Lauren E. Cagle

Department of Writing, Rhetoric, & Digital Studies
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Academic Appointments

University of Kentucky | Lexington, KY

Associate Professor, Writing, Rhetoric, and Digital Studies | 2022-present

Program Faculty, Environmental and Sustainability Studies | 2017-present

Affiliate Faculty, Appalachian Studies | 2019-present

Assistant Professor, Writing, Rhetoric, and Digital Studies | 2016-2022

Program Administration

Director, Environmental & Sustainability Studies Program | 2023-present
University of Kentucky, Lexington, KY

Education

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

Publications

Journal Articles

Cagle, L. E. (2023). "A proficiency in what we call rhetoric": A role for community-engaged technical communicators in interpretive planning processes. *Technical Communication Quarterly*.

Itchuaqiyaq, C. U., Bloom Pojar, R., **Cagle, L. E.**, Druschke, C. G. (2022). To community with care: Enacting positive barriers to access as good relations. *Community Literacy Journal 17*(1), 93-115.

Cagle, L. E. (2021). The ethics of researching unethical images: A story of studying strangershots (or a story of trying to do good research without doing bad things). *Computers & Composition, 61*(1). https://doi.org/10.1016/j.compcom.2021.102651

Walker, K., & **Cagle, L. E.** (2020). Resilience rhetorics in science, technology, and medicine. *Poroi, 15*(1).

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).

Browning, E. R., & **Cagle, L. E.** (2017). 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 electrate stories. *Kairos: A Journal of Rhetoric, Technology, and Pedagogy, 18*(2).

Book Chapters

Cagle, L. E. (2023). "The New World Order behind the green mask": A comparative rhetorical analysis of visual strategies used by far right and far left climate conspiracists in the U.S. In B. Forchtner (Ed.), *Imaging Far-Right Environments: Visual Communication and the Politics of Nature*, Manchester University Press, Global Studies of the Far Right Series.

Cagle, L. E., & Moore, K. (2023). Afterword. In H. Yu & J. Buehl (Eds.), *Keywords in Technical and Professional Communication*, WAC Clearinghouse.

Cagle, L. E., & Burnes, R. (2023). Collaborating for clean air: Virtue ethics and the cultivation of transformational service-learning partnerships. In S. Williams (Ed.), *Technical Communication for Environmental Action,* SUNY press.

Cagle, L. E. (2021). Doing science digitally: The role of interactive and multimedia representations in scientific rhetoric. In C. Hanganu-Bresch, S. Maci, M. Zerbe, & G. Cutrufello (Eds.), *Routledge Handbook of Scientific Communication*.

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.

Proceedings Papers

Cagle, L. E., Eble, M., Johnson, M., Johnson, N. R., Lane, L., Mckoy, T., Moore, K. R., Reynoso Jr., E., Rose, E. J., Patterson, G., Sánchez, F., Simmons, M., Stone, E., Tham, J., & Walton, R. (2021). Participatory coalition building: Creating an anti-racist scholarly reviewing practices heuristic. *ACM Special Interest Group on the Design of Communication (SIGDOC) '21*.

Chua, M., & Cagle, L. E. (2017). You can change the world, but not this homework assignment: The contradictory rhetoric of engineering agency. *2017 IEEE Frontiers in Education Conference (FIE)*, 1–4.

Edited Special Issue

Cagle, L.E., & Walker, K. (2020). Special issue on "Rhetorics of Resilience" including 10+ articles from scholars in rhetoric and communication. *POROI*.

Book Reviews

Cagle, L.E. (2020). Review of *Data Feminism* by Catherine D'Ignazio & Lauren F. Klein. *Journal of Writing Analytics, 4*.

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: 21st 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*, 3rd 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*, 3rd edition (pp. 86-89). Tampa, FL: University of South Florida Press.

In Progress

Johnson, M. A., & Cagle, L. E. (under review). Designing accessible tables: When technical communication competencies come into conflict. *Technical Communication Quarterly*.

Cagle, L. E. *Paper Computers: The Story of Slide Charts in American History*. Proposal accepted for the Parlor Press X-Series.

