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Academic Appointments

2020–present	Associate Professor (tenured), English Language & Literature, University of Waterloo
2015–2020	Assistant Professor (tenure-track), English Language & Literature, University of Waterloo
2014–2015	Assistant Professor (tenure-track), Brian Lamb School of Communication, Purdue University

Education

2010–2014	Ph.D., Communication, Rhetoric, & Digital Media, North Carolina State University
2008-2010	M.A., Rhetoric and Communication Design, University of Waterloo
2005-2008	B.A., English Literature and Rhetoric, University of Waterloo

Grants, Awards, and Honours

Grants and Sponsored Research

Program	Role	Project	Funding	Status
NSERC Science Communication Skills Grant	PI	RCIScience-UWaterloo Science Communication Certificate	19,485 CAD	active, 2020-21
UW/SSHRC Robert Harding & Lois Claxton Humanities and Social Sciences Grant	PI	Genre Across Borders	6,590 CAD	active, 2020–2022
SSHRC Insight Grant	Collaborator	Engaging Science with Philosophy: Best Practices for Fostering Effective Collaboration	188,179 CAD	active, 2020-25
SSHRC Insight Grant	PI	Networked Expertise as a Novel Approach to Complex Problem Solving	73,676 CAD	active, 2018-22
Ministry of Research, Innovation, and Science Early Researcher Award	PI	Networked Expertise as a Novel Approach to Complex Problem Solving	140,000 CAD	active, 2017-22
CFI-JELF/ORF	Co-PI	UW Virtual Reality Storytelling Lab	70,000 CAD	closed, 2017
UW/SSHRC Seed Grant	PI	Networked Expertise in Multidisciplinary STEM Collaborations	3,940 CAD	closed, 2015-18
SSHRC Insight Grant	Collaborator	Computational Rhetoric: Schemes, Construction Grammar & Cognition	151,331 CAD	closed, 2015-17

SSHRC Connection Grant	Co-PI	Computational Rhetoric Workshop II	6,238 CAD	closed, 2016
Purdue Margo Katherine Wilke Undergraduate Research Internship	PI	Innovative Science Communication Practices	1,000 USD (500 for student)	closed, 2015
Purdue Exploratory Research in the Social Sciences Grant	PI	Networked Expertise in Multidisciplinary STEM Collaborations	15,510 USD	closed†, 2014-15
Research Initiative Grant	PI	Hacking Science: Grassroots Organizing and Networked Expertise	2,174 USD	closed†, 2014-15
Purdue Margo Katherine Wilke Undergraduate Research Internship	PI	Innovative Science Communication Practices	1,000 USD (500 for student)	closed, 2014
Research in Motion Corporate Philanthropy	PI	NC State Rhetoric Society of America Student Chapter	500 CAD	closed, 2011

†funds not spent and returned because I moved institutions.

Honours and Research Awards

Honour/Award	Organization	Year
Fellows' Early Career Award	Rhetoric Society of America	2020
Outstanding Performance Award (for 2019)	University of Waterloo	2020
Top Papers Panel (members consist of the highest ranked papers in the division)	Association for the Rhetoric of Science, Technology, and Medicine	2018
CRDM Distinguished Alumni Award	Communication, Rhetoric, and Digital Media at North Carolina State University	2018
Honourable Mention, Nell Ann Pickett Award for "Crowdfunding Science" (2017)	Association of Teachers of Technical Writing	2018
Outstanding Performance Award (for 2016)	University of Waterloo	2017
Joan Pavelich Award for Best Dissertation	Canadian Association for the Study of Discourse and Writing	2015
Outstanding Dissertation Award in Technical Communication	NCTE/CCCC	2015
College of Humanities and Social Sciences Dissertation Award	North Carolina State University	2014
Nominated CGS/ProQuest Social Sciences Distinguished Dissertation Award	North Carolina State University College of Humanities and Social Sciences	2014
Best Research Article on Rhetoric, Writing Studies or Discourse Studies for "Risk, Regulation, and Rhetorical Boundaries" (2013)	Canadian Association for the Study of Discourse and Writing	2014
Winner Graduate Student Research Symposium (Humanities & Design, 3rd place)	North Carolina State University	2012
Best Graduate Student Paper Competition & Design	Association for Computing Machinery Special Interest Group on Design of Communication	2009
Graduate Student Competition (Honourable Mention)	New York College English Association	2009

Publications

<u>Books</u>

[2] **Mehlenbacher, A. R.** (2022). *On Expertise: Cultivating Character, Goodwill, and Practical Wisdom.* University Park, PA: Penn State University Press. 208pp. ISBN: 978-0-271-09277-5.

[1] **Mehlenbacher, A. R.** (2019). *Science Communication Online: Engaging Experts and Publics on the Internet.* Columbus, OH: The Ohio State University Press. 200pp. ISBN 978-0-814-21398-8. Available online (CC BY-NC-ND license): https://kb.osu.edu/handle/1811/87159.

 ↪ Reviewed by Mitchell, S. S. D. (2020). *Canadian Journal of Communication, 45*(2).

 ↪ Reviewed by Roundtree, J. (2020). *Southern Journal of Communication, 85*(3): 207-208.

 ↪ Reviewed by Buntrock, R. E. (December 2019). *CHOICE: A publication of the Association of College and Research Libraries*, 57(4).

<u>Edited Book</u>

[1] Miller, C. R., & **Kelly [now Mehlenbacher], A. R.** (Eds.). (2017). *Emerging Genres in New Media Environments.* London, UK: Palgrave Macmillan. 308pp. ISBN: 978-3-319-40295-6.

 ↪ Reviewed by Smith, T. S. (2020). *Canadian Journal for Studies in Discourse and Writing/Rédactologie, 30,* 323–327.

 ↪ Reviewed by Hinson, K. (2018). *Technical Communication Quarterly, 27*(4), 380–385.

<u>Edited Special Issue</u>

[1] Kittle Autry, M., & **Kelly [now Mehlenbacher], A. R.** (2012). Eds. Computers and Writing Special Issue: Architexture. *Enculturation: A Journal of Rhetoric, Writing, and Culture 14.*

<u>Journal Articles (an underline indicates student co-authors)</u>

[20] Mehlenbacher, B. & **Mehlenbacher, A. R.** (2021). The Rhetoric of Big Data: Collecting, Interpreting, and Representing in the Age of Datafication. *POROI: An Interdisciplinary Journal of Rhetorical Analysis and Invention.*

[19] **Mehlenbacher, A. R.** (2021). Genre Across Borders. *Rhetor, the Journal of the Canadian Society for the Study of Rhetoric, 8*(1), 80–85.

[18] <u>Moriarty, D.</u>, & **Mehlenbacher, A. R.** (2019). The Coaxing Architecture of Reddit's r/science: Adopting Ethos-assessment Heuristics to Evaluate Science Experts on the Internet. *Social Epistemology, 33*(6), 514–524. DOI: 10.1080/02691728.2019.1637964.

[17] **Mehlenbacher, A. R.** (2019). Registered Reports: An Emerging Scientific Research Article Genre. *Written Communication, 36*(1), 38–67. DOI: 10.1177/0741088318804534.

[16] <u>Moriarty, D.</u>, <u>Núñez de Villavicencio, P.</u>, <u>Black, L. A.</u>, <u>Cai, H.</u>, <u>Bustos, M.</u>, Mehlenbacher, B., and **Mehlenbacher, A. R.** (2019). Durable Research, Portable Findings: Rhetorical Methods in Case Study Research. *Technical Communication Quarterly, 28*(2), 124–136. DOI: 10.1080/10572252.2019.1588376.

[15] Fargo Ahern, K., & **Mehlenbacher, A. R.** (2018). Listening for Genre Multiplicity in Classroom Soundscapes. *Enculturation: A Journal of Rhetoric, Writing, and Culture, 26.* 22pp. Available online: http://enculturation.net/listening-for-genre-multiplicity.

[14] **Mehlenbacher, A. R.** (2017). Rhetorical Figures as Argument Schemes—The Proleptic Suite. *Argument & Computation, 8*(3), 233–252. DOI: 10.3233/AAC-170028.

[13] **Mehlenbacher, A. R.** (2017). Crowdfunding Science: Exigencies and Strategies in an Emerging Genre of Science Communication. *Technical Communication Quarterly, 26*(2), 127–144. DOI: 10.1080/10572252.2017.1287361

[12] **Mehlenbacher, A. R.**, & Harris, R. A. (2017). A Figurative Mind: Gertrude Buck's *The Metaphor* as a Nexus in Cognitive Metaphor Theory. *Rhetorica: A Journal of the History of Rhetoric, 35*(1), 75–109. DOI: 10.1525/rh.2017.35.1.75.

[11] Brock, K., & **Mehlenbacher, A. R.** (2017). Rhetorical Genres in Code. *Journal of Technical Writing and Communication, 48*(4), 383–411. DOI: 10.1177/0047281617726278.

[10] Mehlenbacher, B., **Kelly [now Mehlenbacher], A. R.**, Kampe, C., & Kittle Autry, M. (2017). Instructional Design for Online Learning Environments and the Problem of Collaboration in the Cloud. *Journal of Technical Writing and Communication, 48*(2), 199–221. DOI: 10.1177/0047281616679112.

[9] Kampe, C., **Mehlenbacher, A. R.**, & Hartzog, M. (2017). Ecological Endgames: Ludic Representations of Anthropocene. *Ethos: A Digital Review of Arts, Humanities, and Public Ethics. 3*(2), 4–24.

[8] Miller, C. R., Walsh, L., Wynn, J., **Kelly [now Mehlenbacher], A. R.**, Walker, K. C., White, W. J., Winderman, E., & 27 contributing authors. (2016). The Great Chain of Being: Manifesto on the Problem of Agency in Science Communication. *POROI: An Interdisciplinary Journal of Rhetorical Analysis and Invention, 12*(1), 1–8. DOI: 10.13008/2151-2957.1246.

[7] **Kelly [now Mehlenbacher], A. R.**, & Maddalena, K. (2016). Networks, Genres, and Complex Wholes: Citizen Science and How We Act Together Through Typified Text. *Canadian Journal of Communication, 41*(2), 285–301.

