technical Writing | 2014

#### Reviewer for Scholarly Journals

*Technical Communication Quarterly* | 2018-2019

*Engineering Studies* | 2018-2019

*Science, Technology, & Human Values* | 2018

*Technical Communication* | 2018

*Communication Design Quarterly* | 2017-2018

*Science Communication* | 2017

*Journal of Business and Technical Communication* | 2017

*Business and Professional Communication Quarterly* | 2016

*Reviews in Environmental Health* | 2016

#### Conference Proposal Selection Committee

National Communication Association, Environmental & ARSTM Divisions | 2018

Association for Rhetoric of Science, Technology, and Medicine Preconference at the Annual National Communication Association Conference | 2018

Association of Teachers of Technical Writing annual conference | 2014, 2016-2019

#### **Service to the University of Kentucky**

*Member*, Search Committee for Assistant Professor, Department of Writing, Rhetoric, & Digital Studies | 2019

*Member*, Search Committee for Communication, Outreach, Policy, and Economic Researcher, Kentucky Geological Survey | 2019

*Member*, Steering Committee, Department of Writing, Rhetoric, & Digital Studies | 2018-2019

*Panelist*, discussion panel on the film *Before the Flood*, University of Kentucky Water Week | 2018

*Judge*, Student Poster Competition, University of Kentucky Sustainability Forum | December 6, 2018

*Chair*, Kentucky Gender and Women's Studies Conference, University of Kentucky | September 8, 2018

*Member*, Ad Hoc Speaker Committee, Department of Writing, Rhetoric, & Digital Studies | 2018

*Panelist*, discussion panel on the film *Chasing Ice*, University of Kentucky Water Week | 2017

*Panelist*, New Faculty Orientation, College of Arts and Sciences | 2017

*Seminar Leader*, "Developing a Teaching Portfolio," Department of Writing, Rhetoric, & Digital Studies, graduate student Professional Development Seminar | 2017

*Presenter*, "The Professional and Technical Writing Program at UK" (with Brian McNely), Department of Computer Science, Keeping Current talk series | 2017

*Member*, Undergraduate Studies Committee, Department of Writing, Rhetoric, & Digital Studies | 2016-2018

### **Service to the University of South Florida**

*Member*, Ad Hoc Web Committee, Department of English | 2012

*Presenter*, Big Data and Writing Studies Colloquium, Department of English | 2014

### **Service to the University of Nevada, Las Vegas**

*General Education Web Content Developer*, Office of the Provost | 2012

*Assistant*, General Education Task Force | 2011

*M.A. Representative*, English Graduate Student Association | 2010 – 2011

*Assistant*, Academic Success Center | 2010

*Assistant*, General Education Advisory Committee | 2010

*Voting Member*, First Year Coordinator Search Committee | 2010

*Academic Success Coach*, Academic Success Center | 2009 - 2010

## **Mentoring**

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*Honors Thesis Advisor*, Kate Heinonen | 2018-2019

Accepted to present thesis research at the National Council on Undergraduate Research Annual Conference, Kennesaw State University, April 10-13, 2019.

*Faculty advisor*, Southern Poverty Law Center campus chapter, University of Kentucky | 2017-present

## **Seminars, Institutes, & Workshops Attended**

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Sketch Model Summer Workshop. Funded by the Andrew W. Mellon Foundation. Franklin W. Olin College of Engineering, June 18-20, 2018.

Sustain\*able Pedagogies Workshop. University of Kentucky, May 2018.

Summer Institute on “Rhetoric of science.” Rhetoric Society of America, June 2015.

## Professional Development

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Workshop on the North American Association for Environmental Education “Guidelines for Excellence: Community Engagement.” Kentucky Association for Environmental Education Conference, September 7, 2018.

Workshop on National Endowment for the Humanities grant writing. Appalachian College Association, February 23, 2018.

Workshop on “Critical conversations about race and teaching: Managing microaggressions.” Center for Enhancement of Learning and Teaching, University of Kentucky, November 30, 2016.

Workshop on “Universal design in Canvas with UDOIT.” Center for Enhancement of Learning and Teaching, University of Kentucky, December 14, 2016.

Online Instruction Certification. University of South Florida, 2014.

## Memberships

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Association for Computing Machinery Special Interest Group on Design of Communication (ACM SIGDOC)

Association for Rhetoric of Science, Technology, and Medicine (ARSTM)

Association of Teachers of Technical Writing (ATTW)

International Environmental Communication Association (IECA)

National Communication Association (NCA)

North American Association for Environmental Education (KAEE)

Rhetoric Society of America (RSA)