Competitive Funding

External Research Grants

Primary Investigator. **$3,367.55.** (2023-2024). "Oral history transcription and indexing: Climate research, policy, and activism in Kentucky." Kentucky Oral History Commission, administered by the Kentucky Historical Society.

> This grant funds professional transcription and indexing of 10 interviews from the Kentucky Climate Research, Policy, and Activism project completed during 2022-23.

Primary Investigator. **$6,960.** (2022-2023). "Oral history collection: Climate research, policy, and activism in Kentucky." Kentucky Oral History Commission, administered by the Kentucky Historical Society.

> The Climate Research, Policy, and Activism in Kentucky project collected interviews from Kentuckians who have been involved in three climate-related areas: research, policy, and activism. Because of our coal-producing history and our insulation from early climate impact such as sea-level rise, Kentuckians have a unique perspective on how cultural, economic, and geographical forces have affected our relationships with climate change. 44 planned interviews.

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 Research Grants

Co-Primary Investigator. **$10,000**. (2023). "Extension Climate Education Project." Extension Innovation Program, University of Kentucky.

IRB-approved research to conduct needs assessment of Kentucky Extension personnel and development of solutions to support incorporation of climate into Extension programming.

Primary Investigator. **$3,816**. (2023-2024). "Paper Computers: The Story of Slide Charts in American History." Research and Creative Activities Grant, Office of the Vice President for Research, University of Kentucky.

Funding to support travel and research for a book project with Parlor Press's X-Series.

Primary Investigator. **$4,600**. (2021-2022). "Developing and Evaluating Evidence-Based Communication about Waste Management at the University of Kentucky." Research and Creative Activities Grant, Office of the Vice President for Research, University of Kentucky.

IRB-approved research including 1) campus-wide surveys of knowledge, attitudes, and beliefs related to recycling, and 2) focus groups to triangulate findings and test proposed waste management communications. This project is being conducted in collaboration with supervisors and staff in the UK Recycling Office.

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.

Administrative & Service Grants

Primary Investigator. **$10,169**. (2023-2024). "Kentucky Climate Consortium Visioning Workshops to Increase Climate Collaboration and Engagement in Kentucky Higher Education." Student Sustainability Council, University of Kentucky.

Funding to support expert-moderated visioning workshops for the KYCC.

Primary Investigator. **$31,731.04**. (2023-2024). "Increasing Organizational Capacity of the Kentucky Climate Consortium to Support Transdisciplinary Approaches to Climate Research and Teaching." Sustainability Challenge Grant, University of Kentucky.

Funding to support administrative growth of the Kentucky Climate Consortium, development of an organizational website, and an inaugural one-day symposium on climate change in Kentucky.

Primary Organizer. **$1,000**. (2022-2023). "Media training for academics: How to give print and A/V interviews." Workshop Series Grant, Cooperative for the Humanities and Social Sciences, University of Kentucky.

Organized a half-day virtual media training workshop for academics led by the University of Nevada, Las Vegas Public Communication Initiative. Secured additional funding from research units and departments at the University of Kentucky to host 70 attendees.

Awards & Honors

Outstanding Article Award, conferred by the Conference on Community Writing for "To Community with Care" (co-authored with Rachel Bloom-Pojar, Cana Uluak Itchuaqiyaq, & Caroline Gottschalk Druschke) | 2023

Honorable Mention. Ellen Nold Best Article Award in *Computers and Composition* for "Surveilling Strangers: The Disciplinary Biopower of Digital Genre Assemblages" | 2021

Nominee. Excellent Undergraduate Research Mentor Award, University of Kentucky Office of Undergraduate Research | 2021

University of Kentucky, Office of Undergraduate Research

Plenary panelist. "Ethics and rhetoric in technical communication" at the Association of Teachers of Technical Writing Conference | March 14, 2018

Presentations & Posters

International

"Using Lessons from Engaged Research to Develop the Kentucky Climate Consortium." Conference on Communication and the Environment, International Environment Communication Association. Virtual. June 6-9, 2023.