[6] Mehlenbacher, B., Kittle Autry, M., & **Kelly [now Mehlenbacher], A. R.** (2015). Instructional Design for STEM-based Collaborative, Co-located Classroom Composition. *IEEE Transactions on Professional Communication, 58*(4), 396–409. DOI: 10.1109/TPC.2016.2517538.

[5] **Kelly [now Mehlenbacher], A. R.**, & Maddalena, K. (2015). Harnessing Agency for Efficacy: 'Foldit' and Citizen Science. *POROI: An Interdisciplinary Journal of Rhetorical Analysis and Invention, 11*(1), 1–20. DOI: 10.13008/2151-2957.1184.

[4] **Kelly [now Mehlenbacher], A. R.**, Miller, C. R., Fanning, S., Kessler, M., Graham, S. S., & Card, D. (2015). Expertise and Data in the Articulation of Risk. *POROI: An Interdisciplinary Journal of Rhetorical Analysis and Invention, 11*(1), 1–9. DOI: 10.13008/2151-2957.1224.

[3] **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (2013). Access, Accommodation, and Science: Knowledge in an 'Open' World. *First Monday, 18*(6). DOI: 10.5210/fm.v18i6.4341.

[2] Kinsella, W. J., **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (2013). Risk, Regulation, and Rhetorical Boundaries: Claims and Challenges Surrounding a Purported Nuclear Renaissance. *Communication Monographs, 80*(3), 278–301. DOI: 10.1080/03637751.2013.788253.

[1] Kittle Autry, M., & **Kelly [now Mehlenbacher], A. R.** (2012). Merging Duke Energy and Progress Energy: Online Public Discourse, Post-Fukushima Reactions, and the Absence of Environmental Communication. *Environmental Communication, 6*(2), 278–284. DOI: 10.1080/17524032.2012.672444.

Book Chapters

[14] **Mehlenbacher, A. R.** (in preparation, anticipated 2023). Metaphorology. In D. M. Gross, S. Mailloux, & L. Mao (Eds.), *Cambridge History of Rhetoric: Volume V 1900–*. Cambridge, UK: Cambridge University Press.

[13] **Mehlenbacher, A. R.** (in preparation, anticipated 2022). Proleptic Suite. In J. Fahnestock & R. A. Harris (Eds.), *Routledge Handbook on Language and Persuasion*. New York, NY: Routledge.

[12] Mehlenbacher, B., & **Mehlenbacher, A. R.** (forthcoming 2022). Peer Review in Scientific Publishing. In C. Hanganu-Bresch, M. Zerbe, G. Cutrufello, & S. Maci (Eds.), *The Routledge Handbook of Scientific Communication*. New York, NY: Routledge.

[11] **Mehlenbacher, A. R.,** & Mehlenbacher, B. (2020). Rogue Rhetorical Actors: Scientists and the Social Action of Tweeting Climate Change Facts. In S. Auken & C. Sunesen (Eds.), *Genre in the Climate Debate* (pp. 179–193). Berlin, Germany: Mouton–De Gruyter Open Poland.

[10] Mehlenbacher, B. & **Mehlenbacher, A. R.** (2020). Distance Learning. In A. Tatnall (Ed.), *Encyclopedia of Education and Information Technologies* (pp. 612–622). New York, NY: Springer. DOI: 10.1007/978-3-319-60013-0_66-1.

[9] **Mehlenbacher, A. R.** (2019). Exploring Conversations about Science in New Media. In L. Olman & D. Gruber (Eds.), *Routledge Handbook of Language and Science* (pp. 333–343). New York, NY: Routledge.

[8] **Mehlenbacher, A. R.**, & Mehlenbacher, B. (2019). The Case of the Scientific Research Article and Lessons Concerning Genre Change Online. In M. J. Luzón & C. Pérez-Llantada (Eds.), *Science Communication on the Internet* (pp. 41-57). Amsterdam, The Netherlands: John Benjamins.
↪ *Science Communication on the Internet* won the 2021 Enrique Alcáraz Research Award from the Asociación Europea de Lenguas para Fines Específicos.

[7] **Mehlenbacher, A. R.**, & Maddalena, K. (2019). Networks, Genres, and Complex Wholes: Citizen Science and How We Act Together Through Typified Text. In R. A. Harris (Ed.). *Landmark Essays on the Rhetoric of Science: Issues and Methods*. (16 pp.). New York, NY: Routledge. *****Reprint** of Kelly & Maddalena (2016) in the *Canadian Journal of Communication*.

[6] **Mehlenbacher, A. R.**, & Miller, C. R. (2018). Intersections: Scientific and Parascientific Communication on the Internet. In R. A. Harris (Ed.). *Landmark Essays on the Rhetoric of Science: Case Studies*, 2nd edition. Routledge. *****Reprint** of Kelly & Miller (2016) in A. Gross & J. Buehl (Eds.), *Science and the Internet: Communicating Knowledge in a Digital Age.*

[5] **Kelly [now Mehlenbacher], A. R.** (2016). Emerging Genres of Science Communication and their Ethical Exigencies. In B. Vanacker & D. Heider (Eds.), *Ethics for a Digital Age* (pp. 3–18). New York, NY: Peter Lang.

[4] Miller, C. R., & **Kelly [now Mehlenbacher], A. R.** (2016). Discourse Genres. In A. Rocci & L. de Saussure (Eds.), *Verbal Communication* (pp. 269–286). Berlin, Germany: Mouton–De Gruyter. DOI: 10.1515/9783110255478-015.

[3] **Kelly [now Mehlenbacher], A. R.**, & Miller, C. R. (2016). Intersections: Scientific and Parascientific Communication on the Internet. In A. Gross & J. Buehl (Eds.), *Science and the Internet: Communicating Knowledge in a Digital Age* (pp. 221–245). Amityville, NY: Baywood Press.

[2] Kinsella, W. J., **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (2015). Articulating Resistance to Nuclear Power: Local Tactics and Strategic Connections in a Nuclear Construction Financing Controversy. In M. S. Meisner, N. Sriskandarajah, & S. P. Depoe (Eds.), *Communication for the Commons Revisiting Participation and Environment* (pp. 332–345). International Environmental Communication Association.

[1] **Kelly [now Mehlenbacher], A. R.**, Kittle Autry, M., & Mehlenbacher, B. (2014). Considering Chronos and Kairos in Digital Media Rhetorics. In G. Verhulsdonck & M. Limbu (Eds.), *Digital Rhetoric and Global Literacies: Communication Modes and Digital Practices in the Networked World* (pp. 226–246). Hershey, PA: IGI Global.

Refereed Conference Proceedings

[6] Harris, R. A., Di Marco, C., **Mehlenbacher**, A. R., Clapperton, R., Choi, I., Li, I., Ruan, S, & O'Reilly, C. (2017). A Cognitive Ontology of Rhetorical Figures. *Society for the Study of Artificial Intelligence and Simulation of Behaviour's (AISB) Cognition And Ontologies workshop*. Bath, UK: AISB, 224–231.

[5] Mehlenbacher, B., & **Kelly [now Mehlenbacher], A. R.** (2015). Assessing Student Learning: Research-based Rubrics and Evaluation Instruments for Measuring Technology-augmented Learning. *Proceedings for the International Technology, Education and Development Conference*. Madrid, Spain, 7715–7724.

[4] **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (2011). A Humanistic Approach to the Study of Social Media: Combining Social Network Analysis and Case Study Research. *Proceedings for the 29th Association for Computing Machinery (ACM) International Conference on Design of Communication*. Pisa, Italy: ACM, 257–260. 10.1145/2038476.2038525

[3] **Kelly [now Mehlenbacher], A. R.**, Abbott, N., Harris, R. A., & DiMarco, C. (2010). Toward an Ontology of Rhetorical Figures. *Proceedings for the 28th Association for Computing Machinery (ACM) International Conference on Design of Communication*. São Carlos-São Paulo, Brazil: ACM, 123–130. DOI: 10.1145/1878450.1878471

[2] **Kelly [now Mehlenbacher], A. R.**, Wallace, J., Cerar, K. Randall, N., McClelland, P., Seto, A. M., & Scott, S. D. (2010). Solar Scramble: An Educational Children's Game for Collaborative Multi-touch Digital Tabletops. *Proceedings for the 28th Association for Computing Machinery (ACM) International Conference on Design of Communication*. São Carlos-São Paulo, Brazil: ACM, 27–32. DOI: 10.1145/1878450.1878455

[1] **Kelly [now Mehlenbacher], A. R.**, McDougall, A., & Abbott, N. (2009). Rhetorical Models for Computational Systems. *Proceedings for the 27th Association for Computing Machinery (ACM) International Conference on Design of Communication*. Bloomington, IN: ACM, 155–162. DOI: 10.1145/1621995.1622025

Other Publications/Commentaries

[5] Fargo Ahern, K., & **Mehlenbacher, A. R.** (2019). Listening to New Voices: Silence, Repair, Hybridity. *International Journal of Listening* 33(3), 168–172. DOI: 10.1080/10904018.2019.1626732 **Invited**.

[4] **Mehlenbacher, A. R.** (2019). Registered Reports: An Emerging Scientific Research Article Genre. *Written Communication Podcast*. **Invited**.

[3] Mehlenbacher, B. & **Mehlenbacher, A. R.** (2017). Finding the Common Culture: Uniting Science and the Humanities in Citizen Science. *Discover Magazine's* "Citizen Science Salon."

[2] **Kelly [now Mehlenbacher], A. R.**, & Pitts, E. (2014). Public Participation in Science: A Phronetic Expertise in Scientific Research and Deliberation. *Committee on the Anthropology of Science, Technology, and Computing*. **Invited**.

[1] Kinsella, W. J., **Kelly [now Mehlenbacher], A. R.** & Kittle Autry, M. (2013). "Public Voices and Energy Choices: Citizens speak out at the North Carolina Utilities Commission." *Communication Currents* 8.5. **Invited**.

Other Publications/Book Reviews and Review Essays (underline indicates student co-authors)

[8] **Mehlenbacher, A. R.** (2020). Review: *Science By the People: Participation, Power, and the Politics of Environmental Knowledge*, by Aya Hirata Kimura and Abby Kinchy. *Science Connected Magazine*.

[7] **Mehlenbacher, A. R.** (2019). Review: *Radiation Brain Moms and Citizen Scientists: The Gender Politics of Food Contamination after Fukushima*, by Aya Hirata Kimura. *SciStarter*. Republished in *Science Connected Magazine*.