"Evidence-based communication about waste management at a U.S. land-grant university." (Poster). Special Interest Group on Design of Communication, Association of Computing Machinery. Cambridge, MA. October 6-8, 2022.

"Participatory coalition building: Creating an anti-racist scholarly reviewing practices heuristic." (with Michelle Eble, Meredith Johnson, Nathan R. Johnson, Liz Lane, Temptaous Mckoy, Kristen R. Moore, Enrique Reynoso Jr., Emma J. Rose, Gpat Patterson, Fernando Sánchez, Michele Simmons, Erica Stone, Jason Chew Kit Tham & Rebecca Walton). Special Interest Group for Design of Communication, Association for Computing Machinery. Hybrid. October 12-14, 2021.

"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, antisemitism, 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

"When Technical Communication Competencies Come into Conflict: Complying with Competing Standards for Data Visualization and Accessibility." (with Meredith Johnson). Association of Teachers of Technical Writing Conference. Virtual. June 7-9, 2023.

"'Tweet like the wind, friends!': Building a Theory and Praxis of Conference Live-Tweeting." (Roundtable with Sweta Baniya, Chen Chen, Megan McIntyre, Temptaous Mckoy, Ruby Nancy, Patti Poblete). Computers and Writing Conference. Virtual. May 19-22, 2022.

"Rhetoric, ethics, and knowledge coproduction: Engaging with discourses of transdisciplinarity." (with William Haneberg). Rhetoric Society of America Conference. Baltimore, MD. May 26-29, 2022.

"Shifting the Locus of Expertise: Using human-centered design to engage non-traditional geoscience stakeholders in Appalachian Kentucky." (with William Haneberg). American Geophysical Union Conference. New Orleans, LA. December 13-17, 2021.

"Good relations." (Roundtable with Rachel Bloom-Pojar, Les Hutchinson Campos, Caroline Gottschalk Druschke, and Cana Uluak Itchuaqiyaq). Conference on Community Writing. Virtual. October 21-23, 2021.

"Engaging nontraditional stakeholders in geological communication." Association of Teachers of Technical Writing Conference. Virtual. June 7-11, 2021. (Rescheduled from 2020 due to COVID-19.)

"Science communication as dialogue, not monologue: Engaging underserved geological survey stakeholders in Appalachian Kentucky" (with William Haneberg, Alex Dillon, Sarah Mardon, & Maria Sanchez). American Geophysical Union Conference. Virtual. December 1-17, 2020.

"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. (Canceled due to COVID-19.)

"Boundaries of/for/with methodologies in rhetoric of science, technology, and medicine." Association for the Rhetoric of Science, Technology, and Medicine Preconference. Portland, OR. May 21, 2020. (Canceled due to COVID-19.)

"'Tweet like the wind, friends!': Building a theory and praxis of conference live-tweeting." Computers and Writing. Greenville, NC. May 14-17, 2020. (Canceled due to COVID-19.)

"Ethics of assessing oral presentations." Conference on College Composition and Communication. Milwaukee, WI. March 25-28, 2020. (Canceled due to COVID-19.)

"Evaluating and addressing climate and water awareness in Kentucky." National Communication Association Conference. Baltimore, MD. November 14-17, 2019.

"Building collaborations between non-formal educators and college classes: Best practices" (with Roberta Burnes of the Kentucky State Division for Air Quality). 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). 6th 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 conference. 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

"Adapting a path forward: Results & implications of a climate change needs assessment of Kentucky Cooperative Extension" (with Michael Corio, Amanda Gumbert, Ryan McCoy, Lee Moser, and Carmen Agouridis). Kentucky Water Resources Institute Annual Symposium. Lexington, KY. September 15, 2023.

"Evaluating and addressing climate awareness and water in Kentucky." Kentucky Water Resources Research Institute 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.

Invited Presentations

Series presentation. "The Kentucky Climate Oral History Project." Lunch and Learn series, University of Kentucky Office of the Vice President for Research. Scheduled for February 7, 2024.

Series lecture. "The Kentucky Climate Oral History Project." Climate Chats, Kentucky Climate Consortium. January 21, 2023.