[6] Griffin, D. B., Black, L. A., Balbon, A. P., & **Mehlenbacher, A. R.** (2019). Book Review Essay: Tales of Tiger Beetles and Other Citizen Sciences. *East Asian Science, Technology and Society, 13*(2), 323–330. DOI: 10.1215/18752160-7543073 **Invited.**

[5] **Mehlenbacher, A. R.** (2017). Review: *Citizen Science: How Ordinary People Are Changing the Face of Discovery* by Caren Cooper. *Discover Magazine* Citizen Science Salon. **Invited.**

[4] **Mehlenbacher, A. R.** (2017). Review: *Diary of a Citizen Scientist* by Sharman Apt Russell. *Discover Magazine* Citizen Science Salon.

[3] **Kelly [now Mehlenbacher], A. R.** (2016). Review of *Innovations in Home Energy Use: A Sourcebook for Behavior Change*, Southwell, B. G., Doran, E. M. B., Richman, L. S. (Eds.). Research Triangle Park, NC: RTI Press. *Energy Research & Social Science.* DOI: 10.1016/j.erss.2016.04.003. **Invited.**

[2] **Kelly [now Mehlenbacher], A. R.** (2015). Review: *On the Frontier of Science: An American Rhetoric of Exploration and Exploitation* by Leah Ceccarelli and *Scientists as Prophets: A Rhetorical Genealogy* by Lynda Walsh. *Technical Communication Quarterly, 24*(2), 188–191. DOI: 10.1080/10572252.2014.1001639. **Invited.**

[1] **Kelly [now Mehlenbacher], A. R.** (2011). Book Review Essay: Persuasion, Emotion, and Interdisciplinarity. A Review of Two Perspectives. *The Communication Review, 14*(4), 321–325. DOI: 10.1080/10714421.2011.624035

Other Publications/Knowledge Mobilization (an underline indicates student co-authors)

[16] **Mehlenbacher, A. R.**, & Mehlenbacher, B. (14 October 2020). Q and A with the experts: trusting public figures during COVID-19. University of Waterloo *Daily Bulletin*.

[15] Armstrong, C., Moriarty, D., **Mehlenbacher, A. R.**, & Mehlenbacher, B. (5 May 2020). Science and health communication during COVID-19. Words in Place: English@Waterloo. Available online: https://englishatwaterloo.wordpress.com/2020/05/05/science-and-health-communication-during-covid-19/

[14] **Mehlenbacher, A. R.**, Balbon, P. A., & Griffin, D. B. (2 December 2019). Lessons from Aristotle for Synthetic Biologists. *PLOS Synbio Community.* Public Library of Science Blog Network.

[13] **Mehlenbacher, A. R.** (22 September 2019). Communicating science online increases interest, engagement and access to funds. *The Conversation.* Republished in *University Affairs.*

[12] **Kelly [now Mehlenbacher], A. R.** (5 June 2014.). Distribution of Air Pollutants and Grassroots Monitoring. *Discover Magazine's* "Citizen Science Salon."

[11] **Kelly [now Mehlenbacher], A. R.** (2 May 2014). WEIRD Behavioral Research. PLOS *Citizen Sci.*
↪ Republished (3 May 2014) in *SciStarter* as Making Science Less WEIRD.

[10] **Kelly [now Mehlenbacher], A. R.** (3 February 2014). Homebrew Sensing Project: DIY Environmental Monitoring. *SciStarter*.
↪ Republished (04 February 2014) in PLOS *Citizen Sci.*

[9] **Kelly [now Mehlenbacher], A. R.** (27 September 2013). Fraxinus to Fight Fungus. *SciStarter*.

[8] **Kelly [now Mehlenbacher], A. R.** (04 August 2013). More Gills or Eyes? The Purported Increase of Sevengill Shark Populations off the Coast of San Diego. *SciStarter*.
↪ Republished (15 August 2013) in PLOS *Citizen Sci.*
↪ Republished (28 July 2017) in *Discover Magazine's* "Citizen Science Salon" & *Scistarter.*

[7] **Kelly [now Mehlenbacher], A. R.** (9 July 2013). Citizen Science and Art: Exploring Biohackers and Bioartists. PLOS *Citizen Sci.*
↪ Republished (18 July 2013) in *SciStarter*.

[6] **Kelly [now Mehlenbacher], A. R.** Music, Mayans, Maps: Citizen Science and the Digital Humanities. PLOS *Citizen Sci*. 3 June 2013.

[5] **Kelly [now Mehlenbacher], A. R.** Hackerspaces and Hacking Science. PLOS *Citizen Sci*. 6 May 2013. ↪ Republished (9 December 2013) on Universidad Autónoma de Nuevo León's *Reporte Ciencia* (Science Report)

[4] Walker, K., Naidu, A., & **Kelly [now Mehlenbacher], A. R.** (1 April 2013). International Citizen Science for Indian Tiger Conservation. PLOS *Citizen Sci.*

[3] **Kelly [now Mehlenbacher], A. R.** (7 February 2013). Science and Society: Voices from the Humanities and Social Sciences. PLOS *Citizen Sci.*

[2] **Kelly [now Mehlenbacher], A. R.** (7 January 2013). Citizen Science in Crisis Situations. PLOS *Citizen Sci.*

[1] **Kelly [now Mehlenbacher], A. R.** (2013). South Carolina (utilities, energy sources and transmission). In M. A. Pierce (Ed.). *Encyclopedia of Energy*. Vol. 4. Salem Press. 1167–1168.

Presentations

Invited Presentations

[21] **Mehlenbacher, A. R.** (4 June 2021). Burkean Parlour on Disinformation. *RhetCanada 2021: Meeting of the Canadian Society for the Study of Rhetoric*. 2021 Congress of the Humanities and Social Sciences, Edmonton, Alberta, Canada. Opening remarks.

[20] **Mehlenbacher, A. R.** (4 June 2021). "Specialized genres online" panel with Ron Darvin (The Chinese University of Hong Kong), Rodney Jones (University of Reading), Carmen Pérez-Llantada (University of Zaragoza), and Paul Prior (University of Illinois) and, Christoph Hafner (Chair, City University of Hong Kong). *LSPPC6 - The 6th International Conference of the LSP & Professional Communication Association*. City University of Hong Kong, Hong Kong. Panel.

[19] **Mehlenbacher, A. R.** (13 February 2021). "Genre-ing Activities and Science Communication Online." *Language Sciences Undergraduate Research Conference Committee*. Language Sciences and the Speech and Linguistics Student Association at the University of British Columbia, Vancouver, British Columbia, Canada. Plenary talk.

[18] **Mehlenbacher, A. R.** (4 December 2020). "Communicating about Health and Safety Benefits and Privacy Risks in COVID-19 Contact Tracing Tracking Apps." *Data and Privacy During a Global Pandemic Conference*. University of Waterloo, Waterloo, Ontario, Canada. Panel.

[17] **Mehlenbacher, A. R.** (3 September 2020). "Expertise and *Ethos* in Communicating Science Online." *Seminar Series for the Evolution, Ecology and Organismal Biology Department*. The Ohio State University, Columbus, Ohio, USA. Guest speaker.

[16] **Mehlenbacher, A. R.** (7 February 2020). "Communicating Science Online: Experts, Citizens, and Trust." *Speaker Series for the Department of Biology*. University of Waterloo, Waterloo, Ontario, Canada. Guest speaker.

[15] **Mehlenbacher, A. R.** (30 November 2018). "Science Communication Online: Genre, Genre-ing Activities, and Genre Change on the Internet." *Speaker Series for the School of Linguistics and Language Studies*. Carleton University, Ottawa, Ontario, Canada. Guest speaker.

[14] **Mehlenbacher, A. R.** (13 September 2018). "Emerging Genres of Science Communication Online." *Genres and Media Landscapes in Virtual-physical Learning Spaces*. Jönköping University, Smaland, Sweden. Plenary talk.

[13] **Mehlenbacher, A. R.** (17 May 2018). "STEAM Behind the Scenes: How Scientists Evaluate Expertise Across Science, Technology, Engineering, Arts, and Math Initiatives." *Royal Canadian Institute for Science*. Waterloo Public Library, Waterloo, Ontario, Canada. Public lecture.

[12] **Mehlenbacher, A. R.** (5 October 2017). "Citizen Science and Social Action: Networked Expertise as a Novel Approach to Complex Problem Solving." *Royal Canadian Institute for Science*. Central Library, Mississauga, Ontario, Canada. Public lecture.

[11] **Mehlenbacher, A. R.** (24 May 2017). "#GameofGov Gamification Workshop" (panelist). *Federal Youth Network*. Canada School of Public Service, Toronto, Ontario, Canada. Panel.

[10] **Kelly [now Mehlenbacher], A. R.** (24 November 2016). "Science Communication Online." Speakers' Series for the MA Program in Humanities, Laurentian University, Sudbury, Ontario, Canada. Guest speaker.

[9] **Kelly [now Mehlenbacher], A. R.** (25 May 2016). "Social Media and New Forms of Professional Communication." Southwestern Ontario Chapter Society for Technical Communication, Kitchener, Ontario, Canada. Guest speaker.

[8] **Kelly [now Mehlenbacher], A. R.** (26 February 2016). "Trans-science and the Limits of Disciplinarity" *Knowledge Integration Seminar Series*. Department of Knowledge Integration, University of Waterloo, Waterloo, Ontario, Canada. Guest speaker.

[7] **Kelly [now Mehlenbacher], A. R.** (12 February 2016). "Trans-scientific Genres: Emerging Genres of Science Communication." *Speaking of Science*, University of North Carolina at Wilmington, Wilmington, North Carolina, USA. Guest speaker.

[6] **Kelly [now Mehlenbacher], A. R.**, & Mehlenbacher, B. (28 January 2016). "Hacker-Scientists, Hackerspaces, and Innovative Instructional Practices in STEM Education." *Critical Media Lab Salon Series*, Critical Media Lab, University of Waterloo, Waterloo, Ontario, Canada. Guest speaker.

[5] **Kelly [now Mehlenbacher], A. R.** (3 December 2015). "Citizen Science Games and Player Agency." *GI Brown Bag Series*, The Games Institute, University of Waterloo, Waterloo, Ontario, Canada. Guest speaker.