Keynote. "13 ways of looking at climate change in Kentucky." Bluegrass Greensource Sustainability Summit. March 8, 2023.

Graduate colloquium lecture. "Bottling serendipity: Making an engaged transdisciplinary research agenda out of eclectic interests." Writing, Rhetoric, and Social Change Master's Program, Colorado State University. February 13, 2023.

Roundtable. "What is anti-racist reviewing and why is it necessary: A roundtable reflection." (with Liz Lane, Meredith A. Johnson, Nathan R. Johnson, Temptaous Mckoy, Kristen Moore, Fernando Sanchez, Michele Simmons, Erica M. Stone and Jason Tham). Rhetoric Society of America Conference. Baltimore, MD. May 26-29, 2022.

Interdisciplinary session on climate change (co-chaired with state climatologist Jerry Brotzge)*,* "The Kentucky Climate Consortium." Kentucky Academy of Sciences. November 12, 2022.

Seminar lecture, "The Kentucky Climate Consortium." Kentucky Geological Survey Annual Stakeholder Seminar. May 12, 2022.

Seminar lecture, "Engaging nontraditional geoscience information stakeholders in Appalachian Kentucky: Building capacity for science communication stakeholders in Appalachian Kentucky." Kentucky Geological Survey. Fully virtual. December 18, 2020.

Guest expert, "Issues of representation and participation in human subjects research [linked]" for the *Intermezzo* project "Following Mechanical Turks: Articulating the human in 'human intelligence tasks'" led by Nathaniel Rivers and Jeremy Tirell. Fully virtual. November 6, 2020.

Colloquium lecture, "Engaged technical and scientific communication: Rooting rhetorical research in place." University of Kentucky Department of Geography. Fully virtual. October 30, 2020.

Respondent, panel on "Strategies for environmental policy and political action." National Communication Association Conference. Baltimore, MD. November 14-17, 2019.

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.

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.

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

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 panelist. "Intentionally teaching composition: Navigating teacher identity and student agency." Bowie State University, November 3, 2021.

Guest lecture. Discussing article "The ethics of researching unethical images: A story of studying strangershots (or a story of trying to do good research without doing bad things)." Washington State University, October 7, 2021.

Guest lecture. Discussing article "The ethics of researching unethical images: A story of studying strangershots (or a story of trying to do good research without doing bad things)." ENG 713:

Research Methods in Rhetorics, Literacies, and Community Engagement, University of Wisconsin Milwaukee, April 14, 2021.

Guest panelist. WRIT 8520: Social Justice in Technical Communication, University of Minnesota, March 13, 2021.

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.

Public Media

Public Writing

Cagle, L. E., & Rose, E. J. (2022, September 21). An Anti-Racist Reviewing Heuristic. *Feeding the Elephant*. https://networks.h-net.org/node/1883/discussions/10964317/anti-racist-reviewing-heuristic

Mardon, S. M., Sanchez, M. E., **Cagle, L. E.**, & Haneberg, W. C. (2021, May 3). SciComm as Dialogue—Not Monologue—In Appalachian Kentucky. *The Plainspoken Scientist*. https://blogs.agu.org/sciencecommunication/2021/05/03/scicomm-as-dialogue-not-monologue-in-appalachian-kentucky/

Cagle, L. E., & Sizemore, M. (2020, August 18). Faculty in nearly every department support efforts to make 'Black Lives Matter' at UK. *Lexington Herald Leader*. https://www.kentucky.com/opinion/op-ed/article245027730.html

Public Lectures & Panels

*Public lecture, "*Climate Change and Water in Kentucky" (with Amanda Gumbert). Lexington Green Chalice programming, Lexington, KY. August 31, 2023.

*Public lecture, "*Climate change: What it is, how we know, and what we can do about it" (with Amanda Gumbert) Lexington Green Chalice programming, Lexington, KY. June 22, 2023.

Public lecture, "Civility and climate change: The ethics of talking about a scientific controversy." Kenton County Public Library Adult Programs, Florence, KY. April 21, 2023.

Public lecture, "13 ways of looking at climate change in Kentucky." Everything Is Science Week, Lexington, KY. February 21, 2023.