[4] **Kelly [now Mehlenbacher], A. R.** (12 March 2015). "Trans-scientific Genres: Emerging Genres of Science Communication." *Illuminations Lecture Series*, Philosophy and Literature Program, Purdue University, West Lafayette, Indiana, USA. Guest speaker.

[3] **Kelly [now Mehlenbacher], A. R.** (20 October 2013). "Is Rhetoric the Missing Piece of Your Writing Puzzle?" *Literature Review HQ*. Podcast interview and discussion.

[2] **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (27 June 2012). "The Open Access Imperative: The Right to Read." Genre 2012 Roundtable: Supporting genre research dialogues across disciplines. *Genre 2012: Rethinking Genre 20 Years Later*. Ottawa, Ontario, Canada.

[1] **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (19 April 2012). "Communication Patterns on Twitter.com in Response to Duke-Progress Energy Merger." *Progress Energy Corporate Communication Department*. Progress Energy, Raleigh, North Carolina, USA.

Conference Presentations (an underline indicates student co-authors)

[62] Moriarty, D., Griffin, D. B., & **Mehlenbacher, A. R.** (10 June 2021; originally cancelled in June 2020 due to COVID–19 pandemic). We're Experts in Online Science Communication Genres. Ask Us Anything About r/science AMAs! *Canadian Association for the Study of Discourse and Writing*. University of Alberta, Edmonton, Alberta, Canada. Conference held online due to COVID–19 pandemic.

[61] Balbon, P. A., Sharif, A., & **Mehlenbacher, A. R.** (4 June 2021; originally cancelled in June 2020 due to COVID–19 pandemic). "Bogus Experts and the Involvement of Heuristics When Assessing Expertise." *Canadian Society for the Study of Rhetoric*. University of Alberta, Edmonton, Alberta, Canada. Conference held online due to COVID–19 pandemic.

[60] **Mehlenbacher, A. R.** (June 2020; cancelled). "The Expert and Her Virtues." *Canadian Society for the History and Philosophy of Science.* Western University, London, Ontario, Canada. Conference subsequently cancelled due to COVID–19 pandemic.

[59] **Mehlenbacher, A. R.** (June 2020; cancelled). "Character and Prudence in the Rhetorical Construction of Expertise." *Canadian Society for the Study of Rhetoric*. Western University, London, Ontario, Canada. Conference subsequently cancelled due to COVID–19 pandemic.

[58] Balbon, P. A., Sharif, A., & **Mehlenbacher, A. R.** (June 2020; cancelled). "Bogus Experts and the Involvement of Heuristics When Assessing Expertise." *Canadian Society for the Study of Rhetoric*. Western University, London, Ontario, Canada. Conference subsequently cancelled due to COVID–19 pandemic.

[57] Moriarty, D., Griffin, D. B., & **Mehlenbacher, A. R.** (June 2020; cancelled). We're Experts in Online Science Communication Genres. Ask Us Anything About r/science AMAs! *Canadian Association for the Study of Discourse and Writing*. Western University, London, Ontario, Canada. Conference subsequently cancelled due to COVID–19 pandemic.

[56] **Mehlenbacher, A. R.** (June 2020; cancelled). "Expert Reading in Peer Review as Response to the Replication Crisis." *Canadian Communication Association*. Western University, London, Ontario, Canada. Conference subsequently cancelled due to COVID–19 pandemic.

[55] Griffin, D. B., Moriarty, D., Balbon, P., Sharif, A., & **Mehlenbacher, A. R.** (June 2020; cancelled). "Accommodation of Expert Knowledge in the Information Age." *Canadian Communication Association*. Western University, London, Ontario, Canada. Conference subsequently cancelled due to COVID–19 pandemic.

[54] **Mehlenbacher, A. R.** (5 February 2020). "RCIScience - UW Science Communication Certificate Experiential Learning Pedagogy." *Experiential Learning Conference*. University of Waterloo, Waterloo, Ontario, Canada.

[53] Black, L., Griffin, D. B., Balbon P., Moriarty, D., & **Mehlenbacher, A. R.** (31 July 2019). "Multidisciplinary Activity Design for STEAM Education" *Digital Pedagogy Institute*. University of Waterloo, Waterloo, Ontario, Canada.

[52] **Mehlenbacher, A. R.** (10 November 2018). "Registered Reports: An Emerging Scientific Research Article Genre." *National Communication Association 104th Annual Convention*. Salt Lake City, Utah, USA.
↪ Top Papers Panel for the Association for the Rhetoric of Science, Technology, and Medicine.

[51] **Mehlenbacher, A. R.** (14 September 2018). "Panel Discussion: Reflecting Back and Looking at Future Possibilities in Research and Education." Panel including Anne Freadman and Sune Auken. *Genres and Media Landscapes in Virtual-physical Learning Spaces*. Jönköping University, Smaland, Sweden.

[50] **Mehlenbacher, A. R.** (1 June 2018). "Roundtable: What Rhetoric of Science Means to Rhetorical Criticism." Panel with Jeanne Fahnestock, Leah Ceccarelli, James Wynn, and Randy Allen Harris (Chair). *Conference of the Rhetoric Society of America 2018*. Minneapolis, Minnesota, USA.

[49] **Mehlenbacher, A. R.** (15 November 2017). "Rhetorical Figures as Argument Schemes—Ethos and Trust." Association for the Rhetoric of Science, Technology, and Medicine pre-conference at the *National Communication Association 103rd Annual Convention*. Dallas, Texas, USA.

[48] **Mehlenbacher, A. R.**, & Mehlenbacher, B. (23 June 2017). "Data Infrastructures for the Scientific Data Commons." *Data Power 2017 Conference*. Carleton University, School of Journalism and Communication, Ottawa, Ontario, Canada.

[47] **Mehlenbacher, A. R.**, & Mehlenbacher, B. (27 May 2017). "Data as the Commons: Rearticulating the Commons through Civic and Citizen Science." *Canadian Association for the Study of Discourse and Writing Conference*. Ryerson University, Toronto, Ontario, Canada.

[46] **Mehlenbacher, A. R.** (27 April 2017). "Ownership of Learning and Labour Through Experiential Education." *Opportunities and New Directions: A Research Conference on Teaching and Learning*, University of Waterloo, Waterloo, Ontario, Canada.

[45] **Kelly [now Mehlenbacher], A. R.**, & Mehlenbacher, B. (9 November 2016). "Acquiring Expertise: Citizen Scientists and Networked Expertise." Association for the Rhetoric of Science, Technology, and Medicine pre-conference at the *National Communication Association 102nd Annual Convention*. Philadelphia, Pennsylvania, USA.

[44] **Kelly [now Mehlenbacher], A. R.** (13 August 2016). "The Problem of Prolepsis" *Computing Figures Figuring Computers II*. University of Waterloo, Waterloo, Ontario, Canada.

[43] **Kelly [now Mehlenbacher], A. R.** (28 June 2016). "Let's Play This Out: How Gamification Can Help Public Service Organizations" (panelist). *The Institute of Public Administration of Canada*. Toronto, Ontario, Canada.

[42] **Kelly [now Mehlenbacher], A. R.** (29 May 2016). "Structure and Style in Scientific Databases: Charting Emergence and Change in a Dynamic Rhetorical Genre." *Conference of the Rhetoric Society of America 2016*. Atlanta, Georgia, USA.

[41] **Kelly [now Mehlenbacher], A. R.** (28 May 2016). "At the Nexus of New Media and New Genres: A Response to Genres in a Complex World" (invited respondent). *Conference of the Rhetoric Society of America 2016*. Atlanta, Georgia, USA.

[40] **Kelly [now Mehlenbacher], A. R.**, & Mehlenbacher, B. (28 April 2016). "Assessment Challenges and Innovations in Technology-Augmented Instruction and Learning." *Opportunities and New Directions: A Research Conference on Teaching and Learning*, University of Waterloo, Waterloo, Ontario, Canada.

[39] **Kelly [now Mehlenbacher], A. R.**, & Mehlenbacher, B. (16 January 2016). "Science, Disrupted: Pedagogical innovation in the do-it-yourself science movement." *Canadian Association of Cultural Studies*. Balsillie School of International Affairs, Waterloo, Ontario, Canada.

[38] **Kelly [now Mehlenbacher], A. R.**, Mehlenbacher, B., & Kampe, C. (26 November 2015). "The SciGames Hub." *IMMERSe (The Research Network for Video Game Immersion) Conference*. The Games Institute at the University of Waterloo, Waterloo, Ontario, Canada.

[37] **Kelly [now Mehlenbacher], A. R.** (18 November 2015). "Extensions of Rhetorical Agency in Grassroots Sensing Technologies." *National Communication Association 101st Annual Convention*. Las Vegas, Nevada, USA.

[36] **Kelly [now Mehlenbacher], A. R.** (13 June 2015). "Closing The Public-Expert Divide: Public Expertise and Do-It-Yourself Environmental Monitoring Initiatives." *13th biennial Conference on Communication and Environment*. Boulder, Colorado, USA.

[35] **Kelly [now Mehlenbacher], A. R.** (4 June 2015). "A Rhetoric of Good Data." *Canadian Communication Association*. University of Ottawa, Ottawa, Ontario, Canada.

[34] Brock, K. & **Kelly [now Mehlenbacher], A. R.** (10 April 2015). "Rhetorical Genres in Code." *Indiana Digital Rhetoric Symposium*, Indiana University, Bloomington, Indiana, USA.

[33] Mehlenbacher, B., & **Kelly [now Mehlenbacher], A. R.** (2 March 2015). "Assessing Student Learning: Research-based Rubrics and Evaluation Instruments for Measuring Technology-augmented Learning." *International Technology, Education and Development Conference*. Madrid, Spain.

[32] **Kelly [now Mehlenbacher], A. R.** (4 December 2014). "Networked Expertise: Constructing Ethos in Citizen Science Projects." *113th Annual Meeting of the American Anthropological Association*, Washington, DC, USA.

[31] **Kelly [now Mehlenbacher], A. R.** (21 November 2014). "Organization of Hackerspaces for Scientific Engagement, Education, Research, and Community Action." *National Communication Association 100th Annual Convention*. Chicago, Illinois, USA.