Moderator, Kentucky Climate Consortium multidisciplinary discussion panel. Crucial Terrain event series, led by Zoé Strecker. Transylvania University, Lexington, KY. May 4, 2022.

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, Las Vegas, NV. Recorded for distribution via local public radio. November 30, 2018.

Press Appearances

Podcast interview, The Agile Academic, hosted by Rebecca Pope-Ruark. "Lauren Cagle [linked]" Released March 22, 2022.

Interview about the purpose of higher education and labor conditions in academia.

Podcast interview, Pedagogue, hosted by Shane A. Woods. "Lauren Cagle [linked]" Released October 27, 2021.

Interview about the pedagogy of environmental rhetoric, climate communication, and disability studies.

Public radio interview, Sustainability Now!, Louisville, KY, Forward Radio. "Kentucky Climate Consortium [linked]" Broadcast April 13, 2020.

Interview about sustainability research, teaching, and service, with a particular focus on the Kentucky Climate Consortium.

Public radio interview, WEKU News. "University of Kentucky Groups Coordinating Appalachian Communication Project [linked]" Broadcast December 18, 2019.

Interview about collaborative research with the Kentucky Geological Survey supported by grant funding from the National Academies of Sciences.

Public radio interview, Spark, Canadian Broadcasting Corporation. "Why the trend of surveilling strangers online proves we are horrible: Posting embarrassing pictures of strangers is a way of policing individuality [linked]." Broadcast March 17, 2019.

Interview about *Computers & Composition* peer-reviewed article on "strangershots" for *Spark*, a CBC program about technology, innovation, and design.

Teaching

(* = developed curriculum; † = taught as service-learning course)

Graduate Teaching at the University of Kentucky

WRD 704   Technical Editing (online)*
WRD 702   Professional and Technical Communication (online)*
WRD 614   Visual Rhetoric (online)*

Undergraduate Teaching at the University of Kentucky

WRD 406   Advanced Technical Communication: Web Accessibility for Disabled Users (online)*†

WRD 406	Advanced Technical Communication: Designing and Communicating Complex Information*†
WRD 406	Advanced Technical Communication: Designing for Accessibility & Usability *†
WRD 401	Special Topics: I Can Haz Memes*
WRD 401	Special Topics: Rhetoric, Environmentalism, and Climate Change*
WRD 310	Writing in the Natural Sciences*
DST 310	Writing Markup (online)*
WRD 304	Writing in the Social Sciences (face-to-face and online)*
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)*†

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

"Digital document accessibility" (with Sherena Huntsman from Boise State University). Association of Teachers of Technical Writing, June 30, 2022.

"Communicating equitably: Making your digital materials accessible for everyone" (with Roberta Burnes from the Kentucky state government Division for Air Quality). Kentucky Association for Environmental Education, September 22, 2021.

Webinar series on digital accessibility; four webinars covering critical disability theory, data visualization accessibility, PowerPoint accessibility, and PDF accessibility (with Roberta Burnes from the Kentucky state government Division for Air Quality). Kentucky Division for Air Quality, April-July, 2021.

"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.

Service

Service to the Community

Speaker, Kentucky Humanities Speaker Bureau | 2022-present

> Competitively selected as a speaker on climate change and communication for the Kentucky Humanities organization, whose Speaker Bureau makes experts available to audiences across Kentucky.

Director & Co-Founder, Kentucky Climate Consortium (KYCC) | 2018-present

> 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 60+ members from 14 institutions state-wide.

Service-Learning Partnership, with Kentucky State Division for Air Quality | 2017 – present

> 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).