[30] **Kelly [now Mehlenbacher], A. R.** (19 November 2014). "Open Risk Assessment: Rhetorical Expansion of Expert Ethos." Association for the Rhetoric of Science and Technology pre-conference at the *National Communication Association 100th Annual Convention*. Chicago, Illinois, USA.

[29] **Kelly [now Mehlenbacher], A. R.** (7 November 2014). "Hacking Science: New Modes of Ethical Engagement." *International Symposium on Digital Ethics*. Chicago, Illinois, USA.

[28] **Kelly [now Mehlenbacher], A. R.** (24 May 2014). "Parascientific Genres: Emerging Genres in Participant-driven Citizen Science" *Conference of the Rhetoric Society of America 2014*. San Antonio, Texas, USA.

[27] **Kelly [now Mehlenbacher], A. R.** (23 May 2014). "Transnational Temperance: Rhetorics of the Canadian Women's Temperance Movement" *Conference of the Rhetoric Society of America 2014*. San Antonio, Texas, USA.

[26] **Kelly [now Mehlenbacher], A. R.** (20 March 2014). "Rhetorical Accommodation and Open Access Publishing." *Conference on College Composition and Communication*. Indianapolis, Indiana, USA.

[25] **Kelly [now Mehlenbacher], A. R.**, & Mehlenbacher, B. (28 February 2014). "Instructional Interactions: Feedback and Commenting in Collaborative Online Writing Spaces." *North Carolina Symposium on Teaching Writing*, Raleigh, North Carolina, USA.

[24] Maddalena, K., & **Kelly [now Mehlenbacher], A. R.** (24 November 2013). "Genre to ANT, Agency to Efficacy: At the Intersection of Rhetoric of Science and Science, Technology, and Society." *National Communication Association 99th Annual Convention*. Washington, DC, USA.

[23] Kinsella, W. J., **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (8 June 2013). Articulating Resistance to Nuclear Power: Local Tactics and Strategic Consequences in a Nuclear Construction Financing Controversy. *Conference on Communication and Environment*. Uppsala, Sweden.

[22] **Kelly [now Mehlenbacher], A. R.** (16 February 2013). "Designed in Germany, Engineered in Denmark, Built in Canada: Accommodating the Globalisation of Technical and Scientific Communication in Professional Writing Classrooms." *North Carolina Symposium on Teaching Writing*, Raleigh, North Carolina, USA.

[21] **Kelly [now Mehlenbacher], A. R.**, & Miller, C. R. (17 November 2012). "Intersections: Scientific and Parascientific Communication on the Internet." *National Communication Association 98th Annual Convention*. Orlando, Florida, USA.

[20] **Kelly [now Mehlenbacher], A. R.** (4 August 2012). "Hacking Science: Fukushima Dai-ichi and a global citizen science effort." Poster Presentation at the *Conference on Public Participation in Scientific Research*. Portland, Oregon, USA.

[19] Abbott, N., & **Kelly [now Mehlenbacher], A. R.** (27 June 2012). "Rethinking Evolutionary Metaphors in Rhetorical Genre Theory." *Genre 2012: Rethinking Genre 20 Years Later*. Carleton University, Ottawa, Ontario, Canada.

[18] **Kelly [now Mehlenbacher], A. R.** (27 June 2012). "Genre Across Borders (GXB): Integrating Social Networking Tools to Facilitate Collaboration, Connection, and Community." *Genre 2012: Rethinking Genre 20 Years Later*. Carleton University, Ottawa, Ontario, Canada.

[17] **Kelly [now Mehlenbacher], A. R.**, & Harris, R. A. (25 May 2012). "Cognitive Metaphor Studies and Gertrude Buck's The Metaphor: A Study in the Psychology of Rhetoric." *Conference of the Rhetoric Society of America 2012*. Philadelphia, Pennsylvania, USA.

[16] Mehlenbacher, B., & **Kelly [now Mehlenbacher], A. R.** (20 May 2012). "Integrating Social Media into Online Educational Spaces: Modeling Professional Practice in Instructional Interactions." *Computers & Writing 2012*. Raleigh, North Carolina USA.

[15] **Kelly [now Mehlenbacher], A. R.** (7 May 2012). Interdisciplinary panel discussion on Nuclear Energy Industry. *Second Annual School of Public and International Affairs/College of Humanities and Social Sciences Conference "Shale Gas and Nuclear Power: The Bridge to a Renewable Energy Future?"* North Carolina State University, Raleigh, North Carolina, USA.

[14] **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (7 May 2012). "Nuclear Power and North Carolina Energy Companies" Poster session presented at the annual *Second Annual School of Public and International Affairs/College of Humanities and Social Sciences Conference "Shale Gas and Nuclear Power: The Bridge to a Renewable Energy Future?"* North Carolina State University, Raleigh, North Carolina, USA.

[13] Kittle Autry, M., & **Kelly [now Mehlenbacher], A. R.** (11 April 2012). "Looking Global, Speaking Local: Fukushima Dai-ichi and Nuclear Energy Discourse in the Carolinas." *Global Engagement Exposition.* North Carolina State University, Raleigh, North Carolina, USA.

[12] **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (20 March 2012). "Temporal Trends in Digitally-Mediated Environmental Debate." Poster session presented at the annual *NC State Graduate Student Research Symposium.* North Carolina State University, Raleigh, North Carolina, USA.

[11] Kittle Autry, M., & **Kelly [now Mehlenbacher], A. R.** (18 February 2012). "Merging Duke Energy and Progress Energy: Examining Rhetorical Boundary Work in Nuclear Energy Discourses in the Carolinas." *Carolina Rhetoric Conference.* Clemson University, Clemson, South Carolina, USA.

[10] **Kelly [now Mehlenbacher], A. R.** (5 November 2011). "Looking Global, Speaking Local: Proleptic Structure in Fukushima-related Discourse During an NC Public Hearing." *Society for Social Studies of Science Conference.* Cleveland, Ohio, USA.

[9] **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (15 April 2011). "Big Power, Big Controversy: The Proposed Duke-Progress Energy Merger and Environmental Controversy in the Carolinas." *Environments, Risks, & Digital Media Symposium.* North Carolina State University, Raleigh, North Carolina, USA.

[8] **Kelly [now Mehlenbacher], A. R.** (26 February 2011). "Gertrude Buck's Metaphor: An Antecedent Theory to Contemporary Cognitive Metaphor Studies." *Carolina Rhetoric Conference*, University of South Carolina. Columbia, South Carolina, USA.

[7] **Kelly [now Mehlenbacher], A. R.**, Abbott, N., Harris, R. A., & DiMarco, C. (28 September 2010). "Toward an Ontology of Rhetorical Figures." *28th ACM International Conference on Design of Communication.* Universidade Federal de São Carlos, São Carlos-São Paulo, Brazil.

[6] **Kelly [now Mehlenbacher], A. R.**, Wallace, J., Cerar, K. Randall, N., McClelland, P. Seto, A. M. & Scott, S. D. (27 September 2010). "Solar Scramble: Design and Development of an Educational Children's Game for Multi-Touch Collaborative Tables." *28th ACM International Conference on Design of Communication.* Universidade Federal de São Carlos, São Carlos-São Paulo, Brazil.

[5] **Kelly [now Mehlenbacher], A. R.**, & Abbott, N. (31 May 2010). "Collaborating Across Disciplines: Identity and Graduate-level Multidisciplinary Research in the Humanities." *Canadian Association for the Study of Discourse and Writing.* Concordia University, Montreal, Quebec, Canada.

[4] **Kelly [now Mehlenbacher], A. R.**, & Abbott, N. (10 April 2010). "Graduate Student Identity Formation and Inter-/Multi-disciplinarity." *Midwestern Conference on Literature, Language, and Media.* Northern Illinois University, Dekalb, Illinois, USA.

[3] **Kelly [now Mehlenbacher], A. R.**, & McDougall, A. (24 October 2009). "Crossing Disciplinary Boundaries is Risky Business." *Risk! New York College English Association.* Niagara County Community College, Sanborn, New York, USA.

[2] **Kelly [now Mehlenbacher], A. R.**, McDougall, A., & Abbott, N. (6 October 2009). "Rhetorical Models for Computational Systems: An interdisciplinary approach to reusable tailorable medical information." *27th ACM International Conference on Design of Communication*. Indiana University, Bloomington, Indiana, USA.

[1] **Kelly [now Mehlenbacher], A. R.** (26 May 2009). "The Construction of Credibility (Ethos) in Sexual Health Pamphlets." *Canadian Association for the Study of Discourse and Writing Conference*. Carleton University, Ottawa, Ontario, Canada.

Conferences, Workshops, and Panels Organized

[13] "Rhetorics of Science, Environment, and Medicine." (May 2020; cancelled). Organized as President of ARSTM; panel: Jennifer Clary-Lemon (University of Waterloo), S. Scott Graham (University of Texas–Austin), Donnie Sackey (University of Texas–Austin), J. Blake Scott (University of Central Florida), Lynda Walsh (University of Nevada–Reno), Emily Winderman (University of Minnesota–Twin Cities). *Rhetoric Society of America biennial conference*, Portland, OR, USA. Panel. Cancelled due to COVID–19 pandemic.

[12] "Rhetorics of Technology." (May 2020; cancelled). Organized as President of ARSTM; panel: Casey Boyle (University of Texas–Austin), Lauren Cagle (University of Kentucky), Randy Allen Harris (University of Waterloo), Aimee Kendall Roundtree (Texas State University), Zoltan Majdik (North Dakota State University), Carolyn R. Miller (North Carolina State University). *Rhetoric Society of America biennial conference*, Portland, OR, USA. Panel. Cancelled due to COVID–19 pandemic.

[11] "The Art of Telling Better Scientific Stories." (21 February 2020). Andrea Jonahs, George Lamont, Brad Mehlenbacher, Devon Moriarty, Megan Selinger (all University of Waterloo). SciCommTO Conference 2020. Ryerson University, Toronto, Ontario, Canada. Workshop.

[10] "60 Minutes to Save the World." (20 February 2020). *ERA-related Youth Outreach Event*, organized with Danielle Bisnar Griffin, University of Waterloo, Waterloo, Ontario, Canada. Workshop.

[9] Association for the Rhetoric of Science, Technology, and Medicine division programming. (14-17 November, 2019). National Communication Association. Baltimore, MD, USA. Conference.

[8] "Citizen Science and Emerging Rhetorics of Science," co-organized with James Wynn (Carnegie Mellon University). (2019). *Rhetoric Society of America Summer Institute*, University of Maryland, College Park, MD, USA. Workshop.

[7] "60 Minutes to Save the World." (21 February 2019). *ERA-related Youth Outreach Event*, organized with Devon Moriarty, University of Waterloo, Waterloo, Ontario, Canada. Workshop.

[6] "Rhetoric of Science, Technology, and Medicine: Evidence." (7 November 2018). *Association for the Rhetoric of Science, Technology, and Medicine* pre-conference at the National Communication Association. Salt Lake City, UT, USA. Pre-conference.

[5] "60 Minutes to Save the World." (28 September 2017). *Canadian Student Leadership Conference*, University of Waterloo, Waterloo, Ontario. Youth Outreach event for high school students. Workshop.

[4] "Producing Anthropology, Producing Science: Citizen Science and Emerging Problematics," co-organized with Michael Scroggins (Teachers College, Columbia University) and also features Mascha Gugganig (University of British Columbia), Meghan Ferriter (Smithsonian Institution - OCIO/Quotient, Inc.) and Carolina Comandulli (University College London). (4 December 2014). *113th Annual Meeting of the American Anthropological Association*, Washington, DC, USA. Panel.

[3] "Epistemological Frames, Public Spaces, and the 'New' Rhetorics of Grassroots Experiential Science," co-organized with Elizabeth Pitts (North Carolina State University) and also features Steven B. Katz (Clemson University), Leah Ceccarelli (University of Washington), and Carolyn R. Miller (North Carolina State University). (21 November 2014). *National Communication Association 100th Annual Convention*, Chicago, IL, USA. Panel.

[2] "Shifting Borders of Expertise in Science: The Rhetorical Work of Citizen and Civic Scientists," with John Angus Campbell (University of Memphis), and Kenneth Walker (University of Arizona). (22-26 May 2014). *Conference of the Rhetoric Society of America*, San Antonio, Texas, USA. Panel.

[1] "Scientists, Citizens, and Cyberspace: Expanding Scientific and Public Engagement in the Digital Age," with Carolyn R. Miller (North Carolina State University), Jeanne Fahnestock (University of Maryland), James Wynn (Carnegie Mellon University), and Sarah Wardlaw (University of Washington). (17 November 2012). *National Communication Association 98th Annual Convention*, Chicago, Illinois, USA. Panel.

Teaching

Faculty Workshop Series

YR(Term)	Course Title	Inst.	Enroll.
2017 (F)	Teaching Technical and Scientific Communication	Waterloo	22

Graduate Courses

YR(Term)	Course No.	Course Title	Inst.	Enroll.
2019 (F)	ENGL 700	Rhetorical Studies	Waterloo	24
2018 (F)	PS 614	Communicating with Diverse Audiences	Waterloo	46
2018 (S)	ENGL 789	Theory and Practice of Technical Communication	Waterloo	10
2017 (F)	PS 614	Communicating with Diverse Audiences	Waterloo	55
2017 (S)	ENGL 794	Qualitative Methods in Prof. Comm. & UX Research	Waterloo	8
2016 (F)	PS 614	Communicating with Diverse Audiences	Waterloo	53
2015 (F)	ENGL 789	Theory and Practice of Technical Communication	Waterloo	10
2015 (S)	COM 585	Qualitative Methods In Communication Research	Purdue	16
2014 (F)	COM 674	Genre Theory	Purdue	3

Graduate Independent Study Courses

YR(Term)	Course No.	Course Title	Inst.	Enroll.
2016 (W)	ENGL 795	Qualitative Methods and UX	Waterloo	3
2015 (S)	COM 590	Theories of Rhetorical Criticism	Purdue	1
2015 (S)	COM 590	Pedagogy in Communication Technology Studies	Purdue	1
2014 (F)	EDCI 590	Genre Awareness and Education	Purdue	1

Undergraduate Courses

YR(Term)	Course No.	Course Title	Inst.	Enroll.
2021 (S)	ENGL 492†	Topics in the History and Theory of Rhetoric	Waterloo	12
2021 (S)	ENGL 309C†‡	Contemporary Rhetorical Theory	Waterloo	28
2020 (F)	ENGL 309C†‡	Contemporary Rhetorical Theory	Waterloo	38
2020 (F)	ENGL 292†‡	Rhetorical Theory and Criticism	Waterloo	35
2020 (S)	ENGL 309C†‡	Contemporary Rhetorical Theory	Waterloo	37
2020 (S)	ENGL 292†‡	Rhetorical Theory and Criticism	Waterloo	37
2019 (F)	ENGL 493	Topics in Professional Writing and Communication Design	Waterloo	25
2018 (F)	ENGL 309C	Contemporary Rhetorical Theory	Waterloo	35
2016 (S)	ENGL 101B†‡	Introduction to Rhetorical Studies	Waterloo	32
2016 (S)	ENGL 210J	Technical Editing	Waterloo	21
2015 (F)	ENGL 210G	Grant Writing	Waterloo	19
2015 (W)	COM 411	Communication and Social Networks	Purdue	10
2014 (F)	COM 411	Communication and Social Networks	Purdue	18
2014 (S)	STS 214†	Introduction to Science, Technology, and Society	NC State	34
2014 (S)	ENG 331†	Communication for Engineering and Technology	NC State	23
2014 (S)	ENG 333†	Communication for Science and Research	NC State	23
2013 (S)	STS 214	Introduction to Science, Technology, and Society	NC State	17

2013 (S)	ENG 331†	Communication for Engineering and Technology	NC State	19
2013 (S)	ENG 333†	Communication for Science and Research	NC State	23
2012 (F)	ENG 333†	Communication for Science and Research	NC State	19
2012 (S)	STS 214	Introduction to Science, Technology, and Society	NC State	22
2012 (S)	ENG 331†	Communication for Engineering and Technology	NC State	20
2011 (F)	ENG 331	Communication for Engineering and Technology	NC State	20
2010 (W)	ENGL 109*†	Introduction to Academic Writing	Waterloo	27
2008 (F)	ENGL 109*	Introduction to Academic Writing	Waterloo	30

The * designates role as section Teaching Assistant, not Instructor of Record; †designates an online course; ‡designates Centre for Extended Learning (EL) courses.

Post Doctoral Fellow Supervision

Dr. Sara Doody, Postdoctoral Fellow in the Department of Knowledge Integration, Faculty of Environment; co-supervised with Dr. Kathryn Plaisance (Philosophy/Knowledge Integration), 2021-present

Graduate Supervision/Doctoral Supervision

Carolyn Eckert, chair of advisory committee, Ph.D. in English Language and Literature, in progress

Devon Moriarty, co-chair of advisory committee with Randy Allen Harris, Ph.D. in English Language and Literature (SSHRC-funded), in progress

Andrew J. Iliadis, co-chair of advisory committee with Daniel S. Smith (Purdue University, Philosophy), Ph.D. in Communication and Philosophy (Purdue University), "A Black Art: Ontology, Data, and the Tower of Babel Problem," 2016

↪ now Assistant Professor, School of Media and Communication, Temple University

Graduate Supervision/Doctoral Committees

Farzad Kolahjooei, member of advisory committee, Ph.D. in English Language and Literature, "Christopher Nolan and the Art of Anamorphosis," 2017

Michael Maune, member of advisory committee, Ph.D. in English Education and Educational Linguistics (Purdue University), "Toward a Genre Writing Curriculum: Schooling Genres in the Common Core State Standards for Writing," 2016

Graduate Supervision/Masters Supervision

Liahm Ruest, M.A. in Rhetoric and Communication Design (Major Research Project), 2021

Neha Ravella, co-supervisor with Lai-Tze Fan, M.A. in Experimental Digital Media (Major Research Project), 2021

Gosia Brestovacki, supervisor, M.A. in Experimental Digital Media (Major Research Project), 2021

Paula Núñez de Villavicencio, supervisor, M.A. in Rhetoric and Communication Design (Major Research Project), 2018

Salman Jivani, supervisor, M.A. in Rhetoric and Communication Design (Major Research Project), 2017

Max Renner, co-chair of advisory committee with Josh Scacco, M.A. in Communication (Thesis, Purdue), 2016

Graduate Supervision/Masters Committees

Giuseppe Femia, second reader, M.A. in Rhetoric & Communication Design (Major Research Project), 2021

Kaitlin O'Brien, second reader, M.A. in Experimental Digital Media (Major Research Project), 2017

Rob Parker, second reader, M.A. in Rhetoric & Communication Design (Major Research Project), 2016

Jessica Fawley, member of advisory committee, M.A. in Communication (Thesis, Purdue University), 2015

Undergraduate Research Supervisor

Supervisor, Fatima Zohra, English Language and Literature Honours Essay, 2020

Supervisor, Lillian Black, English Language and Literature Honours Essay, 2018

>   ↪ Winner, ACM SIGDOC's Microsoft Student Research Competition (Undergraduate), 2018

Supervisor, Shania Trepanier, Knowledge Integration program Senior Research Project, 2018

Supervisor, Katrina Ellen Drew Brain, Knowledge Integration program Senior Research Project, 2018

Co-Supervisor, Charmian Zoll, Independent Studies Senior Thesis, 2017

Supervisor, Jamie Bate, Knowledge Integration program Senior Research Project, 2017

Supervisor, Hayley Thorne, Knowledge Integration program Senior Research Project, 2016

Research director, Julia Pritchett, Purdue, 2015

Faculty advisor, Eileen SooEun Park, Purdue, for *Journal of Purdue Undergraduate Research* submission, 2015

Invited Colloquia, Workshops, and Guest Lectures

[46] **Mehlenbacher, A. R.** (1 November 2021). "Qualitative Research and Coding Data" (ENGL 702—Rhetorical Research Methods, Jennifer Clary-Lemon). University of Waterloo, Waterloo, Ontario, Canada. Guest lecture.

[45] **Mehlenbacher, A. R.** (Fall 2021 Online). "Comments on 'The Rhetoric of Big Data'," (ENGL 700—Rhetorical Studies, Andrew McMurry). University of Waterloo, Waterloo, Ontario, Canada. Pre-recorded comments with B. Mehlenbacher.