Panelist, Creative Crossover Panel on Usability hosted by local professional organizations Shift and LexUX | March 8, 2017

Service to the Profession

Contributing Author, "Anti-racist scholarly reviewing practices: A heuristic for editors, reviewers, and authors," adopted by 400+ individuals and 15+ academic journals and organizations, including the Editorial Board of the WAC Clearinghouse, the SIGDOC Executive Committee, the Council of Editors of Learned Journals, *Quarterly Journal of Speech*, and *College English*. | 2021

Leadership in Professional Organizations

Board of Directors, Association for the Rhetoric of Science, Technology, and Medicine | 2021-present

President, Association for the Rhetoric of Science, Technology, and Medicine | 2020-2021

First Vice President, Association for the Rhetoric of Science, Technology, and Medicine | 2019-2020

Second Vice President, Association for the Rhetoric of Science, Technology, and Medicine | 2018-2019

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

Editorial Board for Scholarly Journals

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

Conference Planning

Planning Committee Member, John P. Wyatt, MD Environment & Health Symposium at the University of Kentucky. Lexington, KY | April 22, 2022

Program Chair, Association for the Rhetoric of Science, Technology, and Medicine sponsored programming at the National Communication Association conference. Seattle, WA | November 18-21, 2021.

Planning Committee Member, Inclusive SciComm Symposium, Metcalf Institute at the University of Rhode Island. Fully virtual | October 14-16, 2021

Program Chair, Association for the Rhetoric of Science, Technology, and Medicine Preconference on "Social Justice" at the National Communication Association conference. Fully virtual | November 4-18, 2020

Program Co-Chair, Association for the Rhetoric of Science, Technology, and Medicine Preconference on "Rhetorics of Resilience" at the Rhetoric Society of America biennial conference, with Kenny Walker. Minneapolis, MN | May 30, 2018

Accessibility Committee Co-Chair, Conference on College Composition and Communication, with Ella Browning. Tampa, FL | 2015

Assistant to Program Chairs (Meredith Johnson and Julie Staggers), Association of Teachers of Technical Writing Conference, Indianapolis, IN | 2014

Service to National Organizations

Member, Executive Committee, Computers & Writing, Graduate Research Network | 2023- present

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

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

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

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

Reviewer for Book Manuscripts & Proposals
Broadview Press
Routledge
University of Colorado - Utah State University Press

Reviewer for Scholarly Journals (# reviews)
Business and Professional Communication Quarterly

Communication Design Quarterly

Computers and Composition

Engineering Studies

Journal of Business and Technical Communication

Reviews in Environmental Health

Rhetoric Society Quarterly

Science Communication

Science, Technology, & Human Values

Technical Communication

Technical Communication Quarterly

Writers: Craft & Context

Conference Proposal Selection Committees

Special Interest Group on Design of Communication, Association of Computing Machinery | 2023

Hawaii International Conference on System Sciences | 2022

Rhetoric Society of America | 2021

National Communication Association, Environmental & ARSTM Divisions | 2018-2020, 2022

Association for Rhetoric of Science, Technology, and Medicine Preconference at the Annual National Communication Association and Rhetoric Society of America Conferences | 2018-2021

Association of Teachers of Technical Writing annual conference | 2014, 2016-2020

Service to the University of Kentucky

University-Level Service

Senate Council Member, elected by University Senate faculty members to represent the College of Arts & Sciences | 2021-2022

Senator representing the College of Arts & Sciences, University Senate | 2021-2022

Member, Senate Retroactive Withdrawal Appeals Committee | 2021-2022

Chair, Emissions Reduction Plan Phase 2 Task Force "Communicating the Plan" Workgroup | 2020-2021

Faculty Representative, Emissions Reduction Plan Phase 2 Task Force | 2020-2021

Departmental Committees

Member, Undergraduate Studies Committee, Department of Writing, Rhetoric, & Digital Studies | 2023-current

Member, Department Chair Appointment Advisory Committee, Department of Writing, Rhetoric, & Digital Studies | Spring 2022, Spring 2023

Member, Steering and Undergraduate Curriculum Committee, Department of Writing, Rhetoric, & Digital Studies | 2019-2021

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

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

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

Search Committees

Member, Search & Reappointment Committee for Director, Environmental & Sustainability Studies Program, College of Arts & Sciences | 2020

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

Panels & Presentations

Panelist, Tenure and Promotion Panel, New Faculty Orientation, College of Arts and Sciences | August 16, 2023

Panelist, discussion of the film *The True Cost*, University of Kentucky Waste Reduction Week | 2021