[44] **Mehlenbacher, A. R.** (Fall 2020 Online). Interview discussing faculty job applications in Canada. (CRD 809—Colloquium in Communication, Rhetoric, and Digital Media, Nick Taylor). North Carolina State University, Raleigh, North Carolina, USA. Virtual interview.

[43] **Mehlenbacher, A. R.** (6 February 2020; 17 September, 2019; 02 October 2018 x2; 23 January 2018, x2; 21 September 2017; 24 January 2017, x2). Introduction to Rhetoric (ENGL 109—Introduction to Academic Writing, Lamees Al Ethari). University of Waterloo, Waterloo, Ontario, Canada. Guest lecture.

[42] **Mehlenbacher, A. R.** (5 November 2019). "Coding Qualitative Data," (ENGL 795—Mapping Research Methods Rhetorically, Jennifer Clary-Lemon). University of Waterloo, Waterloo, Ontario, Canada. Guest lecture.

[41] **Mehlenbacher, A. R.** (31 October 2019). "Conferencing," English Ph.D. professionalization program milestone course (Jennifer Harris), University of Waterloo, Waterloo, Ontario, Canada. Guest lecture.

[40] **Mehlenbacher, A. R.** (17 January 2019). "Citizen Science," (BASE—Bridge to Academic Success in English, Jesse Corwin). Renison University College, Waterloo, Ontario, Canada. Guest lecture.

[39] **Mehlenbacher, A. R.** (20 November 2018 x2). "Ethics in Science Communication," (SCCOM 100—Communication in Science, Andrea Johnas). University of Waterloo, Waterloo, Ontario, Canada. Guest lecture.

[38] **Mehlenbacher, A. R.** (19 November 2018). "Winning Science Communication," for UW Scinapse preparation for Ontario-wide Undergraduate Science Case Competition (USCC). University of Waterloo, Waterloo, Ontario, Canada. Workshop.

[37] **Mehlenbacher, A. R.** (15 November 2018). "Publishing," English Ph.D. program milestone course (Jennifer Harris), University of Waterloo, Waterloo, Ontario, Canada. Guest lecture.

[36] **Mehlenbacher, A. R.** (25 October 2018). "Rhetoric and Genre Theory," (MSP 5114—Communication Research Methods, Media Studies and Production, Andrew Iliadis), Temple University, Philadelphia, Pennsylvania, USA. Guest lecture.

[35] **Mehlenbacher, A. R.** (23 October 2018). "Rhetoric of Science and Technology," (ENGL 700—Rhetorical Studies, Andrew McMurry). University of Waterloo, Waterloo, Ontario, Canada. Guest lecture.

[34] **Mehlenbacher, A. R.** (10 October 2018). "Academic Career Conference," panel member for, Centre for Career Action. University of Waterloo, Waterloo, Ontario, Canada.

[33] **Mehlenbacher, A. R.** (21 September 2018). "Teaching Undergraduate Communications for STEM Majors." University of Waterloo, Waterloo, Ontario, Canada. Co-facilitator.

[32] **Mehlenbacher, A. R.** (11 September 2018). "Genre and Learning," (Course for Upper Secondary Teacher preparation, Anette Svensson). Jönköping University, Jönköping, Småland, Sweden. Guest lecture.

[31] **Mehlenbacher, A. R.** (23 April 2018). "Online Impressions Workshop," panel member for Student Association for Graduates in English. University of Waterloo, Waterloo, Ontario, Canada. Workshop.

[30] **Mehlenbacher, A. R.** (28 June 2017). The Rhetoric of Digital Design, (ENGL 408C, Marcel O'Gorman). University of Waterloo, Waterloo, Ontario, Canada. Guest lecture.

[29] **Mehlenbacher, A. R.** (27 June 2017). Rhetoric of Science: Theories and Methods, (ENGL 793, Randy Allen Harris). University of Waterloo, Waterloo, Ontario, Canada. Guest lecture.

[28] **Mehlenbacher, A. R.** (31 March 2017). "Grant Writing," For Department of Fine Arts. University of Waterloo, Waterloo, Ontario, Canada. Workshop.

[27] **Mehlenbacher, A. R.** (28 February 2017). Grant Writing, (ENGL 210G, Lamees Al Ethari). University of Waterloo, Waterloo, Ontario, Canada. Guest lecture.

[26] **Kelly [now Mehlenbacher], A. R.** (15 November 2016). "Winning Science Communication," For UW Scinapse preparation for Ontario-wide Undergraduate Science Case Competition (USCC). University of Waterloo, Waterloo, Ontario, Canada. Workshop.

[25] **Kelly [now Mehlenbacher], A. R.** (15 November 2016). "Publishing in Rhetoric and Related Disciplines," English Ph.D. program milestone course (Victoria Lamont), University of Waterloo, Waterloo, Ontario, Canada. Guest lecture/panel talk.

[24] **Kelly [now Mehlenbacher], A. R.** (4 July 2016). "Rhetoric of Science Online." *Rhetoric of Science Graduate Seminar Mini-Conference*. University of Waterloo, Waterloo, Ontario, Canada. Keynote talk.

[23] **Kelly [now Mehlenbacher], A. R.** (3 November 2015). Colloquium in Communication, Rhetoric, and Digital Media, (CRD 809, Adriana de Souza e Silva), North Carolina State University, Raleigh, North Carolina, USA. Guest lecture.

[22] **Kelly [now Mehlenbacher], A. R.** (26 October 2015). "Planning for an Academic Career." English Ph.D. program milestone course (Stephanie White), University of Waterloo, Waterloo, Ontario, Canada. Guest lecture.

[21] **Kelly [now Mehlenbacher], A. R.** (16 October 2015). "Dissertation Writing and the Academic Job Hunt." *Games Institute Professional Development Series*. The Games Institute, University of Waterloo, Waterloo, Ontario, Canada. Workshop.

[20] **Kelly [now Mehlenbacher], A. R.** (28 September 2015). "Preparing for the Academic Job Hunt." *Games Institute Professional Development Series*. The Games Institute, University of Waterloo, Waterloo, Ontario, Canada. Workshop.

[19] **Kelly [now Mehlenbacher], A. R.** (6 March 2015). "Environmental and Social Implications of Nanotechnology." *Interactive Seminar Series*. Center for the Environment, Purdue University, West Lafayette, Indiana, USA. Panel talk.

[18] **Kelly [now Mehlenbacher], A. R.** (11 March 2015). Foundations Of Human Comm. Inquiry, (COM 601, Torsten Reimer), Purdue University, West Lafayette, Indiana, USA. Guest lecture.

[17] **Kelly [now Mehlenbacher], A. R.** (30 January 2015). "Trans-scientific Genres of Science Communication in Citizen Science." Discovery Park Center for Global Soundscapes *Connections* series. Purdue University, West Lafayette, Indiana, USA. Guest speaker.

[16] **Kelly [now Mehlenbacher], A. R.** (21 October 2014). "From Idea to Publication: The Road to Submission." For BLSC Communication Graduate Student Association. Purdue University, West Lafayette, Indiana, USA. Panel talk.

[15] **Kelly [now Mehlenbacher], A. R.** (30 October 2014). Rhetoric and Risk in STM (ENG 306, Kenneth Walker), University of Arizona, Tucson, Arizona, USA. Guest lecture.

[14] **Kelly [now Mehlenbacher], A. R.** (23 September 2014). "Writing Your Dissertation While on the Academic Job Market." For BLSC Ph.D. student writing group. Purdue University, West Lafayette, Indiana, USA. Guest lecture.

[13] **Kelly [now Mehlenbacher], A. R.** (13 September 2014). "Advice for the Job Search" panel. For *Organizational Communication Mini Conference*. Purdue University, West Lafayette, Indiana, USA. Panel talk.

[12] **Kelly [now Mehlenbacher], A. R.** (12 May 2014). "Job Hunting While Dissertation Writing." For *NC State Graduate School*. North Carolina State University's Hunt Library. Raleigh, North Carolina, USA. Guest speaker.

[11] **Kelly [now Mehlenbacher], A. R.** (14 April 2014). Narrative Theory (COM 610, Robin Clair), Purdue University, West Lafayette, Indiana, USA. Guest lecture.

[10] **Kelly [now Mehlenbacher], A. R.** (18 September 2014). Survey of Organizational Communication (COM 547, Patrice M. Buzzanell), Purdue University, West Lafayette, Indiana, USA. Guest lecture.

[9] **Kelly [now Mehlenbacher], A. R.** (19 October 2012; 18 January 2013; 22 March 2013; 19 June 2013). "Writing Research Introductions in the Sciences." (For *NC State Library Graduate Student Workshop Series*. North Carolina State University's DH Hill and Hunt Libraries. Raleigh, North Carolina, USA. Workshop.

[8] **Kelly [now Mehlenbacher], A. R.** (29 March 2013). "Preparing Your Dissertation for ETD with LATEX." For *NC State Library Graduate Student Workshop Series*. North Carolina State University's Hunt Library, Raleigh, North Carolina, USA. Workshop.

[7] **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (12 February 2013 and 11 March 2013). "Graduate Research Symposium: Poster Preparation and Practice Session." North Carolina State University's Department of English and Communication. Raleigh, North Carolina, USA.

[6] **Kelly [now Mehlenbacher], A. R.** (October 2012). Advanced Writing for Empirical Research (ENG 626, Ann M. Penrose). North Carolina State University, Raleigh, North Carolina, USA. Guest lecture.

[5] **Kelly [now Mehlenbacher], A. R.**, & Kittle Autry, M. (October 2012). Introduction to Scholarly Publishing (HON 398, Aaron J. Stoller & Darby Orcutt), North Carolina State University, Raleigh, North Carolina, USA. Guest lecture.

[4] **Kelly [now Mehlenbacher], A. R.** (12 April 2012). "Introduction to LATEX." *CRDM Professional Development Seminar Series*. North Carolina State University, Raleigh, North Carolina, USA. Workshop.

[3] **Kelly [now Mehlenbacher], A. R.** (15 March 2012). Environmental Communication (COM 436, William J. Kinsella). North Carolina State University, Raleigh, North Carolina, USA. Guest lecture.