Panelist, faculty writing panel for international graduate students, coordinated by Dr. Sharon Yam | February 14, 2020

Judge, Poster Competition, Kentucky Water Resources Research Institute Annual Symposium | March 25, 2019

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

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

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

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

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

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

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

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

Web Content Developer, General Education Program, 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

Graduate Mentoring

M.S. Committee Member, Logan Baker, University of Kentucky Department of Forestry and Natural Resources | 2022-present

Ph.D. Committee Member, Ryan McCoy, University of Kentucky Department of Philosophy | 2021-present

Ph.D. External Reader, Lindsey Kim, "Reconsidering plain language through rhetorical and humanistic perspectives: An examination of three case studies," University of South Carolina Department of English Language and Literature | 2021-present

Ph.D. Committee Member, P. Cooper Day, PhD, "The Forest for the Trees: How a Local Arboretum Shapes Rhetoric and Discourse Surrounding Environmentalism," University of Louisville Department of English, Rhetoric and Composition doctoral program | 2022-2023

Ph.D. Committee Member, Kailan Sindelar, PhD, "Rewilding with AR and VR: Facilitating care with photography in physically immersive apps," Clemson University Program in Rhetorics, Communication, and Information Design| completed 2022

M.A. Thesis Committee Member, Cee Byrd, "Composting and the metabolic rift," University of Kentucky Department of Geography | completed 2021

Dissertation Committee Member, Leslie Malland, PhD, "Death, discipline, and the dead: Biopolitical rhetoric in early modern English texts," University of Kentucky Department of English | completed 2021

Undergraduate Mentoring

Internship Mentor, Gail Wallace | 2023-present

Intern for the Kentucky Climate Consortium, funded through the University of Kentucky Office of Sustainability, Student Sustainability Council, and Department of Writing, Rhetoric, and Digital Studies

Research Internship Mentor, Michael Corio | 2023-present

Research intern for the Kentucky Cooperative Extension Services Climate Education Project, funded by the University of Kentucky College of Agriculture, Food, and the Environment

Internship & Research Mentor, Rachel Henry | 2021-2023

Intern for the Kentucky Climate Consortium, funded through the University of Kentucky Office of Sustainability and Student Sustainability Council
Received $3000 Summer Undergraduate Research Fellowship, University of Kentucky College of Arts & Sciences, Summer 2022

Honors Thesis Advisor & Research Mentor, Madeline Williams, "Loneliness during mass social isolation" | 2020

Received $2000 Office of Undergraduate Research Summer Fellowship, Summer 2020
Accepted to present thesis research at the National Council on Undergraduate Research Annual Conference, fully virtual, April 12-14, 2021
Awarded a Fulbright-MITACS Globalink Research Internship, 2021 (link to story here).

Research Mentor, Maria Sanchez, research assistant funded by the Kentucky Water Resources Research Institute, the University of Kentucky Office of the Vice President for Research, and the National Academies of Sciences, Engineering, and Medicine | 2018-2021

Research Mentor, Amanda Breseman, research assistant funded by the Kentucky Water Resources Research Institute and the University of Kentucky Office of the Vice President for Research | 2018-2020

Research Mentor, Stephani Lopez, research assistant funded by the University of Kentucky Office of the Vice President for Research | 2018-2020

Research Mentor, Ashley Mayes, 3-credit independent research project in collaboration with The Arboretum, State Botanical Garden of Kentucky | 2020

Research Mentor, LJ McAllister, 3-credit independent research project | 2020

Honors Mentor, Brianna Stanley, 3-credit honors independent research project developing a campus sustainability magazine, *Sustainability Stories* | 2020

Honors Thesis Advisor, Kate Heinonen | 2018-2019

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

Seminars, Institutes, & Workshops Attended

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.

Memberships

Association for Computing Machinery SIG on Design of Communication (ACM SIGDOC)

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

Association of Teachers of Technical Writing (ATTW)

Kentucky Academy of Science (KAS)

Kentucky Association for Environmental Education (KAEE)

International Environmental Communication Association (IECA)

National Communication Association (NCA)

Rhetoric Society of America (RSA)