[2] **Kelly [now Mehlenbacher], A. R.** (25 January 2012). "Perspectives from the Humanities & Social Sciences on Genetic Pest Management." *Colloquium on Genetic Engineering & Society.* North Carolina State University, Raleigh, North Carolina, USA. Panel talk.

[1] **Kelly [now Mehlenbacher], A. R.,** Kittle Autry, M., Maddalena, K., Synk, D., and Hakima, A. (22 August 2011). Rhetoric of Science and Technology (ENG 515, Carolyn R. Miller). North Carolina State University, Raleigh, North Carolina, USA. Guest lecture.

Professional Development in Teaching and Mentoring (completed programs, courses, and workshops)

[21] "Inclusive Leadership," led by Dr. Shirley Davis, LinkedIn Learning, 2021

[20] "Driving Change and Anti-Racism," led by Kwame Christian, LinkedIn Learning, 2021

[19] "How to Support Colleagues From Underrepresented Groups," led by Maxie McCoy, LinkedIn Learning, 2021

[18] "Unconscious Bias," led by Stacey Gordon, LinkedIn Learning, 2020

[17] "Supporting Student Mental Health," Centre for Teaching Excellence, University of Waterloo, 2020

[16] "Inclusive Mindset," led by Dereca Blackmon, LinkedIn Learning, 2020

[15] "Fighting Gender Bias at Work," LinkedIn Learning, 2020

[14] "Handling Workplace Bullying," led by Catherine Mattice Zundel, LinkedIn Learning, 2020

[13] "Confronting Bias: Thriving Across Our Differences," led by Vernā Myers and Arianna Huffington, LinkedIn Learning, 2020

[12] "Syllabus Builder Workshop, Centre for Teaching Excellence," University of Waterloo, 2016

[11] "Designing Teaching and Learning, Centre for Teaching Excellence," University of Waterloo, 2016

[10] Approved Doctoral Dissertation Supervisor, University of Waterloo, 2016

      "Examining and Career Support," Centre for Teaching Excellence, 2015

      "Intercultural Communication," Centre for Teaching Excellence, 2015

      "Research Ethics and Writing," Centre for Teaching Excellence, 2015

      "PhD Research Life Cycle," Centre for Teaching Excellence, 2015

      "Supervisor Policies," Centre for Teaching Excellence, 2015

      "Course Design Fundamentals," Centre for Teaching Excellence, 2015

      "Assessment for Learning," Centre for Teaching Excellence, 2015

      "Who Are Our Learners?," Centre for Teaching Excellence, 2015

      "Classroom Dynamics/Engagement," Centre for Teaching Excellence, 2015

[9] Faculty of Arts Supervisor Workshop," led by Associate Dean, Graduate Studies, Linda Warley, University of Waterloo, 2015

[8] New Faculty Mentoring Workshop, The Graduate School, Purdue University, 2014

[7] 5th Annual Conference for Pre-Tenure Women, Purdue University, 2014

[6] New to Teaching at Purdue Workshop, Teaching Academy, Purdue University, 2014

[5] Preparing the Professoriate Fellow (supervised by Ann M. Penrose), North Carolina State University, 2012–2014

"Making the Most of Your PTP Experience," led by Melissa Bostrom, 2012.

"Creating Effective Writing Assignments," led by Chris Anson and by Melissa Bostrom, 2012.

"Motivating Students," led by Bryce Lane, facilitated by Melissa Bostrom, 2013.

"Negotiating the Academic Job Market," panel discussion, facilitated by Melissa Bostrom, 2012.

"Teaching with Sensitivity to Difference," led by Ronda Sutton and Mark Newmiller, 2013.

"Managing the Tenure Process," led by Barbi Honeycutt, 2013.

"Reflecting on the Rewards and Challenges of a Faculty Career," panel discussion, 2013.

[4] Certificate of Accomplishment in Teaching, North Carolina State University, 2012

"Introduction to Teaching," led by Barbi Honeycutt, 2011.

"Writing Learning Outcomes," led by Barbi Honeycutt, 2011.

"Classroom Management," led by Barbi Honeycutt, 2011.

"Controversy in the Classroom: How to Handle It," led by Barbi Honeycutt, 2011.

"Managing Disruptive Classroom Behavior," led by Barbi Honeycutt, 2011.

"Motivational Teaching Strategies," led by Barbi Honeycutt, 2011.

"Responding to Student Writing," led by Molly Hartzog, 2011.

"Effective Questioning Techniques," led by Barbi Honeycutt, 2011.

"Classroom Assessment Techniques," led by Barbi Honeycutt, 2011.

[3] Inquiry Guided TA Training program, North Carolina State University, 2012

[2] "Technologies and Pedagogies in the Communication Arts," CRD 704 (graduate seminar) with Dr. Susan Miller-Cochran, North Carolina State University, 2011

[1] "Writing Theory and Pedagogy," ENGL 791 (graduate seminar) with Dr. Catherine F. Schryer, University of Waterloo, 2010

Service

<u>Service to the Discipline</u>

Leadership Roles

Co-General Editor, Genre Across Borders: An international, interdisciplinary, network of researchers, theories, and resources, 2016-present

Member of the Board of Directors, Association for the Rhetoric of Science, Technology, and Medicine, 2019–2021

President, Association for the Rhetoric of Science, Technology, and Medicine, 2018–2019

First Vice President, Association for the Rhetoric of Science, Technology, and Medicine, 2017-2018

Second Vice President, Association for the Rhetoric of Science, Technology, and Medicine, 2016-2017

Advisory Boards, Editorial Boards, and Program Committees

Editorial Board, *Written Communication*, 2019-present

Member, International Scientific Committee for the Digital Genres and Open Science International Conference, University of Zaragoza (Spain), 2021–2022

Member of Advisory Board, Centre for Genre Research at the University of Copenhagen, 2017–2019

Academic Co-Chair, Citizen Science Association 2017 Conference Program Committee, 2016–2017

Member, Program Committee for the Citizen Science Association 2015 Conference at the meeting of the American Association for the Advancement of Science), 2014–2015

Grant Reviewer

Swiss National Science Foundation

National Science Foundation (United States), CAREER program

National Science Foundation (United States), Science and Technology Studies Program

Book Reviewer

Bloomsbury Press

IGI Global

Oxford UP

Palgrave

Routledge

Rowman & Littlefield Publishing

University of Pittsburgh Press

Versita Publishing

XML Press

Journal Reviewer

Argument & Computation

Big Data & Society

Canadian Journal of Communication

Citizen Science: Theory and Practice
Composition Forum
Corporate Communications
Ecology and Society
IEEE *Transactions on Professional Communication*
Journal of Business & Technical Communication
Journal of Pedagogy
Journal of Science Communication
Language Sciences
Rhetoric of Health & Medicine
Rhetoric Review
Science Communication
Science, Technology, & Human Values
Studies in Higher Education
Technical Communication Quarterly
Telematics and Informatics
TEXT & TALK (formerly, *TEXT*)
Western Journal of Communication
Written Communication

Conference Reviewer

American Society for the History of Rhetoric (ASHR) at NCA
Association for the Rhetoric of Science,Technology, and Medicine (ARSTM) at NCA
Association for the Rhetoric of Science, Technology, and Medicine pre-conference at NCA
Association for the Rhetoric of Science,Technology, and Medicine pre-conference at RSA
Association of Teachers of Technical Writing annual conference
Central States Communication Association (Communication Theory)
Citizen Science Association Conference
Rhetoric and Communication Theory division at the National Communication Association (NCA)

Award Reviewer

Canadian Association for the Study of Discourse and Writing (CASDW) Dissertation Award Committee

<u>Service to the University/Faculty</u>

Member, Master of Public Service Advisory Committee, Faculty of Arts, 2016–2019
Member, Co-op Advisory Committee, Faculty of Arts, 2016–2019
Member, Survey Research Centre, 2016–2019
Member, Arts First Program Advisory Committee, Faculty of Arts, 2016–2018
Member, Arts 140 Working Group, Faculty of Arts, 2017–2018

Member, Design Committee, Undergraduate Communications Outcomes Initiative, Departments of Electrical and Computer Engineering and Management Science, 2017–2018

Member, Design Committee, Undergraduate Communications Outcomes Initiative, Faculty of Science Communication Course, 2017–2018

Member, Design Committee, Undergraduate Communications Outcomes Initiative, Department of Civil and Environment Engineering Communication Course, 2017

Service to the Department

Member, Chair Nominating Committee, 2018 & 2021

Member, Graduate Studies Committee, 2017–2020

Co-op Development Officer, English Language and Literature, 2016–2018

Liaison, English Advisory Council, 2016–2018

Member, Department Advisory Committee on Appointments (expert probationary-term faculty membership approved by Dean of Arts), 2017

Co-Editor, English Language and Literature Newsletter, 2016–2017

Service at Purdue

Judge, Purdue Undergraduate Research and Poster Symposium, 2015

Judge, Purdue #Science: Effective Interdisciplinary Communication Ecological Sciences & Engineering Program Symposium, 2014

Reviewer, Purdue College of Liberal Arts *Katie Douglas Perseverance and Inspiration Merit Scholarship*, 2015

Reviewer, *Journal of Purdue Undergraduate Research*, 2015

Reviewer, Purdue University Butler Center Leadership In Action Award, 2015

Panel moderator, Purdue/AAAS Emerging Leaders in Science and Society program, 2015

Service and Outreach to the Community

Member, Program Committee, Royal Canadian Institute for Science – Waterloo Chapter, Waterloo, Ontario, Canada, 2020

Program designer, "Science Communication Certificate," Royal Canadian Institute for Science, 2019

Role model, "Mayor Dave Jaworksy and Jan Jaworsky Present: Waterloo Girls in STEAM," University of Waterloo, Waterloo, Ontario, Canada, 2018

Activity leader, "Exploring Materials—Thin Film," Museum of Life and Science, Durham, North Carolina, USA, 2012

Judge, Fred A Olds Elementary School Science Fair for K-2 students, Raleigh, North Carolina, USA, 2012

Guest lecturer, "Rhetoric and the Rhetoric of Science," Broughton High School International Baccalaureate Theory of Knowledge class, Raleigh, North Carolina, USA ,2012

Activity leader, "Exploring Materials—Thin Film," Museum of Life and Science NanoDays, Durham, North Carolina, USA, 2011